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STARWATCH iTDC PRO I[™] Software User Manual

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1 Configuration

Software Configuration Flow Chart



IDTECK



IDTECK





Chapter

STARWATCH iTDC PRO

STARWATCH iTDC PRO I Introduction

This chapter explains iTDC main functions and installation environment.

STARWATCH iTDC PRO I Main Functions

This program connects the iTDC controller and PC via Serial and TCP/IP communication to send and receive data. It uses the data received to run its many functions.

The device and program are mutually connected to provide access control for higher security. It also has a variety of applied additional functions to manage access control. The user's event data can be used as basis for time attendance reporting, as well as access control in corporate environments.

• Multi Port Support

This configuration can be applied from address 01 up to 99. Using Serial or TCP/IP communication, you can connect up to 99 communication loops. One port can connect up to 32 devices (change of communication chip expands to 255 devices). However, if you go over the fixed number of devices in a communication loop, the PC resources may not support the setup. Use the port to gain the best possible communication management depending on the environment.

• Multi Language Support

Multi Language support has two main languages as default (Korean, English). Additionally, 5 other languages are supported through user's input. Using a separate multi language definition program, the user can change the English characters into their own language as default to use the STARWATCH iTDC PRO I in their own language.

• Card Holder Management Function Combinations

Card Holder Management gives you the user's basic information (name, company, dept, etc.) in addition, access group and time attendance data , fingerprint data can be input and modified in one screen.

Also, registration and deletion date can be scheduled for automatic deletion on set date.

Specific user can be deleted through card holder management, and can be recovered later on by managing separately. The deleted user current status can be known.

• Deleted User Managing Function

The deleted user from card holder management is processed separately, and can be recovered to put into normal status, without any need to reenter the user data. Also, deleted user's current status can be seen as a report by making an inquiry.



• Visitor Management Function

Visitor management is processed by identifying the user as non regular card holder. Visitor's data contains company, name, reason for visit, visitor, visiting dept. Access area and time can be controlled by access group.

Automatic delete function through specific date and time registered will erase card number. Also, visitor's current status can be seen as a report by making an inquiry.

• Map Function

Map can be setup using area and floor as basis to the corresponding floor. Door and sensors are shown as icons, and depending on user options, the time of day when an event occurs will be shown automatically on the map.

• TCP/IP and Serial Communication Simultaneous Support

Using multi port function, network and serial communication can be activated simultaneously. Set port 1 as serial and port 2 as network configuration to activate simultaneously using both ports.

Alarm Event Acknowledgement

Using Alarm Event Acknowledgement, when an event occurs, the manager can input detail of information to acknowledge the alarm.

All alarm events must be acknowledged by the manager to have the alarm event cancelled. The acknowledged result is stored in database for later retrieval as a report.

• Alarm Event Type Color Indication

Using color to differentiate alarm event type gives easy monitoring in one screen. The alarm event acknowledged by the manager is shown in black.

• Various Access Control Reports

The program contains reports of card holder, deleted user, access current status, alarm current status, visitor current status, user permitted per authorized door, individual permitted door, and final access area giving variety of access control reports.

• Work Attendance and Various Related Reports

Work attendance management function is included in basic form, therefore a separate program is not necessary.

Individual work hour and holiday setup is possible. You can configure expiration for date, month, and year to support report retrieval by making an inquiry for work hour data.

Using the work hour data, you can calculate work hour, tardiness, leave of absence, overtime, holiday/weekend overtime, days worked, days of tardiness, and days of leave absence.

User can modify the user data to reflect on expiration day, month, and year after the final worker ends the shift for the day.



All work hour data can be sent to Excel file or text file to be used in other applications such as ERP.

Reports support type by individual, day, month, month detail, yearly, and can be converted to look like HTML, PDF, and Excel format.

• Various Export and Converting Function

ITDC supports export and converting function through inquiry and report function.

The file is sent as text or Excel format. In this case, connecting the file to other applications (time attendance, wage, and ERP) can be efficient.

In converting function, the report is converted to Excel, HTML, and PDF in its original form. In this case, the file can be converted to be sent to the internet and email for data report transfer.

• Various Options

User can setup various options.

You can setup event type indication, and saved database existence. By setting up .wav file for each event type, you can have an alarm event sound.

Also, when an event occurs, email dispatch function can be used if email server is present at location. Email dispatch will be sent out to up to 3 people in matters to alarm event current status.

Map indication existence can be setup by event type.

• Uniformed User Interface

User interface is uniformed by, using an icon for each function with one click operation for overall ease of use without difficulty. Also, button key by menu type and function can be setup to operate function at once.

STARWATCH iTDC PRO I Installation Environment

Operating System

STARWATCH iTDC PRO I is a 32 bit Windows compatible S/W. It operates in Windows98SE, Windows 2000 Professional, Server Edition and higher versions, along with Windows XP Home and Professional Edition.

STARWATCH iTDC PRO I does not support Windows 95, 98, ME, and NT 4.0.

It is recommended the STARWATCH iTDC PRO I to be installed in Windows 2000 Professional or Windows XP Professional. These operating systems are powerful and stable for STARWATCH iTDC PRO I operations.



Minimum Configuration

Minimum configuration is no more than 10 panels and 40 readers for the system. One or two port usage is suitable. Maximum users of no more than 100-200 users recommended in configuration. Memory expansion improves system functions therefore, having more memory is beneficial.

- ✓ CPU: Pentium III-700 Mhz or Higher
- ✓ Memory: 128 Mb or Higher
- ✓ HDD: 2 Gig.
- ✓ Port: 2 serial port or Higher
- ✓ Network: 1 ethernet card
- ✓ OS: Microsoft Windows 2000 Professional or Windows XP Home

Recommended Configuration

Recommended configuration is no more than 60 panels and 240 readers for the system. Four port usage is suitable. Maximum users of no more than 500 users recommended in configuration. In this case, it is good to have a separate PC to operate independently. It is recommended to use general PC mfrs and servers matching configurations below. Memory expansion improves system functions therefore, having more memory is beneficial.

- ✓ CPU: Pentium 4 or Higher
- ✓ Memory: 256 Mb or Higher
- ✓ HDD: 4 Gig or Higher
- ✓ Port: 4 serial port (Needs Multi Port card) or Higher
- ✓ Network: 1 ethernet card
- ✓ OS: Microsoft Windows 2000 Professional or Windows XP Professional

Performance Configuration

Performance configuration is no less than 60 panels and 240 readers for mid to large size system. Also, 8 ports or no less is suitable for operation. Maximum users of no less than 500 users recommended in configuration. In this case, it is good to have a separate PC to operate independently. It is recommended to use general PC mfrs and servers matching configurations below. Memory expansion improves system functions therefore, having more memory is beneficial.

- ✓ CPU: Pentium 4 or Dual processors.
- ✓ Memory: 512 Mb or Higher
- ✓ HDD: 8 Gig or Higher
- ✓ Port: 8 serial port (Needs Multi Port card) or Higher
- ✓ Network: 1 ethernet card
- ✓ OS: Microsoft Windows 2000 server or Windows XP Professional



Other Configuration (Network, Modem)

Besides using serial communication, iTDC can use TCP/IP and Dial Up using a modem for communications.

In TCP/IP communication, there is an external converter (NetEye 1000S) or an internal module on the main board (Optional) giving you 2 types of converters.

To use TCP/IP communication, you will need either an external converter or internal module, and the PC have to be able to use the network.

If using a modem, you need to use an external modem. For assurance of tech support and device compatibility, we recommend 3 COM's US Robotics 56K External Modem or NetComm (http://www.netcomm.com.au/) Roadster V92 External Modem.

For detailed explanation regarding TCP/IP and modem communication, please refer to chapter 7 (TCP/IP communication) and chapter 8 (Dial Up communication).



Chapter

STARWATCH iTDC PRO I Installation Environment

STARWATCH ITDC PRO ITM Introduction

This chapter explains STARWATCH iTDC PRO I installation.

Installation Preparation

Operating System

The following is the STARWATCH iTDC PRO I installation OS.

Microsoft Windows 2000 Professional Edition (SP2)

Microsoft Windows 2000 Server Edition (SP2)

Microsoft Windows XP Home Edition

Microsoft Windows XP Professional Edition

Also, it is not necessary, but we recommend installing Internet Explorer 6. If you do not have this browser, you can download at Microsoft Web Site.

http://www.microsoft.com/downloads/search.aspx?displaylang=en

Microsoft Office 2000 Program

STARWATCH iTDC PRO I uses the Microsoft Access 2000 database within the Microsoft Office 2000 application.

Microsoft Office 2000 program is not necessary, but for database and user operation, it makes it convenient. (Microsoft Office XP installation works the same)

Installation is recommended, if program is obtained.

STARWATCH iTDC PRO I Installation

Find the iTDC.msi file in the software CD and click it to initialize its installation.

1) As the following window shows on the screen, click "Next" in order to star the installation process.





2) Click "Next" to install it in the default directory. In order to change its install directory, click" Browse" and choose a folder to install the iTDC software.

itdc	
Select Installation Folder	
The installer will install iTDC in the following folder. To install in this folder, click "Next". To install to a different new or existing below or click "Browse".	folder, enter one
<u>Eolder:</u> F:₩Program Files₩iTDC₩	Browse
You can install the software on the following drives:	
Volume C: D: T	Disk A 454 1 V Disk Cost
	Next

3) Click "Next" to start its process.



4) During the process it shows its status. Please wait.





5) If completed, it shows as below. Click "Close" to finish it.

itdC				_ 🗆 🗙
Installation Complete				
iTDC has been sucessfully installed.				
Click "Close" to exit.				
	Cancel	Ere	vious	<u>Close</u>

You may see the following message during the installation process in Microsoft Windows 2000 or Window XP





In this case, just click "Continue" in order to complete the installation.

After completion of its installation, please find MDAC_TYP of the language of the OS(Window) that used now.



4 STARWATCH iTDC PRO I Structure

STARWATCH iTDC PRO I Structure

This chapter explains STARWATCH iTDC PRO I structure. It explains main screen structure, menu, standard icon, directory, and database file.

iTDC Main Window

iTDC main screen is differentiated into 4 parts.

Top section consists of menu and tool bar, and middle contains screen activated by function. Bottom section shows status, and through the main screen, the user can initiate functions quickly and efficiently.



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Title bar and Menu

Title bar and Menu

 Orginal Access Control, Time & Attendance System [STAR iTDC -Ver 1.0]

 System(S)
 Databse(D)
 Access Control(A)
 View(V)
 Report(R)
 Time/Attendance(T)
 Window(W)
 Language(L)

Title bar shows program title and current version.

Menu is categorized into 8 sections. Each menu contains sub-menus, which the user can activate functions by selecting the correlating sub-menu.

Menu Structure and Short Cut Key

System

It contains functions for communication relation, device definition, dial up setup, system log on (off), and quit.



System			
System			ALT + S
	Port Definition		CTRL + A
	Panel Definition		CTRL + B
	Door/Reader Definition		CTRL + C
	Input/Output Definition	Input/Output Point Definition	CTRL + E
		Input/Output Timeschedule/Type Definition	CTRL + F
	System	Set Time	CTRL + G
		Set Initialize	CTRL + H
	Dial-Up Chain Definition		CTRL + I
	Logon		CTRL + J
	Logoff		CTRL + K
	Quit		CTRL + Q



Database

Database contains definition for company, department, title, area setup, map setup, user registration, management and options. Inputting the default user data will be used in user management. It also contains map function to setup by area and floor. Database management contains backup, recovery, and compression for data.

Control, Tim	e & Attenda	ince S	yste
Databse(D)	Access Contr	ol(A)	View
Company	Definition	Ctrl+L	
Departme	nt Definition	Ctrl+N	1
Title Defin	ition	Ctrl+M	J I
AccessTyp	e Definition	Ctrl+(>
Area/Floo	r Definition	Ctrl+F	,
Map Defin	ition	Ctrl+F	ł
User Defin	nition	Ctrl+9	5
Database	Management	Ctrl+1	r i
Option		Ctrl+L	J

	Database	Short Cut Key
Database		ALT + D
	Company Definition	CTRL + L
	Department Definition	CTRL + M
	Title Definition	CTRL + N
	Access Type Definition	CTRL + O
	Area/Floor Definition	CTRL + P
	Map Definition	CTRL + R
	User Definition	CTRL + S
	Database Management	CTRL + T
	Option	CTRL + U

Access Control

Access Control menu contains sub functions for managing access control. It contains setup for work holiday, time schedule, user group, user management, and visitor management.



	Access Control		Short Cut Key
Access Control			ALT + A
	Holiday Definition		F2
	Timeschedule Definition	Time Zone Definition	F3
		Timeschedule Definition	F4



STARWATCH ITDC PRO I™

Access Group Definition	F5
Card Holder Management	F6
 Deleted Card(ID) Management	F7
Visitor Management	F8

View

View menu contains access door control status, event transaction status, and communication status to monitor functions.

$View(\underline{V})$	Report(<u>R</u>)	Time/At	tendance(]
Access	s Door Control	/Status	Ctrl+F1
Transa	ction Status		Ctrl+F2
Comm	unication Stat	IS	Ctrl+F3
Event S	Status Window		
Video S	Surveillance		

	View	Short Cut Key
View		ALT + V
	Access Door Control/Status	CTRL + F1
	Transaction Status	CTRL + F2
	Communication Status	CTRL + F3
	Event Status Windoe	
	Video Surveillance	

Report

Report menu contains sub-menus for various reports. You can have 8 types of access control reports.

STAR ITDC ·	-¥er 1.0]		
Report(R)	Time/Attendance(T)	Window(W)	Langu
Card Hol Deleted	der Report Card Holder Report	Ctrl+F Ctrl+F	4 5
Event Hi Alarm His	story Report story Report	Ctrl+F Ctrl+F	6 7
Accessbi Accessbi	le Door Report for Indi le ID Report for Door	ivisual Ctrl+F Ctrl+F	8 9
Visitor Ev	vent History Report	Ctrl+F	11
Last Aco	ess Event Report	Ctrl+F	12

Report		Short Cut Key	
Report			ALT + R
	Card Holder Report		CTRL + F4
	Deleted Card Holder Report		CTRL + F5
	Event History Report		CTRL + F6
	Alarm History Report		CTRL + F7
	Accessible Door Report for Individual		CTRL + F8
	Accessible ID Report for Door		CTRL + F9



	Visitor Event History Report	CTRL + F11
	Last Access Event Report	CTRL + F12

Time & Attendance

Time & Attendance menu consists of sub-menus relating to the time attendance with the system. It contains definition for work time, work holiday, work type, data (daily, monthly, yearly) expiration, report, and work options to operate functions easily.

¥er 1.0]				
Time/Attendance(T)	Window	(₩)	Langu	Jage
Work Time Definition	on	Shift	+F2	
Work Holiday Defir	hition	Shift	+F3	
Work Type Definite	on	Shift	+F4	
Daily Data Manage	ment	Shift	+F5	
Monthly Data Man	agement	Shift	+F6	
Yearly Data Manag	gement	Shift	+F7	
Report				۲
Work Options		Shift	+F11	

	Short Cut Key		
Time/Attendance			ALT + T
	Work Time Definition		SHIFT + F2
	Work Holiday Definition		SHIFT + F3
	Work Type Definition		SHIFT + F4
	Daily Data Management		SHIFT + F5
	Monthly Data Management		SHIFT + F6
	Yearly Data Management		SHIFT + F7
	Report	ID/Daily Attendance Report	SHIFT + F8
		Monthly/Yearly Attendance Report	SHIFT + F9
	Work Option		SHIFT + F11

Window

Window menu gives you options for horizontal or vertical viewing in a row.

Window(W)	Lan	
Horizontal		
Vertical		

Window			
Window			
	Horizontal		
	Vertical		

Language

Language menu contains multiple languages to change language of program for user.



Language(L)
Korean
🗸 English
User Language 1
User Language 2
User Language 3
User Language 4
User Language 5
User Language 5 User Language 5

Language			
Language			
	Korean		
	English		
	User Language 1		
	User Language 2		
	User Language 3		
	User Language 4		
	User Language 5		

Shortcut Icon

Shortcut icon lets the user perform frequently used functions to quickly initiate jobs.

The black label to the right of shortcut icons displays current activity data of program operation.

🕑 😼 💊 🖀 🎥 🞐 🔒 这 🐨 🛥 😒 🗖

Here are the types of shortcut icons.

Short Cut Icons				
	Time Zone	Create access time code and access time setup.		
to	Timeschedule	Setup time schedule by day of the week access time code.		
	Access Group	Create group in access area.		
	Card Holder	Input, edit, and delete card holder data.		
	Visitor	Input, edit, and delete visitor data.		
	Transaction	Monitor current event transaction in real time.		
9	Door Control	Monitor door control status and manual control doors.		
	Map Definition	Setup item location and area/floor map definition.		
U)	Report	Access control report inquiry and print out report.		
	Language	Language setup.		
	Logoff	Logoff from program.		



	\otimes	Quit	Quit program		
Status	bar				
	Status bar login ID.	r displays current d	ate and time setup in PC.	Also, it displays current language	and user

0 1/20/2003	🥑 3:11 PM	💓 English	🖀 Login : admin	

Standard Icon

It explains standard icons used in iTDC. You can see general icons in every screens of iTDC. These icons perform their specified functions. The following explains each icon's function.



Standard Icon 1				
	Find	Finds the data by search condition.		
	Add	Used for adding data and activates additional screen.		
/	Modify	Used in modifying data and activates modify screen.		
×	Delete	Used in data deletion and deletes the data.		
$\mathbf{\hat{s}}$	Close	Closes the current active screen.		

Batch Transmit

	Standard Icon 2				
0	Transmit	Sends the current selected data to the device (iTDC)			
	Batch Transmit	Sends the searched data and database info in batch format.			



	Standard Icon 3
Create Data	Creates information result with original data.





Standard Icon 4				
Print	Searched information is printed out.			
Export	Exports searched information text as Excel file format.			

Program Folder

It explains the folder where STARWATCH iTDC PRO I is installed.

STARWATCH iTDC PRO I is installed in C:\Program Files\iTDC folder. Also, depending on circumstance, it is installed in C:\Program Files\idteck\iTDC.

User can change the drive and folder, where program is installed. During installation, it can install to other drive and folder if default folder is not used.

Database Structure

STARWATCH iTDC PRO I has 3 database files in structure, and all database file is created in Microsoft Access 2000 file.

The following is the database file creation.

iTDC-ACS.mdb

This database file contains all saved information of device data, user data, event current alarm data, and is the main database file of STARWATCH iTDC PRO's access control system.

This file is the most important database file, and needs user's management. Refer to maintenance management chapter for detailed explanation.

iTDC-TAS.mdb

This database file is STARWATCH iTDC PRO's attendance file, and contains all saved information of time attendance, work holiday, work type, end of (day, month, year).

This file is most important database file in attendance function, and needs user's management.

■ iTDC-LANGUAGE.mdb

This multi language database file in STARWATCH iTDC PRO I contains all characters information displayed on screen in saved files.



STARWATCH ITDC PRO I Initial Setup

STARWATCH iTDC PRO I Initial Setup

This chapter explains installation items setup, after installing STARWATCH iTDC PRO.

Program Login

The following screen appears in initial program activation. Login gives program use authorization, and if this is first time login after installation, you will need to use default login information.



Once the login screen appears, input **admin** for User ID. Password is without. Then press Enter or click Login button to go to main screen.

Program Configuration

Area/Floor Definition

Area/Floor configuration is used for default data creation to distinguish access door, reader, and sensors by installed locations. Multiple buildings can be designated by area, and the floors correlating to the area can be distinguished.

Start

Click Database->Area/Floor definition or press Ctrl+P on keyboard.

Add

Add is used to create fresh data. Click Add to input data of area and floor through the input screen.



8	Access Control	Area List					×
	Find •	👔 🛛 🕺	Modify	×	Delete 区	Close	
Fi	ind						
	Area Cod	le	-				
	Area Nam	ne					
		Area List			Elc	or List	
	Area Code	Area Name			Area	Floor	,
►	001	Area. 1			Area, 1	01F	
	002	Area. 88			Area. 1	02F	
					Area.1	03F	
					Area, 1	04F	
					Area. 88	01F	
					Area. 88	170F	
					Area. 88	196F	
					Area. 88	B01F	
					Area. 88	B02F	:

1) Click Add and the screen below appear.



- 2) Input area code. If already registered code is used, it will not register, but only a fresh area code.
- 3) Input area name.

Select floor then click Add button. It will show up in Floor List window. Repeat this procedure to add additional floors.

- 4) If all the floors are added to the area, click Save button to save.
- 5) Click Close to finish.

Setup the area/floor definition prior to use, because the data is used in variety of ways for registration of access door, reader, input point of contact, and map configuration.



Port Definition

Port definition describes Serial and TCP/IP communication loop connected to the PC. It supports up to 99 ports, but keep in mind depending on PC performance, memory, and OS, supporting 99 ports may not be possible. It is recommended to use adequate number of ports for usage.

Start

Click Set up-> Port Definition or press Ctrl+A button on keyboard.

Add

Add is used to create fresh data. Click Add to add ports through the input screen.

8	Port List							×
	Fir	nd 🙍 🛛 A	dd 🥖	Modify 🔀	Celete Delete		Close	
Fil	nd							
		Port No						
	Cor	nm Type		-				
				Port Lis	et			
	Devictoria	Course Trans	Course Dout	Port Lk	51	Data Di	Oton Di	10.044
	Port No	Comm Type	Comm Port	Speed	Parity Bit	Data Bit	Stop Bit	IP Addr
	1	Serial Chain	COM1	9600	N	8	1	
	2	Serial Chain	COM2	9600	N	8	1	
	3	TCP/IP Chain						211.254.2

1) Click Add and the screen below appear.

8 Pe	ort Definition	×
~	Save 🐼	Close
	Port No Comm Type	Active
Se	ial Chain TCP/I	P Chain
	Com Port Speed	9600
	Parity Bit Data Bit	NONE
	Stop Bit	1

- 2) Select port number. It will indicate port numbers not used.
- 3) Select communication type by Serial Chain, TCP/IP Chain, or Dial-Up Chain to setup communication.
- 4) Check mark Active for the correspond port to be able to communicate.



Decide if correspond port will be active for communication. Active check mark Port No communicates, but without a check mark will result in no communication.

This option lets the user make the port inactive, if the port requires maintenance due to a problem in communication. User can fix the problem while other locations remain with active ports.

If the port data is modified, you must close the program and restart.

- 5) From Serial Chain tab, select Com Port, Speed, Parity Bit, Data Bit, and Stop Bit. Set the value as 9600 for Speed, none for Parity Bit, 8 for Data Bit, and 1 for Stop Bit as iTDC default set value.
- 6) Selecting TCP/IP Chain tab will change the screen as follows.

🔏 Port Def	finition	×
>	Save 🐼 Close	
	Port No 4	
C	omm Type TCP/IP Chain	
	Active	
D	Description	4
Serial Ch	ain TCP/IP Chain	
IF TC Mo	P Address CP Port No 5000	

In the IP address window, input the address of the external or internal TCP/IP converter.

Input 5000 as default value for TCP Port No.

For Module Type, select internal or external (Neteye 1000s) as converter type.

7) Selecting Bypass TCP/IP Chain tab will change the screen as follows.

B Port Definition Save Close	
Port No. 02 COM Type Bypass TCP/IP C Description	hain
Serial Chain TCP/IP Chain Bypas	s TCP/IP Chain
TCP Port No. 80 Device Login ID admin	Speed 9600 💌 Parity Bit NONE 💌
Device Password *****	Data Bit 8

In the IP address window, input the IP address of the Webeye Controller. Input '80' as default value for TCP Port No.

Input admin ID(Default : admin). Input admin password (Default : admin).



Select com port of webeye controller. Com port is port no. of webeye is connected with iTDC controller.

Select Speed, Parity Bit, Data Bit, and Stop Bit. Set the value as 9600 for Speed, none for Parity Bit, 8 for Data Bit, and 1 for Stop Bit as iTDC default set value.

8) Click Save to save the port data input, and click Close to finish.

For detailed explanation of TCP/IP communication, please refer to chapter 7 (TCP/IP communication) in STARWATCH iTDC PRO. Also, refer to chapter 8 regarding Dial-Up communication in STARWATCH iTDC PRO.

Panel Definition

Panel Definition explains data definition of iTDC board.

Each iTDC device has its own communication address. By address type, the S/W data is defined and communicated. Also, each iTDC can have its own function options, and these options is sent to the devices for application.

Start

Click Set up->Panel Definition or press Ctrl+B button on keyboard.

- Add
- 1) Add is used to create fresh data. Click Add to add panels through the input screen

8	Panel List		_						×
C	Transmi	t 🚉 🛛 Fi	nd 🛐	Add 🥖	Modify 🔀	Delete 🐼	Close		
Fi	nd								
	Port	No	•						
	Pane	I No	•						
					Panel List				
	Port No	Comm Type	Panel No	Panel Type	Door Type	Panel Name	Memory(ID)	Default	
	1	Serial Chain	000	ITDC	4 Door	1.000.Panel	5000		1

2) Click Add and the following screen appear.





- 3) Select Port No. It will display the port numbers from port registration.
- 4) Panel numbers not registered will be displayed in Unregistered Panel No. List. Select the Panel No. to register by clicking >> button or double clicking the panel number to add to the right hand side Registered Panel No. List window.

Panel registration must be done one at a time. This means after registering one panel number, you need to input the panel's default data. Once this is done, click Save button to save this panel's definition to finish. Repeat the procedure to add additional panels.

- 5) Select Panel Type as iTDC.
- 6) Select Door Type as 2 Door, 3 Door, or 4 Door for operation.
- 7) Input Panel Name. It must be done because it is used to locate which panel is having the event when an event occurs.
- 8) Card memory definition is setup. The event memory is automatically defined depending on card memory. Define adequate card and event memory for operation.
- 9) Panel Default value is optional (It is not necessary for operation)
- 10) Click Save button to save data.
- 11) Click Close button to finish.



Biometrics Reader Definition

Biometrics Reader Definition explains data definition of biometrics reader (FGR006, FINGER006). Each Biometrics Reader has its own communication address over 100. By address type, the software data is defined and communicated for biometrics data. Also, each biometrics reader can have its own function options, and these options are sent to the biometrics reader for application.

Start

Click Set up->Biometrics Reader Definition or press Ctrl+C button on keyboard.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.

8 E	Biornetrics Re	eader List							×
Fin	d	Co. Trans	imit 🤹	Add	Modify	🎯 Delete	(Close	٩
	14			T					
	Biometrics	Beader No.							
					Biometrics Reader List				
	Loop No,	COM Type	Reader No,	Reader Type	Reader Name	Reader Mode	Fingerprint Mode	Adaptive Mode	
	01	Serial Chain	100	FGRUU5	FGR005	2-RF+Fingerprint	0-Single Mode	U-Not Use	0
									Þ

- 1) Select Loop No. and Biometrics Reader No. as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available, it will display the results.

If find has no specific parameters, it will display the entire information



Add

Add is used to create fresh data. Click Add button to add data through input screen.

👌 Biometrics Reader List					×
Find 🔕 Trans	mit 😪 Add	Modify	🎯 Delete	(Close 🏼 🍅
Find Loop No, Biometrics Reader No,					
1		Biometrics Reader List			
Loop No. COM Type	Reader No, Reader Type	Reader Name	Reader Mode	Fingerprint Mode	Adaptive Mode
D1 Serial Chain	100 FGR006	FGR006	2-RF+Fingerprint	0-Single Mode	0-Not Use 0
4					

a. Click Add button, and the following screen appear.

Biometrics Reader set up	- 1		
ansmit 😪 Save	Close	<u>(</u>	
Loop No. 01			
Inregistered Biometrics Reader No. List	Registered Biometrics Rea	ider No. List	
Biometrics Reader No.	Reader No. Reader N	ame	Reader Type
01	100 FGRU06		FGRUUb
02			
03			
05	>>		
06 07			
08			
109 110			
111 🗾			
Select Biometrics Reader	Biometrics Reader Functio	n	
FGR006	FGR006 FINGER006		
Reader Name	ReaderMode	2-RE+Eingerprint	-
FGR006	Eingerprint Mede	0-Single Mode	
	ringerprint wode		
	Adaptive Mode	U-NOT USE	
Change Master Card	Output Mode	0-26Bit Wiegend	<u> </u>
onunge muster ourd	Example a standar	0-Reader Mode	-
	Function Mode	To recuder mode	
	Function Mode		

b. Select Loop No. It displays only the Loop No. that was registered in Loop Definition.



c. Unregistered Biometrics Reader No. List displays items not selected from Loop No. Select the Controller No. to be registered choosing and clicking >> button or double click the Controller No. to select, and it will show up on the right hand side Registered Controller No. List.

Biometrics Reader registration must be done one at a time to setup.

It will register one biometrics reader number with its basic data for configuration. Click Save button to complete the process.

Repeat the procedure to add additional biometrics readers.

- d. Select Biometrics Reader Type.
- e. Input Reader Name. This is a must in order to define the location, when an event occurs to a Controller.
- f. Configure Biometrics Reader Function. Each functions is explained in H/W manual
- 2) Click Save button to save data.
- 3) Click Transmit button to send setup data to biometrics reader.
- 4) To change a master card, Input a master card no. to change. Click Change button.

When setup is performed for all biometrics reader, software, and related data, it is not active until transmitted to biometrics. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the software, and make certain communication is established before using transmit function.

5) Click Close button to finish.

Modify



Modify is used to change existing data inputted. Find data to modify or to change registered biometrics reader category.

👌 Biometrics Reader List					×
Find 🔕 Tran	smit 😪 Add	A Modify	🎯 Delete	A	Close 🍅
Find Loop No. Biometrics Reader No.	 				
		Discretion Decided			
	Beader No Beader Tup	Biometrics Header I Reader Name	JSt Beader Mode	Eingerprint Mode	Adaptive Mode
01 Serial Chain	100 FGR006	FGR006	2-RF+Fingerprint	0-Single Mode	0-Not Use 0
x [_]					8

Selected data is displayed as below figure in highlighted blue bar.

1) Click Modify to see the following screen. The Modify is equal to registration screen. However, the Loop No. cannot be changed, and modify is possible to the selected one Controller address.

biometrics header set up		t.	care a	
ransmit 🔬 Save	4	Close	<u>(</u>	
Loop No. 01	F			
Unregistered Biometrics Reader No	. List Re	gistered Biometrics	Reader No. List	
Biometrics Reader No.	E F	eader No. 🛛 Read	er Name	Reader Type
100	1	10 FGR(106	FGR006
101				
103				
104	1			
105				
107				
108				
110				
111	-			
Select Biometrics Reader	Bio	metrics Reader Fur	nction	
FOR000		OROBO THINGERO	10	
Reader Name		Reader Mo	de 2-RF+Fingerprint	•
In o place				
FGHUU6		Eingorprint Ma	do D.Sindle Mode	
FGH006		Fingerprint Mo	ode 0-Single Mode	•
I-GHUU6		Fingerprint Mo Adaptive Mo	ode 0-Single Mode	• •
Change Master Card		Fingerprint Mo Adaptive Mo Output Mo	ode 0-Single Mode ode 0-NotUse ode 0-26BitWiegend	• •
Change Master Card		Fingerprint Mo Adaptive Mo Output Mo Function Mo	ode 0-Single Mode ode 0-Not Use ode 0-26Bit Wiegend ode 0-Reader Mode	× ×
Change Master Card		Fingerprint Mo Adaptive Mo Output Mo Function Mo	ode 0-Single Mode ode 0-Not Use ode 0-26Bit Wiegend ode 0-Reader Mode	• • •

Modify the items that need changing.

2) Click Save button to save the modified information.



3) Click Transmit button to send setup data to biometrics reader.

When setup is performed for all biometrics reader, software, and related data, it is not active until transmitted to biometrics. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the software, and make certain communication is established before using transmit function.

- 4) Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered biometrics reader category data.

Selected data is displayed as below figure in high-lighted blue bar.

🙆 B	iometrics Reader List							×
Find	і 🔕 Ті	ransmit 🥳	Add	Modify	🎯 Delete	G	Close	٩
Fin	d Loop No. Biometrics Reader No.	[
				Biometrics Reader List				
	Loop No, COM Type	e Reader No,	Reader Type	Reader Name	Reader Mode	Fingerprint Mode	Adaptive Mode	
	01 Serial Chai	n 100	FGR006	FGR006	2-RF+Fingerprint	0-Single Mode	0-Not Use	0
T								

1) Click Delete button. Click Yes button to delete or No button to cancel.

Transmit



This function is used to send the setup functions to the biometrics reader for activation. Use Find to search for data transmit or select the data from the registered biometrics reader categories to send.

👸 Bi	ometrics Reader List							×
Find	🔕 Trans	rmit 🥰	Add	Modify	🐼 Delete	(<u>a</u>)	Close	٩
Find								
10000000	Loop No.		-					
	Biometrics Reader No.		-					
_	J							
		Reader No.	Reader Tupe	Biometrics Header List	Rooder Mede	Eingerprint Mede	Adaptivo Modo	
	01 Serial Chain	100	FGR006	FGR006	2-RF+Fingerprint	0-Single Mode	0-Not Use	0
1	1							•

Selected data is displayed as below figure in highlighted blue bar.

1) Click Transmit button. This will send the selected data to the corresponding biometrics reader No. for application.

Door/Reader Definition

Door/Reader definition explains door and reader data. Door and reader are connected to each iTDC Controller. Therefore, software needs to be defined regarding the door and reader data to control event occurrence and iTDC controller.



Start

Click Set up->Door/Reader Definition or press Ctrl+C button on keyboard.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.

8	Reader set i	in										×
Fin	d	🔕 Trans	mit	-	Add	4	Modify	Ø	Delete	A	Close	(ک
FI	nd Cont	Loop No.		- -								
-						Beader	List					
-	Loop No.	Controller No.	Door No,	Door N	ame	Reader No.	Reader Name		Reader Mode	RF 0	nly Mode	
Þ	01	000	1	Door #1	1	1	Reader#1		RF Only	Not U	se	
	01	000	2	Door #2	2	2	Reader #2		RF Only	Not U	se	
	01	000	3	Door #3	3	3	Reader#3		RF Only	Not U	se	
	01	000	4	Door #4	4	4	Reader #4		RF + PW	Not U	se	
1												

- 1) Select Loop No. and Controller No. as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.

If find has no specific parameters, it will display the entire information

Add

Add is used to create fresh data. Click Add to add Door/Reader data through the input screen.



8	Reader set u	цр		- 1							×
F	nd	🔕 Trans	smit	-	Add	4	Modify	Ø	Delete	Close	٩
	ind				1						
		Loop No		•							
	0										
	Cont	roller No.		-							
Ē						Reader	List				
F	Loop No,	Controller No.	Door No,	Door N	ame	Reader No.	Reader Name		Reader Mode	RF Only Mode	1
	01	000	1	Door #1	li.	1	Reader #1		RF Only	Not Use	
	01	000	2	Door #2	2	2	Reader #2	-	RF Only	Not Use	
	01	000	3	Door#3	3	3	Reader #3		RF Only	Not Use	
	01	000	4	Door #4	1	4	Reader #4	_	RF + PW	Not Use	
	1-1										

1) Click Add button and the following screen appear.

Header & Door	Definition						
ransmit		Save	4	Close		٩	
	Loop No.	01					
	Controller No.	000					
C	ontroller Name	ITDC,000				unti-Recoback	Normal Mode
	Door Type	2 Door				nu-rassback j	
cess Door 1	Access Door	2]					
Door Info.—					-Reader Info. (I	N)	
,	vea (Location)	Area #1		-		Reader Type	RF Reader
Door F	loor (Location)	01F 💽					
	Door Name	Door #1				Reader Name	Reader #1
						Reader Mode	RF Only (Not Apply Timesch 🚽
					RE Only Mode	Timeschedule	Not Use
Doc	r Contact Type				THE ONLY MODE	Timescheddie	
	oor Lock Type				-Reader Info. (C	оит) — — — — — — — — — — — — — — — — — — —	
Use Dur	Duress Mode ess Password	**				Reader Type	RF Reader
						Reader Name	Header #2
						Reader Mode	RF Only (Not Apply Timesch 🗨
					RF Only Mode	Timeschedule	Not Use 💽

2) Select Loop No. and Controller No. Once Controller No. is selected, depending on door type definition, it will display as above example of 2 Door tabs (Access door 1, Access door 2)

In 3 Door definition, it will display tabs (Access door 1, Access door 2, Access door 3)

In 4 Door definition, it will display tabs (Access door 1, Access door 2, Access door 3, Access door 4)

- 3) Anti-Passback is configured. (For detailed explanation, refer to chapter 4 initial setup)
- 4) Input Door Info with area, floor, and name. Area and floor data is according to current installed access doors. (Configure the area/floor of access door through Database->Area/Floor Definition)


For Door Name, input easily identified name for definition.

- 5) Access door contact type and lock type is optional.
- 6) Select Duress Mode if to be used, and input a 2-digit password to use Duress.
- 7) Input data for Reader (In) and Reader (Out).

For Reader Name, input easily identified name for definition.

For Reader Mode, select whether using card ID or card + password for operation. (You will need keypad reader to use this setup). **For all time schedules** upon selecting card + password selection, you can configure to use depending on time to use card ID or card + password in specified time to change automatically. (This function is connected to time schedule for detailed explanation, refer to chap. 4)

Configure Reader (In) and Reader (Out), if using 1 access door with 2 readers as In and Out, but if using only 1 reader, configure Reader (In) only.

If using 2 doors, configure In and Out reader or In only for all doors.

If using 3 doors, 1 door can be configured as In and Out reader, and the 2 doors as In reader only.

If using 4 doors, all doors are configured as In reader only.

- 8) Use the above method to configure each door (Access door 1, Access door 2, Access door 3, and Access door 4) information for operation.
- 9) Click Save button to save.
- 10) Click Close button to transmit setup data to iTDC controller.

When setup is performed for all controller, software, and related data, it is not active until transmitted to Controller. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the software, and make certain communication is established before using transmit function.

11) Click Close button to finish.

Modify

Modify is used to change existing data inputted. Find data to modify or to change registered reader category.



Imd Controller No. Image: Controller No. Image: Controler	nd		Q.	Transi	mit	-	Add	4	Modify	🍞 Delete	Close
Reader List Loop No, Controller No, Door Name Reader No, Reader Mame Reader Mode BF Only Not Use 01 000 1 Door #1 1 Reader #1 RF Only Not Use 01 000 2 Door #2 2 Reader #2 RF Only Not Use 01 000 3 Door #3 3 Reader #2 RF Only Not Use 01 000 4 Door #4 4 Reader #4 RF + PtW Not Use 01 000 4 Door #4 4 Reader #4 RF + PtW Not Use	ind	l Contr	_oop No.	[•		į			
Loop No. Controller No. Door No. Door Name Reader No. Reader Add RF Only Not Use 01 000 1 Door #2 2 Reader #1 RF Only Not Use 01 000 2 Door #2 2 Reader #2 RF Only Not Use 01 000 3 Door #3 3 Reader #3 RF Only Not Use 01 000 4 Door #3 3 Reader #3 RF Only Not Use 01 000 4 Door #4 4 Reader #4 RF Prow Not Use								Reader L	jst		
01 000 1 Door #1 1 Reader #1 RF Only Not Use 01 000 2 Door #2 2 Reader #2 RF Only Not Use 01 000 3 Door #3 3 Reader #3 RF Only Not Use 01 000 4 Door #3 3 Reader #3 RF Ponly Not Use 01 000 4 Door #4 4 Reader #4 RF + PW Not Use	Т	Loop No.	Controlle	r No,	Door No,	Door N	ame	Reader No.	Reader Name	Reader Mode	RF Only Mode
01 000 2 Door#2 2 Reader#2 RF Only NotUse 01 000 3 Door#3 3 Reader#3 RF Only NotUse 01 000 4 Door#4 4 Reader#4 RF + PW NotUse		01	000		1	Door #1		1	Reader#1	RF Only	Not Use
01 000 3 Door#3 3 Reader#3 RF Only Not Use 01 000 4 Door#4 4 Reader#4 RF + PW Not Use		01	000		2	Door #2	2	2	Reader #2	RF Only	Not Use
01 000 4 Door#4 4 Reader#4 RF + PW Not Use		01	000		3	Door#3	3	3	Reader#3	RF Only	Not Use
		01	000		4	Door #4	1	4	Reader #4	RF + PW	Not Use

1) Click Modify to see the following screen. The Reader/Door Definition is equal to registration screen. However, the Loop No. and Controller No cannot be modified.

Reader & Door Definition		-			2
Transmit 😪	Save	Close Close	٩		
Loop	No. 01				
Controller	No. 000				
Controller Na	me ITDC.000		Anti Decebeek	Normal Mode	
Door Ty	/pe 2 Door		Andrassback		
Access Door 1 Access Do	or 2				
-Door Into.		1	Reader Info. (IN)		_
Area (Locati	on) Area #1	•	Reader Type	RF Reader	
Door Floor (Locati	on) 01F 💽				
Door Na	me Door #1		Reader Name	Reader#1	
n			Reader Mode	RF Only (Not Apply Timesch 🗨	
Door Contact Ty	/pe NO 🔽		RF Only Mode Timeschedule	Not Use	
Door Lock Ty	/pe NO 💽		Reader Info. (OUT)		
Use Duress Mo	de 🔽		Reader Type	RF Reader	
Duress Passwi	ord _**				
			Reader Name	Reader #2	
			Reader Mode	RF Only (Not Apply Timesch 👻	
			RF Only Mode Timeschedule	Not Use	
			,		

- 2) Modify category that needs changing. Once completed, click Save button to save modified data.
- 3) Click Transmit button to send setup data to iTDC Controller.

When setup is performed for all controller, software, and related data, it is not active until transmitted to Controller. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the software, and make certain communication is established before using transmit function.



- 4) Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered data.

Selected data is displayed as below figure in highlighted blue bar.

8	Reader set (qu									×
Fir	nd	🔕 Trans	mit	🔬 Add	· 👍	Modify	Ø	Delete	(a)	Close	(ک
- Fi	nd							2			
1		Loop No		-							
	Cont	roller No.									
F					Reader	List					
-	Loop No,	Controller No,	Door No,	Door Name	Reader No,	Reader Name		Reader Mode	BF 0	nly Mode	
Þ	01	000	1	Door#1	1	Reader #1		RF Only	Not U	se	
1	01	000	2	Door #2	2	Reader #2		RF Only	Not U	se	
	01	000	3	Door#3	3	Reader #3		RF Only	Not U	se	
<u> </u>	01	000	4	Door#4	4	Reader #4		RF + PW	Not U	se	
•											•

1) Click Delete button. Click Yes button to delete or No button to cancel.

Transmit

This function is used to send the setup functions to the iTDC controller for activation. Use Find to search for data transmit or select the data from the registered reader categories to send.



Find Transmit Arid Modify Delete Find	🖁 Rea	ider set u	p .											
Find Image: Controller No. Image: Controller No.	Find		5	Trans	mit	-	Add	Q.	Modify	<i>🏹</i>	Delete	(2)	Close	
Reader List Loop No. Controller No. Door No. Door Name Reader No. Reader Name Reader Mode BF On 01 000 1 Door #1 1 Reader #1 RF Only Not Us 01 000 2 Door #2 2 Reader #2 RF Only Not Us 01 000 3 Door #3 3 Reader #2 RF Only Not Us 01 000 4 Door #4 4 Reader #4 RF + PW Not Us 01 000 4 Door #4 4 Reader #4 RF + PW Not Us	Find –	L Contro	oop No. oller No.	[•								
Loop No. Controller No. Door No. Door Name Reader No. Reader Mame Reader Mode Pr On 01 000 1 Door #1 1 Reader #1 RF Only Not Us 01 000 2 Door #2 2 Reader #2 RF Only Not Us 01 000 3 Door #3 3 Reader #3 RF Only Not Us 01 000 4 Door #4 4 Reader #4 RF + PW Not Us 01 000 4 Door #4 4 Reader #4 RF + PW Not Us								Reader	List					
01 000 1 Door#1 1 Reader#1 RF Only NotUs 01 000 2 Door#2 2 Reader#2 RF Only NotUs 01 000 3 Door#3 3 Reader#2 RF Only NotUs 01 000 4 Door#3 3 Reader#3 RF Only NotUs 01 000 4 Door#4 4 Reader#4 RF + PW NotUs 01 000 4 Door#4 4 Reader#4 RF + PW NotUs	Lo	oop No,	Controlle	er No,	Door No.	Door N	lame	Reader No.	Reader Name		Reader Mode	RF O	nly Mode	_
01 000 2 Door#2 2 Reader#2 RF Only Not Us 01 000 3 Door#3 3 Reader#3 RF Only Not Us 01 000 4 Door#4 4 Reader#4 RF + PW Not Us 01 000 4 Door#4 4 Reader#4 RF + PW Not Us		01	000)	1	Door #	1	1	Reader #1		RF Only	Not U	se	
01 000 3 Door#3 3 Reader#3 RF Only Not Us 01 000 4 Door#4 4 Reader#4 RF + PW Not Us		01	000)	2	Door #:	2	2	Reader #2		RF Only	Not U	se	_
01 000 4 Door#4 4 Reader#4 RF + PW Not Us		01	000)	3	Door #	3	3	Reader #3		RF Only	Not U	se	
	1	01	000)	4	Door #-	4	4	Reader #4		RF + PW	Not U	se	

2) Click Transmit button. This will send the selected data to the corresponding Controller No for application.

During transmit, if errors do not occur, there are no messages. This means the transmit was completed without disruption.

If an error does occur, detailed explanation is displayed in a message box.

In this case, retransmit the data, but if the error continues, check the communication and iTDC Controller for problems.



^{Chapter} STARWATCH iTDC PRO I 6 Access Control

TARWATCH iTDC PRO I Access Control

This chapter explains specific instructions on Access Control functions in STARWATCH iTDC PRO.

System

System contains communications, iTDC device, and directly related functions. Configurations are setup for communication port, device data, reader, door, and various data. Also, the setup values are sent to the iTDC panel for application.

System related functions are to precede after device and S/W initial installation, and these functions are not used frequently, but plays a critical part during initial setup.

Port Definition

Port definition describes Serial and TCP/IP communication loop connected to the PC. It supports up to 99 ports, but keep in mind depending on PC performance, memory, and OS, supporting 99 ports may not be possible. It is recommended to use adequate number of ports for usage.

- Start
- 1) Click Set up-> Port Definition or press Ctrl+A button on keyboard.
- Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.



8 Port List							×
🛒 Fi	nd 🔄 🛛 Ar	dd 🚺	Modify ≽	C Delete	8	Close	
Corr	Port No	2	-] -]				
			Port Li	st			
Port No	Comm Type	Comm	Speed	Parity Bit	Data Bit	Stop Bit	IP Addr
1	Dial-Up Chain	COM1	9600	N	8	1	
1							F

- 1) Select Port No and Comm Type as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.

If find has no specific parameters, it will display the entire information

Find, Add, Modify, Delete functions are all applied equally in input/output screen. Once you familiarize these functions, you can easily understand them as they are used equally in other input/output screens.

Add

Add is used to create fresh data. Click Add button to add work type data through input screen.

8	Port List							×
0	Fir	nd 🧾 🛛 Ar	dd 🥖	Modify 🔀	C Delete	C 😧	lose	
-Fi	nd Com	Port No Im Type		- - -				
				Port Li	st			
	Port No	Comm Type	Comm	Speed	Parity Bit	Data Bit	Stop Bit	IP Addr
\mathbf{F}	1	Dial-Up Chain	COM1	9600	N	8	1	
-								×

6) Click Add button, and the following screen appear.



\delta Por	t Definition		×
	Save 区	Close	
	Port No		
	Comm Type	•	
	Γ	Active	
	Description		
Seria	al Chain TCP/I	P Chain	
	Com Port	_	
	Speed	9600 💌	
	Parity Bit	NONE	
	Data Bit	8 🗸	
L	Stop Bit	1	

- 7) Select Port No and it will indicate Port No not used. The Port No already in use is not displayed.
- 8) Select Comm Type as Serial Chain for Serial, TCP/IP Chain for TCP/IP, and Dial-UP Chain for Dial-Up as communication type.
- 9) Check mark Active for the correspond port to be able to communicate.

Decide if correspond port will be active for communication. Active check mark Port No communicates, but without a check mark will result in no communication.

This option lets the user make the port inactive, if the port requires maintenance due to a problem in communication. User can fix the problem while other locations remain with active ports.

If the port data is modified, you must close the program and restart.

- 10) Select from Serial Chain tab, Comm Port, Speed, Parity Bit, Data Bit, and Stop Bit. The default value is Speed 9600, Parity Bit None, Data Bit 8, and Stop Bit 1 for configuration.
- 11) Input screen changes if TCP/IP Chain is selected.

8 Port Definition		X
🖌 🖌 Save	Close Close	
Port	No 2	
Comm Ty	ype TCP/IP Chain	
	C Active	
Descript	ion	<u> </u>
		Ľ
Serial Chain	TCP/IP Chain	
IP Addre	iss	
TCP Port	No 5000	
Module Ty	/pe	

Input the IP Address from the external converter or internal converter for configuration.

Input TCP Port No as default value 5000. (Port No is fixed at 5000)



Select Module Type as internal or external version.

For detailed instructions on TCP/IP communication, refer to chapter 7 STARWATCH iTDC PRO I TCP/IP Communication.

12) Selecting Bypass TCP/IP Chain tab will change the screen as follows.

S Port Definition			
ave 🚺 Close	8		
Port No 02		ctive	
COM Type Bypass TCP/IP C	hain 💌		
Description			*
			-
		1	
Serial Chain TCP/IP Chain Bypas	s TCP/IP Chain		
Serial Chain TCP/IP Chain Bypas	TCP/IP Chain	2	•
Serial Chain TCP/IP Chain Bypas: IP Address 211,232,76,81	Com Port	2	•
Serial Chain TCP/IP Chain Bypas: IP Address 211.232,76,81 TCP Port No. 80	Com Port Speed	2	•
Serial Chain TCP/IP Chain Bypas: IP Address 211,232,76,81 TCP Port No. 80 Device Login ID admin	s TCP/IP Chain Com Port Speed Parity Bit	2 9600 NONE	•
Serial Chain TCP/IP Chain Bypas: IP Address 211.232.76.81 TCP Port No. 80 Device Login ID admin Device Password *****	s TCP/IP Chain Com Port Speed Parity Bit Data Bit	2 9600 NONE 8	• • •

In the IP address window, input the IP address of the Webeye Controller. Input '80' as default value for TCP Port No.

Input admin ID(Default : admin). Input admin password (Default : admin).

Select com port of webeye controller. Com port is port no. of webeye is connected with iTDC controller.

Select Speed, Parity Bit, Data Bit, and Stop Bit. Set the value as 9600 for Speed, none for Parity Bit, 8 for Data Bit, and 1 for Stop Bit as iTDC default set value.

- 13) Click Save to save the port data input, and click Close to finish.
- Modify

Modify is used to change existing data inputted. Find data to modify or to change registered work time category.



8	Port List							×
	Fir	nd 🧾 🛛 A	dd 🕖	Modify 💥	C Delete	i 🙆 🛛 🖸	Close	
Fi	nd Com	Port No	<u> </u>	 				
				Port Li:	st			
	Port No	Comm Type	Comm	Speed	Parity Bit	Data Bit	Stop Bit	IP Addr
	1	Dial-Up Chain	COM1	9600	N	8	1	
\mathbf{F}	2	TCP/IP Chain						211.254
								•

1) Click Modify to see the above screen. The Port List is equal to registration screen. Therefore, the Port No cannot be changed.

8 Port Definition		×
🚩 🛛 Save 💽	Close	
Port No	2	[
Comm Type	TCP/IP Chain 💌	[
	Active	
Description		4
Serial Chain TC	P/IP Chain	_
IP Address	211.254.210.2	
TCP Port No	5000	
Module Type	External	_

- 2) Modify the items that need changing. Once completed, click Save button to save the modify data.
- 3) Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered category list data.



8	Port List					1		X
	Fir	nd 🧾 🛛 Ar	dd / bb	Modify 🔀	C Delete	3	Close	
Fir	nd Com	Port No m Type	2					
				Port Li	st			
	Port No	Comm Type	Comm	Speed	Parity Bit	Data Bit	Stop Bit	IP Addr
	1	Dial-Up Chain	COM1	9600	N	8	1	
\mathbf{F}	2	TCP/IP Chain						211.254
•								•

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.



Deleting the registered port will erase all data of panel, access door, and reader. Please use extreme caution when using this function



Panel Definition

Panel Definition explains data definition of iTDC board. Each iTDC device has its own communication address. By address type, the S/W data is defined and communicated. Also, each iTDC can have its own function options, and these options is sent to the devices for application.

Start

Click Set up->Panel Definition or press Ctrl+B button on keyboard.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.



- 3) Select Port No and Panel No as appropriate.
- 4) Click Find to make an inquiry. If inquired result is available, it will display the results.

If find has no specific parameters, it will display the entire information

Add

Add is used to create fresh data. Click Add button to add work type data through input screen.



🚳 P	anel List								×
0	Transm	it 🚉 🛛 Fi	nd 🛃	Add 📝	Modify 🔀	Delete 🐼	Close		
- Fin	d Port Pane	: No	v						
					Panel List				
	Port No	Comm Type	Panel No	Panel Type	Door Type	Panel Name	Memory(ID)	Default	
\mathbf{F}	1	Dial-Up Chain	000	iTDC	4 Door	1.000.PANEL	10000		

1) Click Add button, and the following screen appear.



- 2) Select Port No. It displays only the Port No that was registered in Port Registration.
- 3) Unregistered Panel No. List displays items not selected from Port No. Select the Board No to be registered choosing and clicking >> button or double click the Board No to select, and it will show up on the right hand side Registered Panel No List.



Panel registration must be done one at a time to setup.

It will register one panel number with its basic data for configuration. Click Save button to complete the process.

Repeat the procedure to add additional panels.

- 4) Select Panel Type as iTDC.
- 5) Select Door Type as 2 door, 3 door, or 4 door for operation.
- 6) Input Panel Name. This is a must in order to define the location, when an event occurs to a panel.
- 7) Configure card memory. Depending on card memory setup, the event memory is automatically setup. Configure adequate amount of card and event memory.
- 8) Default Panel value is optional. It is not necessary for operation.
- 9) Click Save button to save data.
- 10) Click Transmit button to send setup data to panel.

When setup is performed for all device, program, and related data, it is not active until transmitted to panel. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the program, and make certain communication is established before using transmit function.

11) Click Close button to finish.

Modify

Modify is used to change existing data inputted. Find data to modify or to change registered panel category.



👸 Pane	el List								×
0	Transmit	t 🔍 🛛 Fir	nd 🧟	Add 🥖	Modify 🔀	Delete 🐼	Close		
-Find -	Port Panel		v						
					Panel List				
P	Port No	Comm Type	Panel No	Panel Type	Door Type	Panel Name	Memory(ID)	Default	
	1	Dial-Up Chain	000	ITDC	4 Door	1.000.PANEL	10000		

5) Click Modify to see the following screen. The Panel Modify is equal to registration screen. However, the Port No cannot be changed, and modify is possible to the selected one panel address.

8 Panel Definition			×
😏 🛛 Transmit 🚩	Save 区	Close	
Port No 1			
Unregistered Panel No. List Board No 000 002 003 004 005 006 007 008 009 010 011 012 013	Registere Board N 000	ed Panel No. List lo Board Name 1,000,PANEL	
Panel Type TDC Door Type 4 Doo Panel Name 1.000. ID No. Memory 10000 Transac Buffer 25000 Deafult Panel T	PANEL		

Modify the items that need changing.

- 6) Click Save button to save the modified information.
- 7) Click Transmit button to send setup data to panel.



When setup is performed for all device, program, and related data, it is not active until transmitted to panel. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the program, and make certain communication is established before using transmit function.

- 8) Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered panel category data.

Selected data is displayed as below figure in highlighted blue bar.

8 F	^o anel List								×
0	Transmi	it 🚉 🛛 Fi	nd 🧾	Add 🥖	Modify 🔀	Delete 🐼 Clo	se		
- Fin	nd Port Panel		•						
					Panel List				
	Port No	Comm Type	Panel No	Panel Type	Door Type	Panel Name	Memory(ID)	Default	
\mathbf{F}	1	Dial-Up Chain	000	iTDC	4 Door	1.000.PANEL	10000		

 Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.



Deleting the registered panel will erase all data of panel, access door, and reader. Please use extreme caution when using this function.

Transmit

This function is used to send the setup functions to the iTDC device for activation. Use Find to search for data transmit or select the data from the registered panel categories to send.



8	Panel List							X
C	🕽 Transmi	t 🔍 🛛 Fii	nd 🙍	Add 🥖	Modify 🔀	Delete 🐼	Close	
F	ind							
	Port	No	•					
	Panel	No						
	1 41101							
					Panel List			
	Port No	Comm Type	Panel No	Panel Type	Door Type	Panel Name	Memory(ID)	Default
▶	1	Dial-Up Chain	000	ITDC	4 Door	1.000.PANEL	10000	

Selected data is displayed as below figure in highlighted blue bar.

3) Click Transmit button. This will send the selected data to the corresponding Panel No for application.

During transmit, if errors do not occur, there are no messages. This means the transmit was completed without disruption.

If an error does occur, detailed explanation is displayed in a message box.

In this case, retransmit the data, but if the error continues, check the communication and iTDC panel for problems.

Biometrics Reader Definition

Biometrics Reader Definition explains data definition of biometrics reader (FGR006, FINGER006). Each Biometrics Reader has its own communication address over 100. By address type, the software data is defined and communicated for biometrics data. Also, each biometrics reader can have its own function options, and these options are sent to the biometrics reader for application.

Start



Click Set up->Biometrics Reader Definition or press Ctrl+C button on keyboard.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.



- 5) Select Loop No. and Biometrics Reader No. as appropriate.
- 6) Click Find to make an inquiry. If inquired result is available, it will display the results.

If find has no specific parameters, it will display the entire information

Add

Add is used to create fresh data. Click Add button to add data through input screen.



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🔘 B	iometrics Reader List							×
Find	u 🔍	Transmit	Add	Modify	🐼 Delete	<u>(</u>	Close	٩
Fin	d	. [
	Loop N Biometrics Reader N	10, 10,						
_				Biometrice Beader Liet				
		une Beader No.	Beader Tune	Beader Name	Beader Mode	Fingerprint Mode	Adaptive Mode	
	01 Serial C	hain 100	FGR006	FGR016	2-RF+Fingerprint	0-Single Mode	0-Not Use	0
•								Þ

a. Click Add button, and the following screen appear.

👌 Biometrics Reader set up			×	<
Transmit 🚓 Save d	Close	3		
Loop No. 01				
Unregistered Biometrics Reader No. List	Registered Biometrics Rea	ider No. List		
Biometrics Reader No.	Reader No. Reader N	ame	Reader Type	
101	100 FGRUUB		FGRUUB	
102				
104				
105				
107				
108				
110				
	,		a 	
Select Biometrics Reader	Biometrics Reader Functio	n		
FGR006	FGR006 FINGER006			
Reader Name	Reader Mode	2-RF+Fingerprint	-	
FGR006	Fingerprint Mode	0-Single Mode	•	
	Adaptive Mode	0-Not Use	•	
Change Mactor Card	Output Mode	0-26Bit Wiegend	•	
	Function Mode	0-Reader Mode	•	
Change				

- b. Select Loop No. It displays only the Loop No. that was registered in Loop Definition.
- c. Unregistered Biometrics Reader No. List displays items not selected from Loop No. Select the Controller No. to be registered choosing and clicking >> button or double click the Controller No. to select, and it will show up on the right hand side Registered Controller No. List.



Biometrics Reader registration must be done one at a time to setup.

It will register one biometrics reader number with its basic data for configuration. Click Save button to complete the process.

Repeat the procedure to add additional biometrics readers.

- d. Select Biometrics Reader Type.
- e. Input Reader Name. This is a must in order to define the location, when an event occurs to a Controller.
- f. Configure Biometrics Reader Function. Each functions is explained in H/W manual
- 14) Click Save button to save data.
- 15) Click Transmit button to send setup data to biometrics reader.
- 16) To change a master card, Input a master card no. to change. Click Change button.

When setup is performed for all biometrics reader, software, and related data, it is not active until transmitted to biometrics. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the software, and make certain communication is established before using transmit function.

17) Click Close button to finish.

Modify

Modify is used to change existing data inputted. Find data to modify or to change registered biometrics reader category.



👌 Bior	metrics Rea	ader List						1			2
Find		🔕 Trans	smit 🤹	Add	(A)	Modify	Ø	Delete	(Close	G
Find [Biometrics	Loop No, Reader No,		¥ ¥							
					Biometric	s Reader List					
L	oop No,	COM Type	Reader No,	Reader Type	Read	er Name	Read	er Mode	Fingerprint Mo	de Adaptive	e Mode
	U1	Serial Chain	100	FGRUU6	FC	iHUU6	2-RF+F	-ingerprint	U-Single Mod	e U-Not	Use
•							П				

9) Click Modify to see the following screen. The Modify is equal to registration screen. However, the Loop No. cannot be changed, and modify is possible to the selected one Controller address.

Biometrics Read	ler set up		4				
Fransmit	Save		CI	ose	4	3	
Loop No.	01						
Unregistered Bior	netrics Reader N	lo. List	Regist	ered Biometric	s Read	er No. List	
Biometrics Read	ier No.		Read	er No. Rea	ader Na	me	Reader Type
100			100	FGF	2006		FGR006
101							
103							
104			-1				
105		<u>>></u>					
107							
108							
109							
111		-1					
			Diama	trian Dandar F	unction		
Select Biometric	s Reader		Biome	lines Reader F	unction		
FGR006		•	FGRI	006 FINGER	006		
Reader Name				Reader] ahoM	2-RF+Fingerprint	•
FGR006				Fingerprint	Mode [0-Single Mode	
				Adaptive 1	Mode [0-Not Use	-
				Output	Mode [0-26Bit Wiegend	
Change Master	Card			Eunction t	Mode [0 Deader Made	
				Tuncautri	"Jue	o reader Mode	
Change							
Change							

Modify the items that need changing.

- 10) Click Save button to save the modified information.
- 11) Click Transmit button to send setup data to biometrics reader.



When setup is performed for all biometrics reader, software, and related data, it is not active until transmitted to biometrics. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the software, and make certain communication is established before using transmit function.

- 12) Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered biometrics reader category data.

Selected data is displayed as below figure in high-lighted blue bar.

👌 Biometrics Reader List							×
Find 🔕	Transmit 🥳	Add	Modify	🎯 Delete	A	Close	3
Find Loop N Biometrics Reader N	D.	- - -					
			Biometrics Reader List				
Loop No, COM T	/pe Reader No,	Reader Type	Reader Name	Reader Mode	Fingerprint Mode	Adaptive Mode	
D 01 Serial C	hain 100	FGR006	FGR006	2-RF+Fingerprint	0-Single Mode	0-Not Use	0
۲							

- 3) Click Delete button. Click Yes button to delete or No button to cancel.
- Transmit

This function is used to send the setup functions to the biometrics reader for activation. Use Find to search for data transmit or select the data from the registered biometrics reader categories to send.



Find		amit d	Rdd	Madifi	Delete	12	Close
Find		ismit g	800	Modiny		<u> </u>	Close
Find							
	Loop No		-				
Biomet	rics Beader No.						
Diomo.			<u> </u>				
1				Biometrics Reader List			
Loop No	o, COM Type	Reader No,	Reader Type	Reader Name	Reader Mode	Fingerprint Mode	Adaptive Mode
01	Serial Chain	100	FGR006	FGR006	2-RF+Fingerprint	0-Single Mode	0-Not Use
11							

4) Click Transmit button. This will send the selected data to the corresponding biometrics reader No. for application.

Door/Reader Definition

Door/Reader definition explains door and reader data. Door and reader are connected to each iTDC Controller. Therefore, software needs to be defined regarding the door and reader data to control event occurrence and iTDC controller.

Start

Click Set up->Door/Reader Definition or press Ctrl+C button on keyboard.



Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.

8	Reader set	uņ					-			×
F	ind	🔕 🛛 Trans	mit	🔬 Add	4	Modify	🎯 Dele	ete	Close 👌	٩
-	Find _									
	Cont	Loop No.		• •						
Γ					Reader	List				
1	Loop No,	Controller No.	Door No,	Door Name	Reader No.	Reader Name	Rea	ider Mode	BF Only Mode	
	01	000	1	Door#1	1	Reader #1	F	RF Only	Not Use	
	01	000	2	Door #2	2	Reader #2	F	RF Only	Not Use	
	01	000	3	Door#3	3	Reader#3	F	RF Only	Not Use	
	01	000	4	Door#4	4	Reader#4	5	RF + PW	Not Use	
	(

- 3) Select Loop No. and Controller No. as appropriate.
- 4) Click Find to make an inquiry. If inquired result is available, the following screen appears.

If find has no specific parameters, it will display the entire information

Add

Add is used to create fresh data. Click Add to add Door/Reader data through the input screen.



8	Reader set u	цр		- 1							×
Fir	nd	🔕 Trans	smit		Add	4	Modify	Ø	Delete	Close	٩
E	ind				1						
		Loon No		•							
	0										
	Cont	roller No.		-							
					11	Reader	List				
1	Loop No,	Controller No.	Door No,	Door N	ame	Reader No.	Reader Name		Reader Mode	RF Only Mode	-
Þ	01	000	1	Door #1	1	1	Reader #1		RF Only	Not Use	
	01	000	2	Door #2	2	2	Reader #2		RF Only	Not Use	
	01	000	3	Door#3	3	3	Reader #3		RF Only	Not Use	
	01	000	4	Door #4	4	4	Reader #4		RF + PW	Not Use	

12) Click Add button and the following screen appear.

🖇 Reader & Doc	r Definition					
Transmit		Save	4	Close	(٢)	
с	Loop No. Controller No. ontroller Name Door Type	000 💽 1000 💽 1TDC,000 2 Door			Anti-Passbacl	< Normal Mode
Access Door 1	Access Door	2]				
Door Into. – Door I Door I Do	Area (Location) Floor (Location) Door Name or Contact Type Door Lock Type 9 Duress Mode ress Password	Area #1 DIF ¥ Door #1 NO ¥ NO ¥			Reader Info. (IN) Reader Typ Reader Nam Reader Mod RF Only Mode Timeschedul RE Only Mode Timeschedul Reader Info. (OUT) Reader Typ	e (RF Reader) e Reader #1 e (RF Only (Not Apply Timesch) e (Not Use) e (RF Reader)
					Reader Nam Reader Mod RF Only Mode Timeschedul	e Reader #2 e (RF Only (Not Apply Timesch 👻 e Not Use 💽

- 13) Select Loop No. and Controller No. Once Controller No. is selected, depending on door type definition, it will display as above example of 2 Door tabs (Access door 1, Access door 2)
 - In 3 Door definition, it will display tabs (Access door 1, Access door 2, Access door 3)

In 4 Door definition, it will display tabs (Access door 1, Access door 2, Access door 3, Access door 4)

- 14) Anti-Passback is configured. (For detailed explanation, refer to chapter 4 initial setup)
- 15) Input Door Info with area, floor, and name. Area and floor data is according to current installed access doors. (Configure the area/floor of access door through Database->Area/Floor Definition)



For Door Name, input easily identified name for definition.

- 16) Access door contact type and lock type is optional.
- 17) Select Duress Mode if to be used, and input a 2-digit password to use Duress.
- 18) Input data for Reader (In) and Reader (Out).

For Reader Name, input easily identified name for definition.

For Reader Mode, select whether using card ID or card + password for operation. (You will need keypad reader to use this setup). **For all time schedules** upon selecting card + password selection, you can configure to use depending on time to use card ID or card + password in specified time to change automatically. (This function is connected to time schedule for detailed explanation, refer to chap. 4)

Configure Reader (In) and Reader (Out), if using 1 access door with 2 readers as In and Out, but if using only 1 reader, configure Reader (In) only.

If using 2 doors, configure In and Out reader or In only for all doors. If using 3 doors, 1 door can be configured as In and Out reader, and the 2 doors as In reader only. If using 4 doors, all doors are configured as In reader only.

- 19) Use the above method to configure each door (Access door 1, Access door 2, Access door 3, and Access door 4) information for operation.
- 20) Click Save button to save.
- 21) Click Close button to transmit setup data to iTDC controller.

When setup is performed for all controller, software, and related data, it is not active until transmitted to Controller. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the software, and make certain communication is established before using transmit function.

- 22) Click Close button to finish.
- Modify

Modify is used to change existing data inputted. Find data to modify or to change registered reader category.



End Add Modify Delete Close Find		ier set up	μ		and Transac				1
Find Loop No. Seader List Loop No. Controller No. Door No. Door #1 1 Reader Mode BF Only. Not Use 01 000 1 Door #1 1 Reader #2 RF Only. Not Use 01 000 2 Door #2 2 Reader #2 RF Only. Not Use 01 000 3 Door #3 3 Reader #3 RF Only. Not Use 01 000 4 Door #4 4 Reader #4 RF + PW Not Use	Find		(Q) Trans	mit	Add	4	Modify	⊘ Delete	Close
Reader List Loop No. Controller No. Door No. Door Name Reader No. Reader Name Reader Mode BF Only. Mode 01 000 1 Door #1 1 Reader Name Reader Mode BF Only. Mode 01 000 2 Door #2 2 Reader #2 RF Only Not Use 01 000 3 Door #3 3 Reader #3 RF Only Not Use 01 000 4 Door #4 4 Reader #4 RF + PW Not Use 01 000 4 Door #4 4 Reader #4 RF + PW Not Use	Find —	L Contro	oop No.		·	L			
Loop No. Controller No. Door No. Door Name Reader No. Reader Mode RF Only Not Use 01 000 1 Door #1 1 Reader #2 RF Only Not Use 01 000 2 Door #2 2 Reader #2 RF Only Not Use 01 000 3 Door #3 3 Reader #2 RF Only Not Use 01 000 4 Door #3 3 Reader #2 RF Only Not Use 01 000 4 Door #4 4 Reader #4 RF + PW Not Use						Reader L	.ist		
01 000 1 Door#1 1 Reader#1 RF Only NotUse 01 000 2 Door#2 2 Reader#2 RF Only NotUse 01 000 2 Door#3 3 Reader#3 RF Only NotUse 01 000 4 Door#4 4 Reader#3 RF Only NotUse 01 000 4 Door#4 4 Reader#4 RF + PW NotUse	Loc	op No,	Controller No.	Door No,	Door Name	Reader No,	Reader Name	Reader Mode	RF Only Mode
01 000 2 Door #2 2 Reader #2 RF Only Not Use 01 000 3 Door #3 3 Reader #3 RF Only Not Use 01 000 4 Door #4 4 Reader #4 RF + PW Not Use	>	01	000	1	Door #1	1	Reader #1	RF Only	Not Use
01 000 3 Door #3 3 Reader #3 RF Only Not Use 01 000 4 Door #4 4 Reader #4 RF + PW Not Use		01	000	2	Door #2	2	Reader #2	RF Only	Not Use
01 000 4 Door#4 4 Reader#4 RF + PW Not Use		01	000	3	Door#3	3	Reader #3	RF Only	Not Use
		01	000	4	Door #4	4	Reader #4	RF + PW	Not Use

5) Click Modify to see the following screen. The Reader/Door Definition is equal to registration screen. However, the Loop No. and Controller No cannot be modified.

Reader & Door Definition		-			2
Transmit 😪	Save	Close Close	٩		
Loop	No. 01				
Controller	No. 000				
Controller Na	me ITDC.000		Anti Decebeek	Normal Mode	
Door Ty	/pe 2 Door		Andrassback		
Access Door 1 Access Do	or 2				
-Door Into.		1	Reader Info. (IN)		_
Area (Locati	on) Area #1	•	Reader Type	RF Reader	
Door Floor (Locati	on) 01F 💽				
Door Na	me Door #1		Reader Name	Reader#1	
n			Reader Mode	RF Only (Not Apply Timesch 🗨	
Door Contact Ty	/pe NO 🔽		RF Only Mode Timeschedule	Not Use	
Door Lock Ty	/pe NO 💽		Reader Info. (OUT)		
Use Duress Mo	de 🔽		Reader Type	RF Reader	
Duress Passwi	ord _**				
			Reader Name	Reader #2	
			Reader Mode	RF Only (Not Apply Timesch 👻	
			RF Only Mode Timeschedule	Not Use	
			,		

- 6) Modify category that needs changing. Once completed, click Save button to save modified data.
- 7) Click Transmit button to send setup data to iTDC Controller.

When setup is performed for all controller, software, and related data, it is not active until transmitted to Controller. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the software, and make certain communication is established before using transmit function.



8) Click Close button to finish.

Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered data.

Selected data is displayed as below figure in highlighted blue bar.

8	Reader set u	ıp										×
Fin	d	🔕 Trar	ismit	-	Add	4	Modify	Ø	Delete	(a)	Close	٩
Fi	nd I Conti	Loop No.		•								
Ē						Reader	List					
	Loop No,	Controller No	Door No.	Door Na	me	Reader No.	Reader Name		Reader Mode	RF 0	nly Mode	T
Þ	01	000	1	Door#1		1	Reader #1		RF Only	Not U	se	
	01	000	2	Door #2		2	Reader #2		RF Only	Not U	se	
	01	000	3	Door#3		3	Reader #3		RF Only	Not U	se	
	01	000	4	Door #4		4	Reader #4		RF + PW	Not U	se	
1												•

2) Click Delete button. Click Yes button to delete or No button to cancel.

Transmit

This function is used to send the setup functions to the iTDC controller for activation. Use Find to search for data transmit or select the data from the registered reader categories to send.



ø	Reader set u	ip 👘										×
Fir	nd	т 🕥	ransmit	🛞 A	dd	4	Modify	Ø	Delete	(Close	٩
Fi	nd L Contr	_oop No.		•								
					4M.	Reader	List					
	Loop No,	Controller I	No. Door No.	Door Nan	ne	Reader No.	Reader Name		Reader Mode	BF On	ly Mode	
	01	000		Door#1			Reader #1	Ĩ.	RF Only	Not Us	e	
	01	000	2	Door#2		2	Reader #2		RF Only	Not Us	е	
	01	000	3	Door#3		3	Reader #3		RF Only	Not Us	е	
-	01	000	4	Door#4		4	Reader #4		RF + PW	Not Us	e	

5) Click Transmit button. This will send the selected data to the corresponding Controller No for application.

During transmit, if errors do not occur, there are no messages. This means the transmit was completed without disruption.

If an error does occur, detailed explanation is displayed in a message box.

In this case, retransmit the data, but if the error continues, check the communication and iTDC Controller for problems.

In/Output Definition

In/Output Definition configures signal activation for specific outputs when an input signal occurs. It also sets how long in seconds the output signal will activate.

It is also possible to setup a user preferred text display, when an input signal type occurs.

Depending on In/Output panel door type setup, the data in reference to In/Output signal using iTDC default value is automatically created and stored in the database. For this reason, the user does not have to Add or Delete, but the In/Output signal, activated time, and point of input can be modified and transmitted.



There is not add/delete function for input/output point information.

Input/Output data are automatically selected based on door type entered from panel set up.

Because this data is registered by default setting value of iTDC, user dose not need to add or delete data. Only modification is available to change setting value of input/output and download modified data to control iTDC. .

Input/output data in selected iTDC are automatically deleted when user deletes panel from panel setting.

Refer hardware manual to setting default value for input/out based on door type.

Start

Click Set up->Input/Output Definition List or press shortcut key Ctrl+E.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.

iput/Output	Definition I	List						X
Transm	nit 🔍	Find 🥖	Modify 💽	Close				
	a t N		_					
Port	NO.	•						
Panel	No							
1 unci	140.]							
rmal Definit	tion Adva	nce Definition (R	eader 1) 🛛 Advance 🛛	Definition (Reader 2) 📔 Advance	e Definition (Read	er 3) 🕴 Advance 🛛	efinition (Reade	r 4)
				Normal Definition				
Port ID	Panel ID	Input Point No.	Input Point Name	Input Point Type	Output 1 (sec)	Output 2(sec)	Output 3(sec)	Ou
1	000	01	Exit Button	Exit Button	03	00	00	
1	000	02	Door Contact	Door Contact	00	03	00	
1	000	03	Exit Button	Exit Button	00	00	03	
1	000	04	Door Contact	Door Contact	00	00	00	
1	000	05	Input 5	Input 5	00	00	00	
1	000	06	Input 6	Input 6	00	00	00	
1	000	07	Input 7	Input 7	00	00	00	
1	000	08	Exit Button	Exit Button	00	00	00	
1	000	09	Door Contact	Door Contact	00	00	00	
1	000	10	Exit Button	Exit Button	00	00	00	
1	000	11	Door Contact	Door Contact	00	00	00	
1	000	12	Extension Input 5	Extension Input 5	00	00	00	
1	000	13	Extension Input 6	Extension Input 6	00	00	00	
1	000	14	Extension Input 7	Extension Input 7	00	00	00	
1	000	15	Extension Input 8	Extension Input 8	00	00	00	
	Port/Output Transm Port Panel rrmal Defini Port ID 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Port/Output Definition Transmit Port No. Panel No. Panel No. Port ID Panel ID 1 000	Port/Output Definition List Transmit Find Image: Second Seco	Port/Output Definition List Transmit Find Modify Solution Port No. Image: Solution (Reader 1) Advance Definition (Reader 1) Advance Definition (Reader 1) Panel No. Image: Solution (Reader 1) Advance Definition (Reader 1) Advance Definition (Reader 1) Port ID Panel ID Input Point No. Input Point Name 1 000 01 Exit Button 1 000 03 Exit Button 1 000 04 Door Contact 1 000 05 Input 6 1 000 06 Input 6 1 000 08 Exit Button 1 000 10 Exit Button 1 000 10 Exit Button 1 000 11 Door Contact 1 000 12 Extension Input 5 1 000 13 Extension Input 8 1 000 14 Extension Input 8 1 000	put/Output Definition List Transmit Find Modify Close Port No. T Panel No. T Port No. T Panel No. T Port ID Advance Definition (Reader 1) Advance Definition (Reader 2) Advance Normal Definition Port ID Panel ID Input Point Name Input Point Type Normal Definition Port ID Panel ID Input Point Type 1 ODO O1 Exit Button Exit Button Exit Button Exit Button 1 000 06 Input 5 Input 6 Input 7 1 000 03 Exit Button Exit Button Exit Button 1 000 04 Door Contact Door Contact Door Contact 1 000 07 Input 7	Port No. Image: Second	Port No. Close Port No. Image No. Panel No. Image No. Image No. Image No. Image No. Image No. Image No. Image No. Image No. Image No. Normal Definition (Reader 1) Advance Definition (Reader 3) Normal Definition Normal Definition Normal Definition (Reader 3) Advance Definition (Reader 3) Advance Definition (Reader 3) Advance Definition (Reader 3)	Ind Modify Close Port No. Panel No. Panel No. Port ID Panel ID Input Point Name Input Point Type Output 1(sec) Output 2(sec) Output 3(sec) 1 000 01 Exit Button Exit Button 03 00 00 1 000 02 Door Contact Door Contact 00 03 00 1 000 03 Exit Button Exit Button 00 00 00 1 000 05 Input 5 Input 5 00 00 00 1 000 03 Exit Button Exit Button 00 00 00 1 000 03 Door Contact Door Contact

- 1) Select Port No and Panel No as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available it will display the results.



If find has no specific parameters, it will display the entire information

Modify

Input/Output Point is automatically setup in default value depending on door type. However, if the user modifies the Input/Output status, you can activate the Point differently.

Select the Input Point of the panel to be modified. Selected data is highlighted.

👌 In	put/Output	Definition l	_ist						X				
0	Transm	iit 🚉	Find 🥖	Modify 🐼	Close								
	Port	No.	•										
	Panel	No.	•										
No	Normal Definition Advance Definition (Reader 1) Advance Definition (Reader 2) Advance Definition (Reader 3) Advance Definition (Reader 4)												
	Normal Definition												
	Port ID Panel ID Input Point No. Input Point Name Input Point Type Output 1(sec) Output 2(sec) Output 3(sec) O												
►	1	000	01	Exit Button	Exit Button	03	00	00					
	1	000	02	Door Contact	Door Contact	00	03	00					
	1	000	03	Exit Button	Exit Button	00	00	03					
	1	000	04	Door Contact	Door Contact	00	00	00					
	1	000	05	Input 5	Input 5	00	00	00					
	1	000	06	Input 6	Input 6	00	00	00					
	1	000	07	Input 7	Input 7	00	00	00					
	1	000	08	Exit Button	Exit Button	00	00	00					
	1	000	09	Door Contact	Door Contact	00	00	00					
	1	000	10	Exit Button	Exit Button	00	00	00					
	1	000	11	Door Contact	Door Contact	00	00	00					
	1	000	12	Extension Input 5	Extension Input 5	00	00	00					
	1	000	13	Extension Input 6	Extension Input 6	00	00	00					
	1	000	14	Extension Input 7	Extension Input 7	00	00	00					
	1	000	15	Extension Input 8	Extension Input 8	00	00	00					
1													
		000 000 000 000 000 000 000 000 000 000	08 09 10 11 12 13 14 15	Exit Button Door Contact Exit Button Door Contact Extension Input 5 Extension Input 6 Extension Input 7 Extension Input 8	Exit Button Door Contact Exit Button Door Contact Extension Input 5 Extension Input 6 Extension Input 7 Extension Input 8	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00					

- 1) Click Modify button.
- 1) Input Point sets which outputs of the iTDC board will occur from receiving the input signal from the iTDC board.

Also, when an Input Point type and corresponding Input Point occurs, the text display and specified time of signal occurrence success or failure can be setup.



8 Input/Output Definition	×
😏 Transmit 🏏 Modify(F2) 🐼 Close(F4)	
Port No. 1	
Panel No. 000	
Normal Definition Advance (Reader 1) Advance (Reader 2) Advance (Reader	3) Advance (Reader 4)
Input Point No. 01 Input Type Exit Button	T
Area (Location)	
Floor (Location)	
Output 1 (sec) 03 🔽 Output 2 (sec) 00 💌 Output 3 (sec) 00 💌	Output 4(sec) 00 💌
Output 5(sec) 00 🔽 Output 6(sec) 00 💌 Output 7(sec) 00 💌	1
Output 8(sec) 00 💌 Output 9(sec) 00 💌 Output 10(sec) 00 💌	Output 11 (sec) 00 💌
Output 12(sec) 00 💌 Output 13(sec) 00 💌 Output 14(sec) 00 💌	Output 15(sec) 00 💌

- 2) Select Area and Floor Location. Selecting the location of input signal occurrence lets the user check where the event location occurred.
- 3) For Input Point name, input the letters displayed in the event window that corresponds to the input signal occurrence.
- 4) Decide which outputs will activate in Output 1-15, when an input signal occurs. The input value for the Output is setup in seconds.

00 sec for input will result in no signal for the corresponding output. Selecting from 01-99 sec will let the output activate for specified seconds.

- 5) Click Save button to save.
- 6) Click Transmit to send to iTDC device.

When setup is performed for all device, program, and related data, it is not active until transmitted to panel. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the program, and make certain communication is established before using transmit function.

7) Click Close button to finish.

Normal setting defines input form other devices which are connected to iTDC and which output is activated based on input type which means input type can be changed by user. However, some of specific setting input values are fixed as exit and door contact depends on door type. (Refer hardware manual for detail)

Advanced set-up dose not accept signal from other devices selected by user. Because advanced set up is fixed for internal input signal, specific value must be received.

Therefore, Input type or name can not be entered when user modifies advanced set up.



Modification of advanced set up allows changing output type and activation time based on input signal

In/Output Timeschedule & Signal Type

Configures Time Schedule of Input/Output Point activation. This is connected to the Time Schedule, and the user can modify the signal occurrence of Input/Output Point.

Basically, iTDC create signal for all inputs when it receives input signal. Moreover iTDC create output signal when any output signal is received.

However, input and output signal can be controlled by timeschedule. User may be able to activate input/output only based on time schedule.

This function applied for connecting sensor in case of input, for connecting door lock in case of output.

If you connect the sensor in specific input relay, it occurred event anytime, day and night detecting the situation.

This case, surplus of event cause slowing the processing, which cause that the useless information would be stored.

If you set the time schedule for input point connected sensor, like 08:00~18:00 which not works during set time. Sensor works during 18:01~07:59. Except above time , the event will not occurred ,even the sensor works.

Incase of output, if you connect the door lock to certain output, depending on the output status, which keep the continuously lock or release.

But in working hours (like day time), you can set up the open the door, after working hours, dawn, automatically keep the close the door, if the registered card is presented the door once open.

In case output, within the time schedule, keep unlock, except this time, keep the lock the door.

Start

Click Set up->Input/Output Definition List or press shortcut key Ctrl+E.

Find



Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.

8 Ir	Input/Output Timeschedule & Input Signal Type Definition												
0	Transm	iit 🔍	Find 🥖 Moo	lify(F2)	\odot	Close(F4)							
Fin	d Condition	·											
	Po	rt No.	_										
	Pan	el No.	•										
Inp	ut Point Tin	neschedule	e List Output Times	chedule	List	Input Point Signa	Type List (1	NC,NO)					
	Input Point Timeschedule List												
	Port No.	Panel	Input 1 Timesched	lule	Input:	2 Timeschedule	Input 3 T	ïmeschedule	Input 4 Timesch				
Þ	1	000	Default			Default	C)efault	Default				
									<u> </u>				

- 1) Select Port No and Panel No as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available it will display the results.

If find has no specific parameters, it will display the entire information

Modify

Select the Input Point of the panel to be modified. Selected data is highlighted.

👌 Input/Output Times	chedule & Input Signal Type	Definition		×							
📀 🛛 Transmit 🕵	Find 🥖 Modify(F	F2) 🐼 Close(F4)									
Find Condition											
Port No.	▼										
Panel No.	•										
Input Point Timeschedule List Output Timeschedule List Input Point Signal Type List (NC,NO)											
	Inp	ut Point Timeschedule List									
Port No. Pane	Input 1 Timeschedule	Input 2 Timeschedule	Input 3 Timeschedule	Input 4 Timesch							
1 000	Default	Default	Default	Default							
				Þ							
				•							



1) Click Modify button.

8 Inj	put/Output Definition							×
0	Transmit 🚩	Save 🐼	Close					
	Port No. 1 Panel No. 000							
Inp	ut Point Timeschedule	Output Point Time	schedule in	put Type (NC,NO)				
	Input Point 1 Default	Input Point 2 Default	•	Input Point 3 Default	•	Input Point 4 Default	•	
	Input Point 5 Default	Input Point 6 Default	•	Input Point 7 Default	•			
	Input Point 8 Default	Input Point 9	•	Input Point 10 Default	•	Input Point 11 Default	•	
	Input Point 12 Default	Input Point 13 Default	-	Input Point 14 Default	•	Input Point 15 Default	-	

 Clicking the DropDownCombo of corresponding Input Point will display the contents setup in Time Schedule. Select the time schedule to apply.

Default value for Time schedule content means it will not be applied. However, when an input occurs the signal is taken care of at that moment with a resulting event occur.

- 3) Click Save button to save.
- 4) Click Transmit button to send to iTDC device.

When setup is performed for all device, program, and related data, it is not active until transmitted to panel. It is possible the transmit function may not work properly.

Complete all initial setup and reboot the program, and make certain communication is established before using transmit function.

5) Click Close button to finish.

Output Point Time Schedule setup method and Input Point setup method is identical.



	Port No. 1											
Insut D												
Invit D	Panel No. 000									-		
	oint Timeschedule	1.00	tnut Point Tin	heerhedul	le l In	inut Type (NC NO)	1					
		100	parronnin	escriedan		ipat Type (140,140)					1	
Inp	ut Point 1		Input Point 2			Input Point 3		Input Point 4		_		
JD6	efault	-	Default		-	Default	•	Default		<u>-</u>		
Inp	ut Point 5		Input Point 6			Input Point 7						
De	efault	•	Default		•	Default	•					
Inn	ut Boint 9		Input Doint 0			Input Point 10		Input Point 11		-		
De	efault	-	Default		-	Default	•	Default	1	न		
len	ut Point 12		Input Point 4	2		Input Point 14		Innut Point 15		_		
De	efault	-	Default	2	-	Default	-	Default		-		
,						,			-	_		
licki	na the Dror	ndou	vn Com	ho of c	COR	respondina	Innut	Point will	disnlar	v the		SA
lickii	ng the Drop	odov	vn Com	bo of c	corr	responding	Input	Point will	display	y the	contents	set
Clickii Time	ng the Drop Schedule.	odov Sel	vn Com əct the t	bo of c ime sc	corr	responding dule to appl	Input ly, the	Point will n click Sa	display ive and	y the o d Trai	contents	set ton
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Clickii Time config You c levice	ng the Drop Schedule. gure. can configui es (Exit, Co (Output Definition	odov Sel re si ontac	vn Com ect the t gnal hai ct, Sens	bo of (ime sc ndling or, etc	corr che me c) s	responding dule to app ethod of iTD signal is NC	Input ly, the C, if th or No	Point will n click Sa he Input F C.	display ave and Point T	y the o d Trai ype c ₂	contents nsmit but	set tton
Clickii Time Config You c levice	ng the Drop Schedule. gure. can configui es (Exit, Cc ^{(Output Definition} Transmit 🖌	odov Sel re si ontac s:	vn Com ect the t gnal har ct, Sens	bo of c ime sc ndling or, etc	corr che me	responding dule to app ethod of iTD signal is NC	Input ly, the C, if th	Point will n click Sa he Input F C.	display ive and Point T	y the o d Trai ype c	contents ismit but	set tton
Clickii Time config You c levice	ng the Drop Schedule. gure. can configui es (Exit, Co 'Output Definition Transmit V	odov Sel re si ontac Sa	vn Com ect the t gnal hai ct, Sens	bo of c ime sc ndling or, etc	corr che me c) s	responding dule to app ethod of iTD signal is NC	Input ly, the C, if th	Point will n click Sa he Input F C.	display ive and Point T	y the d d Trai ype c	contents asmit but onnected	set tton
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Clickin Fime config /ou c levice 3 Input/ 0 -	ng the Drop Schedule. gure. can configui es (Exit, Co Qutput Definition Transmit Port No. 1 Panel No. 000 Pont No. 1 Panel No. 000 oint Timeschedule ut Point 1 efault	odov Sel re si nntad se	vn Com. ect the t gnal hai ct, Sens ve © uput Point 1 perault Input Point 6 Default	bo of c ime sc ndling or, etc Close		responding dule to appo ethod of iTD signal is NC	Input ly, the O, if the O or No	Point will n click Sa he Input F C.	displaț ive and Point T	y the d d Trai	contents nsmit but	set ton d in _l
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Clicking the Dropdown Combo of corresponding Input Point will display the NO and NC contents. Select the value to apply then click Save and Transmit button to configure.

System Management (Set Date&Time)

This function resets the device clock and date in iTDC. In general, initial installation of iTDC result in incorrect time data. Use this function to modify date and time.

Start



Click Set up->System Management->Set Time or press shortcut key Ctrl+G.

Setup

<u>8</u> S	et System Ma	anagement	×
0	Apply	🐼 Close	
Se	et Time Set Ii	nitialize	
C	ate & Week	2003-01-25 💌 Saturday 💌	
	Time	PM 1 :18:10	
		System List	
		1 - 000 - 1.000.PANEL	
		Select All Cancel All	
		<u>.</u>	

- 1) Change Date, Week, and Time value. (Displayed default value is time and date of PC based)
- 2) Select System List to define which iTDC device to Transmit to.
- 3) Click Transmit button to complete setup.

System Initialize

This function is used to setup default status for all stored data or specified part in iTDC device.

System Initialize is differentiated as System Initialize, Card Data Initialize, Event Data Initialize, and Time Schedule Initialize.

- > System Initialize: Setup of all stored data in iTDC to default value.
- > Card Data Initialize: Setup of stored card data in iTDC to default value.
- > Event Data Initialize: Setup of stored event data in iTDC to default value.
- Time Schedule Initialize: Setup of stored time schedule and work holiday data in iTDC to default value.
- Start

Click Set up->System Management->System Initialize or press shortcut key Ctrl+H.

Setup




- 1) Select Initialize Type.
- 2) Select the System List to initialize.
- 3) Click Transmit button to initialize.

You must make certain Initialize Type is correct, before activating it. Also, use the function with caution, because the data is deleted in this function.

Dial-Up Connection

Dial-Up Connection uses standard phone line to connect to a remote device for communication. External modems are required for each site at remote and host to connect by phone line.

Also, Dial-Up Connection Management can be used to manage multiple location registration, and when needed initiate the location's remote device and communication.

Refer to chapter 8 (STARWATCH iTDC PRO I Dial-Up Communication) for detailed information.

Start

Click Set up->System Management->Dial-Up Connection List or press shortcut key Ctrl+G.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.



ø	Dial-Up Coni	nection List					×
\mathbf{igsim}) [Dial 💢 🛛 Hang up 🤇	P. F	ind 🧾 🛛 A	id 🎽 Modify	🗙 🛛 Delete 🌘	🕥 Close
Fi	n d Condition Por Phone	t No. 🔽					
			[Dial-Up Connection I	_ist		
	Port No.	Dial-Up Chain Name	Out Line	Out Line No.	Remote Phone No.	Auto Dial	Connection
►	1	Dial - Up			130	V	13:03:0
1							

- 1) Input Find Condition
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.

If find has no specific parameters, it will display the entire information

Add

Add is used to create fresh data. Click Add button to add Dial-Up Connection area data through input screen.

8)ial-Up Conr	nection List			_		×
O	C	bial 💢 🛛 Hang up	P F	Find 👩 🛛 4	sdd 🥖 🛛 Modify	🔀 Delete	🐼 Close
Fi	n d Condition Port Phone	t No.					
				Dial-Up Connection	List		
	Port No.	Dial-Up Chain Name	Out Line	Out Line No.	Remote Phone No	Auto Dial	Connection
	1	Dial - Up			130		13:03:0
•							ŀ

1) Click Add button, and the following screen appears.



🐃 Dial-Up Connection Defir	nition		×
📀 🛛 Dial 💥	Hang Up 🚩	Save 🐼	Close
Connection Statu	IS		
Port N	0.		
Dial-Up Chain Nam	ne 🗌		
Out Lin	ne 🗖 🛛 Out Line No. 🗌		
Remote Phone N	0.		
Auto Dial-Up Connectio	in 🗖		
Dial-Up Connection Tim	ie 00:00:00		
Dial-Up Disconnection Tim	ie 23:59:59 🖶		

- 2) Select Port No. You can only select the port that was configured for Dial-Up Connection.
- 3) Input Dial-Up Chain Name.
- 4) Check mark Out Line if setup, and input Out Line No.
- 5) Input Remote Phone No. connected to remote modem.
- 6) Check mark Auto Dial-Up Connection if setup, and configure connection and disconnection time.

When configuring Auto Dial-Up Connection, make certain that connection and disconnection time does not overlap in multiple location setup. This will cause abnormal operation.

7) Click Save button to save input data. Click Close button to finish.

In Dial-Up Connection, connection failure can be frequent depending on phone line and modem status. This is a special characteristic occurrence, and if 2-3 reattempts are made normal connection is established.

Dial

Dial can be used in Dial-Up Connection List, Add, and Modify screen, but we recommend use as possible in the Dial-Up Connection List screen.



😸 Dial-Un Coni	nection List						×
)	Dial 🔀 🛛 Hang	up 🔍	Find 🛃	Add 🥖	Modify 🔀	Delete 🌘	Close
-Find Condition Por Phone	rt No.						
			Dial-Op Connectio	n List			
Port No.	Dial-Up Chain Nam	e Out Line	Out Line No.	Remote	Phone No.	Auto Dial	Connection
	Dial - Up				130	<u> </u>	13:03:0
							<u>•</u>

- 1) Use Find to locate connection or select from Dial categories to connect. Selected location is highlighted.
- 2) Click Dial for connection attempt.
- Hang Up

\delta Dial-Up Con	nec <mark>tion List</mark>					×
()	Dial 💢 🛛 Hang up	R FI	ind 🤬 🛛 Ai	dd 📝 🛛 Modify	🔀 Delete	🐼 Close
Find Condition	rt No.					
		[Dial-Up Connection	List		
Port No.	Dial-Up Chain Name	Out Line	Out Line No.	Remote Phone No.	Auto Dial	Connection
	Dial - Up			130		13:03:0

- 1) Select current established connect location.
- 2) Click Hang Up to disconnect.
- Modify

Modify is used to change existing data inputted. Find data to modify or to change registered content.



Dial X Hang up X Find Image: Find Image: Add Modify X Delete Image: Close Close Port No. Find Condition Port No. Image: Close Phone No. Image: Close Phone No. Port No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Port No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Port No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone No. Image: Close Phone Phone No. Image: Close Phone Phone No. Image: Close Phone Phone Phone Phone No. Image: Close Phone P	ø	Dial-Up Conr	nection List				-	×
Find Condition Port No. Phone No. Dial-Up Connection List Port No. Dial-Up Chain Name Out Line Out Line No. Remote Phone No. Auto Dial Connection 1 Dial-Up 130 13:03:0	Ð	C	Dial 💢 🛛 Hang up	P F	Find 🤬 🛛 A	dd 🥖 Modify	🔀 Delete (🔕 Close
Dial-Up Connection List Port No. Dial-Up Chain Name Out Line Out Line No. Remote Phone No. Auto Dial Connection 1 Dial-Up 130 130 13:03:0	Fi	nd Condition Por Phone	t No.				-	
Port No. Dial-Up Chain Name Out Line Out Line No. Remote Phone No. Auto Dial Connection 1 Dial-Up 130 130 13:03:0					Dial-Up Connection	List		
1 Dial-Up 130 2 13:03:0		Port No.	Dial-Up Chain Name	Out Line	Out Line No.	Remote Phone No.	Auto Dial	Connection
	▶	1	Dial - Up			130		13:03:0

1) Select data to Modify, then click Modify button.

💐 Dial-Up	Connection Definiti	on		×
\bigcirc	Dial 🔀	Hang Up 🚩	Save 🐼	Close
	Connection Status	•		
	Port No.	1		
D	ial-Up Chain Name	Dial - Up		
	Out Line	Out Line No.		
	Remote Phone No.	130		
Auto I	Dial-Up Connection			
Dial-U	p Connection Time	13:03:00 🛨		
Dial-Up [Disconnection Time	13:30:00 🛨		

- 2) Click Save button after data is modified to save.
- 3) Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content data.

Selected data is displayed as below figure in highlighted blue bar.



8	Dial-Up Conr	nection List									×
C)ial 💢	Hang up 🕻	P F	Find 🔬	Add	/	Modify	🗙 Delete	\odot	Close
F	ind Condition Por Phone	t No.	T					L			
					Dial-Up Conr	nection Lis	st				
	Port No.	Dial-Op Cr	hain Name	OutLine	OutLine	NO.	Remote	Phone No.	Auto Diai		Connection
	1	Dial	- Up					130			13:03:0
•											

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.

💳 Dial-Up Connectio	in List 🔀					
1 : Dial - Up - Would you delete?						
Yes(Y)	X No(N)					

Database

Database menu contains functions for Company, Department, Title, Area Data, Map Management, User Management, Database Management, and Access Control Option. It is recommended to input as possible all data, because they are used as basis in initial input data for Access Control and Time & Attendance.

Company Definition

Input company name using the system.

Start

Click Database->Company List or press shortcut key Ctrl+L.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.



8	Com	pany List				×			
Q		Find 🔬	Add 🅖	Modify 汝	C Delete	• 😧	Close		
- Fi	nd —								
		Company Cod							
	Company Name								
			Co	ompany List					
		Company Code	Company	/ Name					
►	01		Luis Company						
	02		ROUTE55 Inc.						

- 1) Input Company Code and Company Name as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.

If find has no specific parameters, it will display the entire information

Add

Add is used to create fresh data. Click Add button to add Dial-Up Connection area data through input screen.

8	Company List 🔣 🔜 🔀										
Ő,	Find	i 💽	Add 🥖	Modify 🄰	🕻 Delete	C 🖸	lose				
-Fi	Find										
	Corr	ipany Code	·								
	Company Name										
			Co	mpany List							
	Compan	y Code	Company	/ Name							
►	01		Luis Company								
	02		ROUTE55 Inc.								

1) Click Add button, and the following screen appears.

8 €	👸 Company Definition								
\checkmark	Save 区	Close							
	Company Code								

- 2) Input Company Code. If using a registered code, it will not register and a code being used message is displayed. Do not overlap the Company Code in use.
- 3) Input Company Name.
- 4) Click Save button to save and click Close button to finish.



Modify

Modify is used to change existing data inputted. Find data to modify or to change registered content.

Selected data is displayed as below figure in highlighted blue bar.

\delta Com	npany List		_				X					
2	Find 🛃	Add 🥖	Modify	×	Delete 💽	Close						
Find -												
	Company Code											
	Company Name											
	Company List											
	Company Code	Company	Name									
01		Luis Company										
02		ROUTE55 Inc.										

1) Click Modify button and the following screen appears. This screen is identical to register screen. Company Code cannot be modified in this mode.

1	8 Company Definition	X
	🖌 Save 🐼 Close	
	Company Code 02 Company Name ROUTE55 Inc.	

- 2) Modify data.
- 3) Click Save button to save data then click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content data.

Selected data is displayed as below figure in highlighted blue bar.

8	Company List				×							
0	Find 👷	Add 🅖	Modify 🔀	Delete 🐼	Close							
- Fit	nd											
	14											
	Company Code											
	Company Name											
	o o nipanij rianie	,										
	Company List											
	Company Code	Company	/ Name									
$\mathbf{\bullet}$	01	Luis Company										
	02	ROUTESS Inc.										



1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.



Department, Title, and Access Type can be setup as identical process in Company registration. Detailed instruction is omitted.

Area/Floor Definition

Area/Floor configuration is used for default data creation to distinguish access door, reader, and sensors by installed locations. Multiple buildings can be designated by area, and the floors correlating to the area can be distinguished.

Start

Click Database->Area/Floor definition or press Ctrl+P on keyboard.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.

	ess Control A	Area List					
2	Find 🚋	Add 🥖	Modify	×	Delete 区	Close	
Find —	Area Code Area Name	•			-		
		Area List			Floor	List	
ŀ	Area Code	Area Name			Area	Floor	
	001	Area. 1		•		01F	
	002	Area, 88			Area, 1	02F	
					Area. 1	03F	
			-		Area. 1 Area. 1	03F 04F	
					Area, 1 Area, 1 Area, 88	03F 04F 01F	
					Area. 1 Area. 1 Area. 88 Area. 88	03F 04F 01F 170F	
					Area. 1 Area. 1 Area. 88 Area. 88 Area. 88	03F 04F 01F 170F 196F	
					Area. 1 Area. 1 Area. 88 Area. 88 Area. 88 Area. 88 Area. 88	03F 04F 01F 170F 196F B01F	

- 1) Input or select Find condition.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.

If find has no specfic parameters, it will display the entire information



Add

Add is used to create fresh data. Click Add to input data of area and floor through the input screen.

8/	Access Contr <mark>o</mark>	nl Area List							X
0	Find	🧟 Ada	1	Modify	×	Delete 🐼	Clos	e	
-Fir	nd 								
	Area Co	de	•						
	Area Nar	me							
		Area List				Flo	or List		
	Area Code	Area N	lame			Area	F	loor	
\mathbf{F}	001	Area	a. 1		Þ				
	002	Area	. 88			Area. 1		02F	
						Area. 1		03F	
						Area, 1		04F	
						Area. 88		01F	
						Area. 88	1	70F	
						Area. 88	1	96F	
						Area, 88	E	901F	
						Area. 88	E	902F	

1) Click Add and the screen below appear.

Access Control Area Definition	X
🚩 Save 🐼 Close	
Area Code Area Name	
Select Floor Add Floor List	

- 2) Input area code. If already registered code is used, it will not register, but only a fresh area code. Do not overlap Area Code.
- 3) Input area name.

Select floor then click Add button. It will show up in Floor List window. Repeat this procedure to add additional floors.

- 4) If all the floors are added to the area, click Save button to save.
- 5) Click Close to finish.



Modify

Modify is used to change existing data inputted. Find data to modify or to change registered content.

Selected data is displayed as below figure in highlighted blue bar. Selecting the Area will display the corresponding floors on the right hand side content.

84	Access Control #	Area List	_			×
0	Find 😓	🗋 Add 🥖 Ma	dify 🔀	Delete 🐼	Close	
Fin	nd					
	Area Code	•				
	Area Name					
		Area List		Floor L	iot	
	Area Code	Area Name		Area	Floor	
	001	Area. 1			01F	
	002	Area. 88		Area. 1	02F	
				Area. 1	03F	
				Area, 1	04F	
				Area. 88	01F	
				Area. 88	170F	
				Area. 88	196F	
				Area. 88	B01F	
				Area. 88	B02F	

1) Click Modify button and the following screen appears. This screen is identical to register screen. Area Code cannot be modified in this mode.

8 A	ccess Control Area Definition	×
\checkmark	Save 🐼 Close	
	Area Code 001 Area Name Area. 1 Select Floor Add Floor List 01F 02F 03F 04F	

- 2) Modify Area Name and data by Delete or Add function.
- 3) Click Save button to save data, then click Close button to finish.
- Delete

IDTECK

Delete is used to delete existing inputted data. Find data to delete or to delete registered content data.

Selected data is displayed as below figure in highlighted blue bar.

Deleting the Area data will also delete the corresponding floor data.

Access Control A	krea List				
💐 🛛 Find 💆	🗋 🛛 Add 🅖	Modi y 💥	Delere 区	Close	
Find					
Area Code	•				
Area Name					
	Area List		Floor L	_ist	
Area Code	Area Name		Area	Floor	
001	Area, 1			01F	
002	Area. 88		Area, 1	02F	
			Area. 1	03F	
			Area, 1	04F	
			Area. 88	01F	
			Area. 88	170F	
			Area. 88	196F	
			Area. 88	B01F	

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.

📕 Access Control A	irea List 🛛 🗶
Area, 1 - Wo	uld you delete?
Yes(Y)	X No(N)

Map Definition

This sets the map of each floor using the area/floor as basis. Door and sensor location can be designated on the map. This lets the user see which location the event occurred by the setup of the map to be displayed automatically, when the event occurs at the time.

Start

Click Database->Map Definition or press shortcut key Ctrl+R.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.



Н	8 Ma	p List					×
	<u></u>	Find 🧧	Add 🥖	Modify 💥	Delete 🐼	Close	
1	Find	Condition				7	
		Map Code					
		Map Name					
		Area	<u> </u>		J		
				Ma	ap List		
		Map Code	Map Name	Area Nan	ne Floor		Map File
	0	001	Map. 00001	Area, 1	01F	E:\Work\iTDC\iTDC 13차 (통합)\Resource\1(수정).wm
		002	Map. 00002	Area. 1	01F	E:\Work\iTDC\iTDC 13차 (통합)\Resource\T-신부동46
				I			•

- 1) Input or select Find condition.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.

If find has no specific parameters, it will display the entire information

Add

Add is used to create fresh data. Click Add to input data of new map through the input screen.

👌 Map Lis	st 👝								2
<u></u>	Find 🛃	Add	/	Modif	у 💢	Delet	e 🐼	Close	
Find Cond	lition								
	Map Code	Π	•						
	Map Name								
	Area		•						
-					Ma	p List			
Ma	p Code	Мар	Name		Area Nam	e	Floor		Map File
0001		Map. 00001		1	Area. 1	1	01F	E:Work\iTDC\iTDC 13	3차 (통합)\Resource\1(수정).wr
0002		Map. 00002		/	Area. 1	1	01F	E:WorkiTDC\iTDC 13	3차 (통합)\Resource\T-신부동4

1) Click Add and the screen below appear.





- 2) Input Map Code and Map Name.
- 3) Select Area and Floor for the location to be implemented.
- 4) Select Map File. User can select file as bmp, jpg, wmf and can check the image file as shown above before applying.
- 5) Click Save button to save data.
- Map Item Setup

This function configures access door and sensor for the setup area/floor location. This sets the sensor and access door location to be displayed on the real map to check status of sensor.

1) Click Map Item button.





2) The following screen displays.





The display of map setup is identical to real map in size. Also, as shown above, the current map's corresponding access door and sensor is displayed as an icon.

The door and sensor icon of corresponding map area data is automatically displayed. For a door, the setup of Reader/Door data during registration is inputted. It uses this data as basis to display the icons automatically on the corresponding map.

Sensor uses identical method to display the icons automatically, by setup of the In/Output Point setup.

3) Use the mouse to click and drag the door and sensor icon to the desired location. (Hold down the mouse button to drag, and release the button to set)



Locate the door and sensor icon with the mouse pointer, and the door and sensor name is displayed by tool tip. At the bottom displays the iTDC panel connected to the current door and sensor, along with data including names and location.

Use the above data as basis to control the location of door and sensor.

- 4) If location is completed, then click (X) on the right hand corner.
- 5) If location was changed, it will display the following message. Click Yes button to save.





Modify

Modify is used to change existing data inputted. Find data to modify or to change registered content.

Selected data is displayed as below figure in highlighted blue bar.

8 M	lap List			_				X
<u>_</u>	Find 🙀	Add 🥖	Moc	lify 🔀	Delete	\odot	Close	
Sea	arch Condition —						1	
	Map Code							
	Map Name							
	Area							
				Me	ap List		a 	
	Map Code	Map Name		Area Nan	ne I	loor		Map File
	001	map0.001		현관	03	F	D:\Documents and Se	ttings\administrator\바탕 화단\\r
•								Þ

1) Click Modify button and the following screen appears. This screen is identical to register screen. Map Code cannot be modified in this mode.





- 2) Modify Data.
- 3) Click Save button to save.
- 4) Click Map Item button to setup location. Once completed, click Close button to finish.
- 5) Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content data.

Selected data is displayed as below figure in highlighted blue bar.



(a) map clot	<u>^</u>
🔍 Find 🔬 Add 🥖 Modify X Delete 🐼	Close
Search Condition	
Map Code 📃 💌	
Map Name	
Area	
Map List	
Map Code Map Name Area Name Floor	Map File
▶ 001 map0.001 현관 03F D1D0	Documents and Settings\administrator(바탕 화면 <mark>네</mark>

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.

💳 Map List	×
map0,001 - wo	uld you delete?
Vec(V)	Nath
V res(<u>r</u>)	

User Definition

This function registers the user to operate STARWATCH iTDC PRO. For default value (admin) is registered in the program, and you can register additional user or change authority of existing user.

Start

Click Database->User Management or press shortcut key Ctrl+S.

Add

Add is used to create fresh data. Click Add button to add new user through input screen.

.	User Managem <mark>ent</mark>				×
6	Permission 🛃	Add 🥖	Modify 🔀	Delete 🐼	Close
		L.	Jser ID		
	User ID	User N	lame	Administrator	
►	admin	Adminis	strator	Y	
	route55	55	i i	V	

1) Click Add button and the following screen appears.



Save Close
User ID
User ID
User Name
User Name
Administrator

- 2) Input User ID. User ID cannot be overlapped.
- 3) Input User Name and User Password.
- 4) Check mark Administrator option or not.

Administrator option gives authority to Add, Modify, and Delete user. Only the User who has this authority can perform these functions. User with no authority can use allowed functions, but not the above functions.

- 5) Click Save button to save then Close to finish.
- Modify

Modify is used to change existing data inputted. Select data to Modify.

Selected data is displayed as below figure in highlighted blue bar.

a I	Jser Management		_				×
8	Permission 🔬	Add 🥖	Modify	×	Delete 🐼	Clo	ose
		U	ser ID				
	User ID	User Na	ame		Administrator		
	admin	Administrator			V		
\mathbf{F}	route55	55			V		

1) Click Modify to see the above screen. The Modify screen is equal to registration screen. User ID cannot be changed.

🛎 User Management							
\checkmark	Save 🐼 🛛 Close						
	User ID route55 User Name 55 Jser Password **** Administrator 🗸						

- 2) Modify data to change.
- 3) Click Save button to save data.
- 4) Click Close button to finish.



Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content data. Selected data is displayed as below figure in highlighted blue bar.

â U	lser Management						X
8	Permission 👩	Add 🥖	Modify	×	Delete	\odot	Close
		Us	ser ID				
	UserID	User Na	me		Administra	ator	
	admin	Administr	Administrator				
	route55 55						

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.

💳 User Management	t in the second s	×
55 : True - wo	uld you delete?	
Ves(Y)	X No(N)	

Authority Setup

This function sets the authority of use for each function type. User can only use functions with authority designation, and this function can setup entire function or parts of it.

🕉 사용자 권한 설정					×
🖌 저장 🚫	닫기				
사용자 ID route55			一 早	든 권한 부며	모든 권한 해제
시스템 ♥ 10005 - 입,출력 설정 ♥ 10007 - 입,출력 4 ♥ 10007 - 입,출력 18 ♥ 10009 - 시스템 관리 ♥ 10010 - 기기 시간 4 ♥ 10013 - L/이월입 연 ♥ 10015 - 로그오 ♥ 10016 - 로그오 ♥ 10016 - 종료	실정 실정 전점 설정 실정 전점 설정 결 관리	대이터베이스 20002 - 회사 설 20005 - 작금 설 20005 - 작금 설 20006 - 참립유 20008 - 지옥/설 20010 - 앱 설정 20010 - 앱 설정 20012 - 사용자 20013 - 데이터 20015 - 옵션	정 정 형 설정 을 설정 관리 베이스 관리	출입 통제 관리 ♥ 30002 - 공휴일 ♥ 30005 - 타임 3 ♥ 30006 - 타임 2 ♥ 30006 - 타임 2 ♥ 30006 - 타임 2 ♥ 30008 - 출입 3 ♥ 30011 - 출입 4 ♥ 30013 - 항문 2	일 설정 스케쥴 설정 고드 설정 그룹 설정 그룹 설정 자 관리 석제자 관리 객 엔리
전체 선택	전체 해제	전체 선택	전체 해제	전체 선택	전체 해제
상태보기 40002 - 출입문상태/ 40004 - 이벤트현황 40006 - 통신상태	/제어	보고서 V 50002 - 출입자 V 50003 - 삭제자 V 50005 - 출입원형 V 50006 - 경보형 V 50008 - 개인별 V 50009 - 문별문책 V 50001 - 방문책 V 50013 - 최종 출	목록 보고서 왕 보고서 황 보고서 할 보고서 합입가능문 보고서 입가능문 보고서 입지역 보고서 입지역 보고서	근태관리 60003 - 근무세 60003 - 근대위 60006 - 일대권 60007 - 일대권 60007 - 일대권 60007 - 일대권 60001 - 보고사 60011 - 보고사 60011 - 보고사 60012 - 일벌/ 60012 - 일벌/	시간설정 2 설정 2 형설정 3 관리 3 관리 3 관리 4 4 월/일별 보고서 년별 보고서 음션
전체 선택	전체 해제	전체 선택	전체 해제	전체 선택	전체 해제

Authority Setup is categorized in menu type as shown above. User can setup use authority under each sub menu category under main category.

1) For use authority, check mark the item and if canceling use authority, uncheck mark item.



- ✓ All Authority Grant: Setup all authority at once.
- ✓ All Authority Cancel: Setup all authority as cancelled.
- ✓ Total Select: Setup use authority of corresponding menu at once.
- ✓ Total Cancel: Cancel use authority of corresponding menu at once.
- 2) Once completed, click Save button to save.
- 3) Click Close button to finish.

Database Management

Database Management describes the backup, restore, and database compact function of data in using the STARWATCH iTDC PRO. Also, through backup, restore, and history, it gives out backup week cycle message from the last backup date. This is setup by the user at alert interval.

Refer to chapter 9 STARWATCH iTDC PRO I Maintenance and Management for detailed information.

Option

Option lets the user activate additional functions on user setup. User can designate event type database store and display of data, and setup a separate sound file for playing out the sound during an event occurrence.

Also, when the event occurs, the setup of designated email recipient will send out the event occur status automatically.

Also, sets the option of map display when some event occurs with connection to the map display.

Start

Click Database->Option or press shortcut key Ctrl+U.

Event Status Handling Option

This sets the whether or not to save Event Type database and to display event in Event Status screen.





- 1) Check mark the items for event occur display on monitor. If display is not necessary, cancel check mark.
- 2) Check mark the items for event occur database save. If save is not necessary, cancel the check mark.
- 3) Click Save button to save then click Close button to finish.
- 4) Click Close button to finish.
- Event Handling Sound Option

This designates sound file by event type. Once implemented, when an event occurs the setup sound file plays through a speaker with sound card in PC alerting the event status.





- 1) Check mark the items for sound play during an event occurrence. If sound play is not necessary, cancel check mark.
- 2) Click Search button on bottom to find sound file. Selecting the file displays in Select Sound (Alarm) window. Right hand side window displays the matched sound file.

Sound file can only be selected as wav. File. To play the sound, a PC with sound card and speaker is required.

- 3) Click Save button to save.
- 4) Click Close button to finish.
- Event Handling Email Transmit

This function sends out email up to 3 recipients when a specific event occurs that was setup. Email contains date of event, time, event location, and type of event as data.

To use this option, the operating PC must be connected to a network.

This can be used with onsite mail server at company, and requires POP3 support to use this option. If POP3 is not supported, it will not work.



🖌 Save 🐼 Close	
Event Transaction Option Sound Option E-Mail Option	otion View Map Option
Access Granted Access Denied Invalid Timeschedule Antipassback(In) Antipassback(Out) Password Error Access Door Error Duress Overtime Door Closed Forced Door Opened Forced Door Opened Exit Button Door Open Door Close Portected Sensor	E-Mail Name Address To Receive #1 Name E-Mail Address E-Mail Address E-Mail Address Name Name
☐ Fire ☐ Tamper Alarm	E-Mail Address

- 1) Check marks the items for mail transaction during an event occurrence. If transaction is not necessary, cancel check mark.
- 2) Input Mail Server (SMTP) address.
- 3) Input Name and Email Address of up to 3 recipients.
- 4) Click Save button to save.
- 5) Click Close button to finish.
- Event Handling View Map

If a map is setup, it will automatically display when a specified event occurs. Here the event type map display presence is setup. View Map Option needs to be setup to display map automatically.



8 Options	×
🖌 Save 🐼 Close	
Event Transaction Option Sound Option E-Mail Option View Map Option	
Select View Map Transaction Access Cranted Access Denied Invalid Timeschedule Antipassback(In) Antipassback(Out) Password Error Access Door Error Duress Overtime Door Closed Overtime Door Opened Forced Door Opened Exit Button Door Open Door Close Detected Sensor Fire Tamper Alarm	

- 1) Check mark the items for map display during an event occurrence. If map display is not necessary, cancel check mark.
- 2) Click Save button to save.
- 3) Click Close button to finish.

Access Control

Access Control Management contains functions required for User Management. Details regarding access are setup and user registered. Setup data is transmitted to iTDC.

Holiday Definition

This function connects to Time Schedule to apply. Time Schedule can be setup from Mon-Sun with designated time for each day.

For this function, the holiday data needs to be initially setup. Holiday Definition is to apply holiday to Time Schedule and transmit to iTDC to setup.

Start

Click Access Control Management->Holiday Definition or press shortcut key F2.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to modify and delete the existing data information.



👸 Hol	liday List						
0	Transmit 🔍	Find	Add 🎽	Modify 〉	🕻 🛛 Delete 🔇	Close	
-Sear	ch Condition Holiday Code Holiday Name 	_					
			Holid	ay List			
	Holiday Code.		Holiday Name				
	00		Not Use				

- 1) Input Holiday Code and Holiday Name as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.

Add

Add is used to create fresh data. Click Add button to add holiday through input screen.

\delta Ho	iliday List						x
0	Transmit 👥	Find 📄	Add 👖	Modify 🔰	🕻 🛛 Delete 🐼	Close	
Sea	rch Condition						
	Holiday Code	•					
	Holiday Name						
			Holida	y List			
	Holiday Code.		Holiday Name				
►	00		Not Use				

1) The following screen appears after clicking Add.



\delta Holiday Definition			<u>×</u>
🕑 Transmit 🏏 🤅	Save 💽 🤇	Close	
Holiday Code Holiday Name	•		
Holiday Date Name		Selected Holiday Da	ate
		Holiday Date	Holiday Name
Select Holiday Date			
2003년 1월			
일월 화 수 목 금 토 29 30 31 1 2 3 4	>>		
5 6 7 8 9 10 11	<<		
12 13 14 15 16 17 18			
26 7 28 29 30 31 1			
2 3 4 5 6 7 8			
○ 또들: 2003-01-27			

- 2) Select Holiday Code. (Holiday Code can be used from 01-10 giving 10 codes for use)
- 3) Input Holiday Name to be saved.
- 4) Select the corresponding date, and double click the date on the calendar or click >> button.
- 5) If an exception is needed on a selected Holiday, select the corresponding date and double click or click << button.

🔒 Holiday Definition	×
🕑 Transmit 🏏 Save 🐼	Close
Holiday Code 01 💽 Holiday Name biweekly	
Holiday Date Name	Selected Holiday Date
January	Holiday Date Holiday Name
Select Holiday Date 2003년 1월 9 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 20 28 29 30 31 1	U1-U4 January 01-18 January
2 3 4 5 b 7 8 ▶ 오늘: 2003-01-27	

- 6) Click Save button to save data, and click Close button to finish.
- Modify

Modify is used to change existing data inputted. Find data to modify or to change registered category.

Selected data is displayed as below figure in highlighted blue bar.



🖁 H	oliday List						2
0	Transmit 🚉	Find 🔬	Add 🥖	Modify 💢	Delete 🐼	Close	
-Sea	rch Condition						
	Holiday Code	•					
	Holiday Name						
			Holid	ay List			
	Holiday Code.		Holiday Name				
			Not Use				
\mathbf{F}	01		biweekly				
	<u> </u>						

1) Click Modify to see the following screen. The Modify screen is equal to registration screen. Holiday Code cannot be changed.

Holiday Definition		
🌶 Transmit 🏏 🛛 Save 🐼	Close	
Holiday Code 01]	
Holiday Name biweekly		
Holiday Date Name	Selected Holiday (Date
	Holiday Date	Holiday Name
	01-04	january
Select Holiday Date	01-18	january
2003년 1월		
일월 화 수목 금토 29 30 31 1 2 3 4	>	
5 6 7 8 9 10 11 <	<	
12 13 14 15 16 17 18 -		
19 20 21 22 23 24 25		
◯ ⊻言: 2003-01-27		

- 2) Modify the items to be changed.
- 3) Click Save button to save data, and click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content list data.

Selected data is displayed as below figure in highlighted blue bar.



\delta Holiday List					>
🕑 Transmit 🕵 F	Find 🔬 🛛 Add 🥖	Modify 🔀	Delete	Close	
Search Condition Holiday Code Holiday Name	¥				
	Holida	iy List			
Holiday Code.	Holiday Name				
88	NotUse				
01	biweekly				

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.

🗖 Holiday List		×
biweekly – wo	uld you delete?	
Ves(Y)	X No(N)	

Transmit

This function is used to send the setup functions to the iTDC device for activation. Use Find to search for data transmit or select the data from the registered reader categories to send.

Selected data is displayed as below figure in highlighted blue bar.

	\delta Holiday List					×
	🕑 Transmit 🔍 Fi	nd 🔬 🛛 Add 🥖	Modify 💢	Delete 区	Close	
ſ	Search Condition					
	Holiday Code	v				
	Holiday Name					
ſ		Holida	ıy List			
ľ	Holiday Code.	Holiday Name				
ľ	00	Noi Use		1		
	01	biweekly				
I						
I						
I						
I						
I						
I						
I						
I						
I						
1						
l						

1) Click Transmit button. This will send the selected data to the corresponding Panel No for application.



During transmit, if errors do not occur, there are no messages. This means the transmit was completed without disruption. If an error does occur, detailed explanation is displayed in a message box.

In this case, retransmit the data, but if the error continues, check the communication and iTDC panel for problems.

Time Zone Definition

This function sets the access time as 24 hours or divided into 5 time sections within 24 hours. These data is setup in Time Schedule as per day.

Start

Click Access Control Management->Time Schedule->Time Code List or press shortcut key F3.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to modify and delete the existing data information.

0	The Collection							
Ś	s time i ode List							X
	🤾 Search 👷	Add 🚺	Modify 🔀	Delete 🧕	Close			
	Search							
	Time		-					
	TIME							
	Time Code	Name						
╞								
Ŀ				Time Code L	list			1
	Time Code	Time Code Name	Time 1: Start	Time 1: End	Time 2: Start	Time 2: End	Time 3: Start	Time 3: End
	00	Default	0000	2400	0000	0000	0000	0000
	01	All Time	0000	2400	0000	0000	0000	0000
	02	Normal Time	0600	1200	1300	1800	1900	2200
	03	Work Time	0600	2100	0000	0000	0000	0000
	04	Saturday Time	0500	1700	0000	0000	0000	0000
	05	Sunday Time	0900	1200	1301	1800	0000	0000
Γ								
Ш								
Ш								
Ш								
Ш								
Ι.	41 1		1					

- 1) Input Time Code and Time Code Name as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.





Add is used to create fresh data. Click Add button to add work holiday through input screen.

8	Fime Code List							X
0	Search <mark>e</mark>	Add 🥖	Modify 💢	Delete 🧕) Close			
Se	arch							
	Time	Code	•					
	Time Code	Name						
				Time Code L	list			
	Time Code	Time Code Name	Time 1: Start	Time 1: End	Time 2: Start	Time 2: End	Time 3: Start	Time 3: End
\mathbf{F}	00	Default	0000	2400	0000	0000	0000	0000
	01	All Time	0000	2400	0000	0000	0000	0000
	02	Normal Time	0600	1200	1300	1800	1900	2200
	03	Work Time	0600	2100	0000	0000	0000	0000
	04	Saturday Time	0500	1700	0000	0000	0000	0000
	05	Sunday Time	0900	1200	1301	1800	0000	0000
								ľ

1) The following screen appears after clicking Add.

👌 Time C	ode Definition							X
\checkmark	Save 🐼	Close						
	Time (Time Code N	Code Iame						
	Time 1	From						
	Time 3	From		To				
	Time 4 Time 5	From From		To To				
0 2	2 4	6 8	10	12 1	4 16	18	20	22 24

- 2) Input Time Code.
- 3) Input Time Code Name.
- 4) Setup the time From/To for Time 1, Time 2, Time 3, Time 4, Time 5.

For example, the screen below shows (Access granted 09:00-12:00 Sunday, 12:01-13:00 no access, 13:01-18:00 access granted)



👸 Time	e Code Definition								X
\checkmark	Save 🐼	Close							
	Time C	ode 06							
	Time Code Na	ame Access Time	1						
	Time 1	From 09 ÷:	00 🕂	To 10 🕂 ()0 🕂				
	Time 2	From 12 🕂:	00 ÷	то 13 🕂 З	30 ÷				
	Time 3	From 📃 🕂 :	<u>•</u>	то	÷				
	Time 4	From 📑	•	то	÷				
	Time 5	From 🕂	÷	то	÷				
<u> </u> -									
0	2 4	6 8	10	12 14	16	18	20	22	24

5) Click Save button to save and Close button to finish.

The section of time schedule is set up within 24 hours of a day.

Namely, if you intend to set up for 24 hours without division of 24 hours of a day, you have to input 0000-2400 in 1st section. The rest section is set up as 0000-0000 automatically.

If you want to divide and use 24 hours of a day, it is possible to divide as maximum 5 sections. To divide hours is mainly used to control of access time and/or to work together with time schedule of input/output.

Namely if you admit to access door at AM and don't admit at PM, it is applied in this case. The division of time is needed, in case of application of Lock or Unlock of access door.

Modify

Modify is used to change existing data inputted. Find data to modify or to change registered content category.

8	8 Time Code List								
Q	🕻 🛛 Search 😓	🗋 🛛 🗛	Modify 🔀	Delete 🧕) Close				
_S	earch								
	Time	Code	•						
	Time Code Name								
				Time Code L	.ist				
	Time Code	Time Code Name	Time 1: Start	Time 1: End	Time 2: Start	Time 2: End	Time 3: Start	Time 3: End	
	00	Default	0000	2400	0000	0000	0000	0000	
	01	All Time	0000	2400	0000	0000	0000	0000	
	02	Normal Time	0600	1200	1300	1800	1900	2200	
	03	Work Time	0600	2100	0000	0000	0000	0000	
	04	Saturday Time	0500	1700	0000	0000	0000	0000	
	05	Sunday Time	0900	1200	1301	1800	0000	0000	
►	06	Access Time	0900	1000	1200	1330	0000	0000	
1								► I	

Selected data is displayed as below figure in highlighted blue bar.



1) Click Modify to see the following screen. The Time Code List screen is equal to registration screen. Time Code cannot be changed.

👌 Time	e Code Definition			X
✓	Save 区	Close		
	Time C	ode 06		_
	Time Code Na	ame Access Time		
	Time 1	From 09 ÷ 00 ÷	To 10 ÷ : 00 ÷	
	Time 2	From 12 🕂 00 🕂	To 13 🕂 30 🕂	
	Time 3	From 00 🕂 :00 🛨	⊤₀ 00 ÷: 00 ÷	
	Time 4	From 00 🕂 :00 🕂	To 00 ÷ : 00 ÷	
	Time 5	From 00 ÷ 00 ÷	To 00 ÷:00 ÷	
i i				
0	2 4	6 8 10	12 14 16	18 20 22 24

- 2) Modify the items to change.
- 3) Click Save button to save data, and click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content list data.

Selected data is displayed as below figure in highlighted blue bar.

8	8 Time Code List								
	Search 😓	Add 🥖	Modit <mark>y 💢</mark>	Delete 🧯	Close				
S	earch								
	Time Code								
	Time Code	Name							
				Time Code L	_ist				
	Time Code	Time Code Name	Time 1: Start	Time 1: End	Time 2: Start	Time 2: End	Time 3: Start	Time 3: End	
	00	Default	0000	2400	0000	0000	0000	0000	
	01	All Time	0000	2400	0000	0000	0000	0000	
	02	Normal Time	0600	1200	1300	1800	1900	2200	
	03	Work Time	0600	2100	0000	0000	0000	0000	
	04	Saturday Time	0500	1700	0000	0000	0000	0000	
	05	Sunday Time	0900	1200	1301	1800	0000	0000	
▶	06	Access Time	0900	1000	1200	1330	0000	0000	
•								•	

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.





Timeschedule Definition

This function uses Time Zone data to setup time schedule for each day. It is applied to the user to control access time, and is connected to the In/Output Point time schedule.

Time Schedule can create up to 15 codes, and time schedule within the codes are sent to the iTDC for activation. Setup the time schedule needed.

Start

Click Access Control Management->Time Schedule List or press shortcut key F4.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to modify and delete the existing data information.

8	Timeschedule	List					X			
O	Transmit	🔍 Search 🧟	Add 🥖 Mc	odify 💢 Delete	e 🐼 🛛 Close					
S	Search Timeschedule Code Timeschedule Name									
			Time	esch <mark>edule List</mark>						
	T/S Code	T/S Name	Holiday	SUN	MON	TUE	WED			
	00	Default	Not Use	Default	Default	Default	Defa			
	01	All Time Access Code	Not Use	Default	Default	Default	Defa			
	02	02 Timeschedule	Not Use	Default	Default	Default	Defa			
	03	NomalWorker	Not Use	Sunday Time	Normal Time	Work Time	Normal			
	04	Normal Timeschedule	Not Use	Normal Time	Normal Time	Normal Time	Normal			
	05	Visitor Timeschedule	Not Use	Saturday Time	Normal Time	Normal Time	Normal			

- 1) Input Timeschedule Code and Timeschedule Name as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.
- Add

Add is used to create fresh data. Click Add button to add Timeschedule through input screen.



		2101					<u> </u>			
0	Transmit	🔍 Search 🤬	Add 🥖 Mo	odify 💥 🛛 Deleta	e 🐼 🛛 Close					
– Se	Search Timeschedule Code Timeschedule Name									
			Time	eschedule List						
	T/S Code	T/S Name	Holiday	SUN	MON	TUE	WED			
\mathbf{F}	00	Default	Not Use	Default	Default	Default	Defa			
	01	All Time Access Code	Not Use	Default	Default	Default	Defa			
	02	02 Timeschedule	Not Use	Default	Default	Default	Defa			
	03	NomalWorker	Not Use	Sunday Time	Normal Time	Work Time	Normal			
	04	Normal Timeschedule	Not Use	Normal Time	Normal Time	Normal Time	Normal			
	05	Visitor Timeschedule	Not Use	Saturday Time	Normal Time	Normal Time	Normal			
at	1									

1) The following screen appears after clicking Add.



- 2) Select Timeschedule Code. It will display only the registered codes. Use one of the 15 codes.
- 3) Input Timeschedule Name
- 4) Select Timeschedule Code to apply to each day.
- 5) Select Holiday Code to apply holiday, and if not used select Not Use. If Holiday Code was selected, Timeschedule Code for holiday needs to be selected.

Selecting the Timeschedule Code will display at the bottom screen location, current selected time range in hour format.


mansmit		oave	G	CIU	25										
	Timesch 06 Timesch 06 Time	<u>edule C</u> edule N schedu	ode T ame le												
	Sunday Sunday	Time			nday efault			Tues All T	day ime		¥	Wedn Norn	esday nal Time	-	-]
	Normal	Time			ork Time	10	1	Worl	day < Time		•]			
	Sunday	Time			ot Use	16	1	-							
Holiday						-	: :			4	1 1				-
Sunday				+ +					++				+ +		+
Monday		+ +		+ +	+ +		+ -		+ +	+	+ +		+ +		+
Tuesday	-	+ +				-					-	-			+
Wednesday				+ +		-			++	-		-			+
Thursday		+ +		+ +		-		_	+ +	-	+ +	-	++-		+
Friday		+		+ +		-				-		-			+
Saturday		+ +		+ +		-				-					+
		-					40								-

- 6) Click Save button to save.
- 7) Click Transmit button. This will send the selected data to the corresponding Panel No for application.
- 8) Click Close button to finish.
- Modify

Modify is used to change existing data inputted. Find data to modify or to change registered content category.

Selected data is displayed as below figure in highlighted blue bar.

8 1	imeschedule	List					×
0	Transmit	🔍 Search 🔬	Add 🥖 Ma	odify 💢 🛛 Delete	e 🐼 🛛 Close		
_ Se	arch						
	Timeschedu	ile Code	-				
	Timooohodu		-	-			
	nnestneuu						
			Time	schedule List			
	T/S Code	T/S Name	Holiday	SUN	MON	TUE	WE
	00	Default	Not Use	Default	Default	Default	Defa
	01	All Time Access Code	Not Use	Default	Default	Default	Defa
	02	02 Timeschedule	Not Use	Default	Default	Default	Defa
\mathbf{F}	03	NomalWorker	Not Use	Sunday Time	Normal Time	Work Time	Normal
	04	Normal Timeschedule	Not Use	Normal Time	Normal Time	Normal Time	Normal
	05	Visitor Timeschedule	Not Use	Saturday Time	Normal Time	Normal Time	Normal
	06	06 Timeschedule	Not Use	Sunday Time	Default	All Time	Normal
							Þ

1) Click Modify to see the following screen. The Timeschedule List screen is equal to registration screen. Timeschedule Code cannot be changed.



STARWATCH ITDC PRO I™

no sene dun	- sommao															
Transmit		Save	$\mathbf{\odot}$	Clos	e											
	Timoo	abadula (\odo													
	03		2008													
	Times	chedule N	Jame					_								
	Noma	alWorker														
	Sunda	ay		Mon	day			Tues	day			Wed	nesday	/		
	Sund	ay Time		Noi	mal Tim	е		Wor	k Time			Nor	rmal Tir	me		┙
	Thurse	dav Time		Frid:	ay 			Satu	rday 👘							
	Ivvork	Time			mai i im	e		_ Satu	irday i in	ne		<u> </u>				_
	Holida	iy 👘		Holi	day Code			3								
	Defai	זונ			Use			1								
	i !	1 1		1 1	1 1											
Holida	y	1 1		1 1	1 1		; ;		1 1	1		: :	1	1 1		1
Sunda	У 📑				1 1	-	+	_		-	-			1 1		t
Monda	У												-			1
Tuesda	v				1 1											1
Wednesda	v															İ
	y															1
Thursda	- I I						1 1		1 1	1	1	1	-	1 1	-	
Thursda Frida	y -			1 1	1 1											1
Thursda Frida Saturda	y y															+

- 2) Modify the items to be changed.
- 3) Click Save button to save data.
- 4) Click Transmit button to send the selected data to the corresponding Panel No for application.
- 5) Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content list data.

Selected data is displayed as below figure in highlighted blue bar.



8	Timeschedule	List					×
O	Transmit	🔍 Search 🔬	Add 🥖 Mo	odify 🔀 Delete	e 🐼 🛛 Close		
-Se	earch Timesched Timeschedu	ule Code Ile Name]				
			Time	eschedule List			
	T/S Code	T/S Name	Holiday	SUN	MON	TUE	WE
	00	Default	Not Use	Default	Default	Default	Defa
	01	All Time Access Code	Not Use	Default	Default	Default	Defa
	02	02 Timeschedule	Not Use	Default	Default	Default	Defa
	- 63	NemalWerker	Net Use	Sunday Time	Normal Time	Work Time	Normal
	04	Normal Timeschedule	Not Use	Normal Time	Normal Time	Normal Time	Normal
	05	Visitor Timeschedule	Not Use	Saturday Time	Normal Time	Normal Time	Normal
	06	06 Timeschedule	Not Use	Sunday Time	Default	All Time	Normal
4							Þ

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.



Transmit

This function is used to send the setup functions to the iTDC device for activation. Use Find to search for data transmit or select the data from the registered reader categories to send.

Selected data is displayed as below figure in highlighted blue bar.



	81	Timeschedule	List					×
г	0	Transmit	💦 Search 🔬	Add 🥖 Mo	odify 💥 🛛 Delete	e 🐼 🛛 Close		
L	Se	earch ———						
		Timesched	ule Code	1	_			
		nmeschedu						
				Time	eschedule List			
		T/S Code	T/S Name	Holiday	SUN	MON	TUE	WEI
		00	Default	Not Use	Default	Default	Default	Defa
		01 All Time Access Code		Not Use	Default	Default	Default	Defa
		02 02 Timeschedule		Not Use	Default	Default	Default	Defa
г	Þ		NomalWorker	Net Use	Sunday Time	Normal Time	Work Time	Normal
L		04	Normal Timeschedule	Not Use	Normal Time	Normal Time	Normal Time	Normal
L		05	Visitor Timeschedule	Not Use	Saturday Time	Normal Time	Normal Time	Normal
		06	06 Timeschedule	Not Use	Sunday Time	Default	All Time	Normal
	•							•

1) Click Transmit button. This will send the selected data to the corresponding Timeschedule Code for application.

During transmit, if errors do not occur, there are no messages. This means the transmit was completed without disruption. If an error does occur, detailed explanation is displayed in a message box.

In this case, retransmit the data, but if the error continues, check the communication and iTDC panel for problems.

Access Group Definition

When multiple units of iTDC are operated, by using each access door connected to the system, you can create Access Group to register user in a group type to control access area as a whole or control as is.

Start

Click Access Control Management->Access Right List or press shortcut key F5.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to modify and delete the existing data information.



8	Access Right List	t				X
1	🤾 🛛 Find 🙍	Add 📝	Modify 🔀	Delete 🐼	Close	
	Search Condition -					
	Group Co Group Nar	de I	•	_		
L						
Γ			Access Right I	_ist		
I	Group Code	Gro	oup Name			

- 1) Input Group Code and Group Name as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.
- Add

Add is used to create fresh data. Click Add button to add Access Group through input screen.

81	Access Right L <mark>ist</mark>					X
	Find 🙍	Add 🥖	Modify 💢	Delete 区	Close	
Se	earch Condition —					
	Group Cod	e 🔽				
	Group Nam	e				
			Access Right	List		
	Group Code	Group	Name			

1) The following screen appears after clicking Add.



& Access Group Definition				>
🖌 Save 🐼 Close				
Access Group Code Access Group Name	•		I	
Timeschedule	_	Selected Accee Do	or List	
·	l	Access Door	Timeschedule	
Available Access Door List Access Door Door2 Door1 Door3 Door4 Door5 Door6	» «			

- 2) Input Access Group Code. Do not overlap this code.
- 3) Input Access Group Name.
- 4) Select Timeschedule to apply.
- 5) Double click the Access Door from Available Access Door List, or click >> button to register and apply corresponding Timeschedule.

Here the Timeschedule and Access Door work as a team to setup Access Group. This means the access door and setup Timeschedule correspond to using the setup access door.

6) Repeat the above method to register additional Access Group.

Cancel Access Door by double clicking on selected door or click << button.

\delta Access Group Definition			2
🚩 Save 🐼 Close			
Access Group Code 01 Access Group Name group01	•		
Timeschedule		Selected Accee Dool	r List
All Time Access Code	-	Access Door	Timeschedule
Avaliable Access Door List		Door1	All Time Access Code
Access Door		Door3	All Time Access Code
Door2			
Door4	>>		
Doors			
μ			



- 7) Click Save button to save data, and click Close button to finish.
- Modify

Modify is used to change existing data inputted. Find data to modify or to change registered group category.

Selected data is displayed as below figure in highlighted blue bar.

	\delta Access Right List					×
	🔍 🛛 Find 👳	Add 🥖	Modify 🔀	Delete 区	Close	
	-Search Condition -					
	Group Coo	ie 🔤	•			
	Group Nam	ne				
			Access Right	_ist		
	Group Code	Gro	up Name			
İ	01	g	roup01			
4						

1) Click Modify to see the following screen. The Access Group is equal to registration screen. Therefore, the Access Group Code cannot be changed.

👌 Access Group Definition		×
🚩 Save 🔕 Close		
Access Group Code 🛛		
Access Group Name groupU1		
Timeschedule	Selected Accee Door List	
	Access Door	Timeschedule
Avaliable Access Door List	Door1	All Time Access Code
Access Door	Door3	All Time Access Code
Door4		
Door5		
Door6 <<		
P	J	

- 2) Modify the items that need changing.
- 3) Click Save button to save the modified information. Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content data.



	84	Access Right List					×
	<u>_</u>	Find 🔬	Add 🥖	Modify 🔀	Delete 🐼	Close	
	Se	arch Condition					
		Group Code	_				
		Group Name					
			,				
				Access Right	List		
1		Group Code	Стоар і	Name			
		01	grou	p01			

Selected data is displayed as below figure in highlighted blue bar.

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.

💳 Access Right List	×
would yo	ou delete?
Yes(<u>Y</u>)	X No(N)

Card Holder Management

This function registers user ID card. Also basic personal data is inputted to approve ID card, and related data is displayed and used as Find/Output data. At the time of registration, Access Group and Time Attendance is setup also.

Start

Click Access Control Management->Card Holder Management or press shortcut key F6.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.



🔒 Card I	loider List							>
2	Find	📀 Individual Transmit	😒 в:	atch Transmit	😸 🔥	Modify 🄰	🗙 🛛 Delete 🙆	Clos
Search	Condition					1		
	Company		-	Sort By	•			
E	mployee No.		-	Sort Order	•			
	Name							
	Card No.							
				19%				
				0%				
				Card Holde	rr List			
Em	ployee No.	Name	Card No.	Company	Department		Title	Access
•								2

- 1) Click Delete button. The screen will appear. Click Yes button to delete or No button to cancel.
- 2) Input Company, Employee No, Name, and Card No as appropriate.
- 3) Select Sort By and Sort Order.
- 4) Click Find to make an inquiry. If inquired result is available, the screen appears.
- Add

Add is used to create fresh data. Click Add button to add user data through input screen.

ô (Card Holder List								×
	Find	👩 Individual Transmit	S Ba	itch Transmit	🔬 🛛 🛃	Moo	lify 💢	Delete 🐼	Close
Se	arch Condition —								
	Company		-	Sort By	•				
	Employee No.			Sort Order	•				
	Name								
	Card No.								
				0%					
				0%	-11-4				
	Employee No	Nama	Card No.	Card Holdel	r LIST Departm	ont	Title		Accore
	Employee no.	rianio	o and rec.	- company	Dopartin		1	·	1.00000
•									•
-									

1) The following screen appears after clicking Add.



👸 Card Holder			<u>×</u>
📀 Transmit 🏏	Save 🐼 Clos	e(F4)	
Employee No. 55 Name route Card No. 2550 Password **** Detail Information Acce	9)0070 ss Right Time & Attend		
Load Picture Clear Picture	Company Departmen Titli Access Typ Gende Social Insurance No Issueing Datu Expire Datu Remark	r IDTECK t Lab Researcher Worker r Male 2003-01-27 2003-01-27 Auto Delete on Expired Date	Telephone No. Mobile Phone No. Car No. Driver Licence No. Nationality

2) Input Employee No, Name, and Card No. This input is a requirement. Card No is the ID number, and depending on card type, the digits range from 8-10.

Employee No must not overlap. It is used as a key to identify user.

Input 4 digits Password if using card+pw to authenticate. If you do not input a password, the default value of 0000 is setup.

- 3) Input user's detailed information as basic data.
- 4) Input Issuing and Expire date. Putting a check mark on Auto Delete on Expired Date will delete the corresponding ID number.

This software has the function of auto-deletion of ID number at the expiration date by transferring deletion order through communication after check expiration date in S/W. Namely it is processed only in case that program is being operated normally.

But even though that program was ended, when it is operated again, registered persons who expiry date is set at former date than the date of PC and auto-deletion is checked are deleted automatically.

In case that communication error is occurred, it may not be processed automatically, for that this function is done through the communication of program.

5) Click Access Right tab.

This is used to limit the access area on the user by selecting placed Access Group or selecting Individual Access Door to limit the access area.





In case that you limit the access through defined access group, choose defined access group and choose access group at the lower part. Then access door list is included in access group is indicated at the bottom.

The setting of Individual access doors can be used at the access group setting mode in case that proper access group is not existed, or in case that you want to make and set the access group directly. In this case select setting of individual access doors and select the time schedule in the same method with access group setting, after that, double click door is admitted working together this time schedule.

2) Select Time & Attendance tab.

This is used to apply Time & Attendance by input of corresponding data. Refer to chapter 6 STARWATCH iTDC PRO I Time Attendance for detailed information.



👌 Card Holder	<u>×</u>
🚱 Transmit 🏏 Save 🐼 Close(F4)	
Employee No. 55 Name route Card No. 25500070 Password ****	
	0%
Detail Information Access Right Time & Attendance	
Date Employeed 2003-01-27 Retirement Date 2003-01-27 Aplly Time & Attendance WorkTime WorkTime1 Work Holiday Wweekly	

Input Date Employed. Input Retirement Date if that is the case. For a user who is retired, cancel the time attendance by removing check mark in Apply Time & Attendance. This option determines whether or not data is created.

If selecting Apply Time & Attendance, user needs to select Work Time and Work Holiday.

Work Time is applied per individual by using the Work Code setup.

Work Holiday is applied per individual to calculate attendance on a holiday work.

Work Time and Work Holiday needs to be setup initially through work in registration and work holiday registration.

Refer to chapter 6 STARWATCH iTDC PRO I Time and Attendance regarding setup for Work Time and Work Holiday.

Click Save button to save data.

Click Transmit button. This will send the selected data to the system for application.

When it is transmitted, ID is registered only at admitted area as following the setting of access group. So if a lot of access areas are exited, it might take some time for transportation of data. And that in case of communication defect, transmission error or delay of time can be happened.

And when the data is being transmitted, transmission status is indicated in the middle of screen.

This function will be operated only for normal communication status so that if the communication is lost, then this function will not be operated properly.



Modify

Modify is used to change existing data inputted. Find data to modify or to change registered content list.

👌 Card Holder List								×
🔍 Find	📀 Individual Transmit	😂 в:	atch Transmit	<u>.</u>	Add 🥖	Modify 🔀	Delete 区	Close
-Search Condition -								
Company		2	Sort By		-			
Employee No.			Sort Order		•			
Name								
Card No.								
				0%				
				0%				
		-	Card H	Holder List				
Employee No.	Name	Card No.	Compa	ny	Department		Title	Access
▶ 55	route	25500070	IDTECK	La	ab	Researd	her	Worker
								Þ

Selected data is displayed as below figure in highlighted blue bar.

1) Click Modify to see the following screen. The screen is equal to registration screen. Therefore, the Employee No cannot be changed.

Transmit Save Close(F4) Employee No. 55 Card No. 25500070 Password Former Founde Password Former Founde Card No. 25500070 Password Former Founde Card No. 2550070 Password Former Founde Password Former Founde Card No. 2550070 Password Former Founde Password Former Founde Password Former Founde Password Former Founde Password Password Password Former Founde Password Password	×
Employee No. 55 Name route Card No. 25500070 Password ****	
Name Iroute Card No. 25500070 Password ****	
O% Detail Information Access Right Time & Attendance Image: Company IDTECK Interest in the second seco	
	7

2) Modify items to change. Modify Detailed Information, Access Right, and Time & Attendance.



- 3) Click Save button to save data.
- 4) Click Close button to finish.

If card no or access group data was modified, you need to retransmit the data.

Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content list data.

Selected data is displayed as below figure in highlighted blue bar.

👌 Ca	rd Holder List							×
2	Find	👩 Individual Transmit	🚫 Ва	tch Transmit 🕴	Add 🕖	Modify	🔀 Delete	😧 Close
Sea	rch Condition —							
	Company		-	Sort By	•	•		
	Employee No.			Sort Order	▼			
	Name							
	Card No.							
				0%		,		
				0%				
				Card Holder L	.ist			
	Employee No.	Name	Card No.	Company	Department		Title	Access
	9	route	25500070	IDTECK	Lan	K	esearcher	Wurker
•								•

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.

💳 Card Holder List	×
All of cards v	vill be deleted,
Ves(Y)	No(N)

2) Clicking Yes button will delete all ID cards in iTDC device. Once completed, it will ask the user if the current data is going to be deleted from database in a message box.

Clicking Yes will delete from database, and registered into Delete Management to be restored later.



💳 Card Holder List	×
The selected card data will be deleted in databas	se,
🖌 Yes(Y) 🔀 No(N)	

- 3) Click Close button to finish.
- Individual Transmit

This function transmits the selected data to the iTDC device, and activates the setup functions. User is selected from the corresponding access group to be sent to the registered access door.

ł	🖇 Card Holder List								×
0	💦 Find	👩 Individual Transmit	: 🚫 Ba	tch Transmit	<u>.</u>	Add 🅖	Modify 🔀	Delete 区	Close
-	Search Condition Company Employee No. Name Card No.			Sort By		Y			
Γ				0%					
Ī				0%					
				Card Holde	r List				
	Employee No.	Name	Card No.	Company IDTECK	Lah	Department	Researcher	itle	Access Worker

Batch Transmit

This transmits the entire data through Find in means of Find Condition to the iTDC. If find has no specific parameters, it will display the entire information. In this case, clicking Batch Transmit will send entire registered data, but if specific parameter is used to Find, it sends the found result completely.



•		_								
🔍 Find	📀 Individual Transmit	S 🕫	atch Transmit		Add 🅖	Modi	y 💢	Delete	\odot	Clo
Search Condition										
Company		·	Sort By		<u> </u>					
Employee No.			Sort Order		<u> </u>					
Name										
Card No.										
			0	%						
			Card He	% Jdorliet						
Employee No.	Name	Card No.	Company		Department			Title		Acce
55	route	25500070	IDTECK	L	ab		Researci	her	۷	Vorker

Deleted Card Management

This function lets the user manage the deleted data from User Contents. If later on the deleted user is to be reinstated, this function recovers the data to register user without having to input all over again.

Start

Click Access Control Management->Deleted Card Management or press shortcut key F7.

Find

Find is used to get relevant information pertaining to the inquiry when information is available.



8	Delete	d Card Hold	er List					×
0	.	Find 🔦	🖌 Recover 🔀	Delete 🐼	Close			
-S	earch	Condition —						
		Company		•	Sort By	<u> </u>		
	Er	nployee No.			Sort Order	•		
		Name						
		Card No.						
					Card Holder	List		
	Em	ployee No.	Name	Card No.	Company	Department	Title	Access
►	999		ITY	25500098	IDTECK	Lab	Researcher	

- 1) Input Company, Employee No, Name, and Card No as appropriate.
- 2) Select Sort By and Sort Order.
- 3) Click Find to make an inquiry. If inquired result is available, the screen appears.
- Recover

This is used to recover delete user data. Use Find to locate or registered deleted user content to select data for recovery.

Selected data is displayed as below figure in highlighted blue bar.



8 Deleted Card Holder Liet						×
🔍 🛛 Find 🖌 R	ecover 🔀 🛛 I	Delete 🐼	Close			
-Search Condition						
Company			Sort By	•		
Employee No.			Sort Order	•		
Name						
Card No.						
			Card Holder Lis	st		
Employee No.	Name	Card No.	Company	Depariment	Title	Access
▶ 999 ITY		25500098	IDTECK	Lab	Researcher	
<[]						

- 1) Select data to recover from Find or Contents.
- 2) Click Recover button to begin.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content list data.

Selected data is displayed as below figure in highlighted blue bar.

\delta Deleted Card Holder List						×
🔍 Find 🕹 🛛	Recover 🔀	Delete 🐼	Close			
-Search Condition						
Company		•	Sort By	•		
Employee No.			Sort Order	•		
Name						
Card No.						
		_	Card Holder L	ist		
Employee No.	Name	Card No.	Company	Department	Title	Access
▶ 999 ITY		25500098	IDTECK	Lab	Researcher	
T						

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.





Visitor Management

This function manages visitor access by means of temporary visit registration. The visitor is issued a card with setup of access area, and expires the access with input of Expire date automatically.

Start

Click Access Control Management->Visitor Management or press shortcut key F8.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.

\delta Vi	sitor List							X
\bigcirc	Transmit 🔍	Find 🙀	Add 🕖 🛛 Ma	odify 🔀	Delete 😡 🛛 Cl	ose		
- Sec	reh Condition							
	Company		 Sort E 	Эу 🗌	▼			
	Name		Sort Orde	er 🗌	•			
	Telephone No.							
	Card No.							
				υ%				
		,		Visitor Lis	st			_
	Company	Name	Telephone No.	Card No.	Access Group	Visiting Company	Visiting Department	
► F	RF LOGICS	Eric		25500301		IDTECK	Lab	신
	1							

- 1) Input Company, Name, Telephone No, and Card No as appropriate.
- 2) Select Sort By and Sort Order.
- 3) Click Find to make an inquiry. If inquired result is available, the screen appears.
- Add

Add is used to create fresh data. Click Add button to add visitor information through input screen.



\delta Visitor List							X
😏 🛛 Transmit 🕵	Find 😥	Add 🚹 Mi	odify 🔀	Delete 😡	Close		
Search Condition							
Company		Sort I	Эу	•			
Name		Sort Ord	er	•			
Telephone No.							
Card No.							
			0%				
			Visitor Li:	st			_
Company	Name	Telephone No.	Card No.	Access Group	Visiting Company	Visiting Department	
RF LOGICS	Eric		25500301		IDTECK	Lab	신
x							Þ

1) The following screen appears after clicking Add.

👌 Visitor Management						
📀 🛛 Transmit 🏏	Save 区	Close				
Company Name Card No	/ DCP HAHA 25500071					
			0%			
Timeschedule						
Telephone No Visiting Compan Visiting Departmen Visiting Purpose Remark Issueing Date Expire Date	Image: second	▼ ▼ ▼ 00:00 ÷ ▼	4 9 4 9	Access Group group01 Selected Access Door Door1 Door3	Timeschedule All Time Acce All Time Acce	

- 2) Input Company, Name, and Card No. This input is a requirement and must be done.
- 3) Input visitor information.
- 4) Setup Issuing Date and Expire Date. Expire Date activates the automatic deletion of visitor ID. This means if the Expire Date matches the current PC time, the ID is automatically deleted from the device through communication.



The function of auto-deletion of ID number at the expiration date is transferred deletion order through communication after check expiration date in S/W. Namely it is processed only in case that program is being operated normally.

This function will be operated only for normal communication status so that if the communication is lost, then this function will not be operated properly.

- 3) Setup visitor access area. Select from the Access Group already in place. This function needs to be registered initially.
- 5) Click Save button to save.
- 6) Click Transmit to register the ID to iTDC.
- 7) Click Close button to finish.
- Modify

Modify is used to change existing data inputted. Find data to modify or to change registered content category.

Selected data is displayed as below figure in highlighted blue bar.

👌 Vis	itor List							X
0	Transmit 🔍	Find	Add 🥖 Mo	odify 🔀	Delete 🐼 Cl	ose		
Sear	rch Condition ——							
	Company		Sort B) 7	•			
	Name 🗌		Sort Orde	er	•			
	Telephone No.							
	Card No.							
				0%				
				Visitor Li	st			
	Company	Name	Telephone No.	Card No.	Access Group	Visiting Company	Visiting Department	
D	CP	HAHA		25500071	group01	IDTECK	Lab	ro
▶ R	F LOGICS	Eric		25500301		IDTECK	Lab	신

1) Click Modify to see the following screen. The Visitor Management Modify is equal to registration screen. Therefore, Company and Name cannot be changed.



👌 Visitor Management					2
😏 🛛 Transmit 🏏	Save 区	Close			
Company Name	RF LOGICS				
Card No.	25500301				
			0%		
Timeschedule					
Telephone No Visiting Company Visiting Departmen Visiting Persor Visiting Purpose Remark	 IDTECK Lab Shin Education	× ×	× ×	Access Group Selected Access Door Access Door	▼ Timeschedule
Issueing Date Expire Date	2002-01-20 • 2003-01-21 •	1 09:00 ÷			

- 2) Modify data. You must Transmit, if Card No and Access Group is changed.
- 3) Click Save and Transmit button.
- 4) Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered content data.

Selected data is displayed as below figure in highlighted blue bar.



8 \	/isitor List			_				×
0	Transmit 🔍	Find 🙍	Add 🥖 Ma	odify 🔀	Delete 🚺	Close		
_ Se	earch Condition							
	Company		 Sort E 	Эу 🗌	•			
	Name		Sort Ord	er 🗌	•			
	Telephone No.							
	Card No.							
				0%				
				Visitor Li	st			
	Company	Name	Telephone No.	Card No.	Access Group	Visiting Company	Visiting Department	
	DCP	НАНА		25500071	group01	IDTECK	Lab	roi
	RF LOGICS	Eric		25500301		IDTECK	Lab	신
4	1							

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.



Transmit

This function is used to send the setup functions to the iTDC device for activation. Use Find to search for data transmit or select the data from the registered reader categories to send.

Selected data is displayed as below figure in highlighted blue bar.



용 Visitor List						×
🕑 Transmit 🌻	🥇 Find 🧟	Add 🥖 Mo	odify 💢	Delete 🔕 🛛	Close	
- Search Condition -						
Compa	ny	 Sort E 	Эу 📃	▼		
Nam	ne	Sort Ord	er 🗌	•		
Telephone N	10.	-				
Card N	lo.					
			0%			
			Visitor Li	st		
Company	Name	Telephone No.	Card No.	Access Group	Visiting Company	Visiting Department
DCP	HAHA		25500071	group01	IDTECK	Lab ro
			23300301		IDILOK	
						Þ

- 1) Select from Visitor List.
- 2) Click Transmit.
- 3) Click Close to finish.

View

Access Door Status/Control

This function lets the user monitor access door status in real time. The icon status changes displaying in real time (Door Open, Door Closed, Lock, and Unlock)

Also, the user can control Lock, Unlock of access door by location of (entire, area type, floor type, individual type door)

Start

Click View->Door Status/Control or press shortcut key Ctrl+F1.

Control

This is used to control door of (entire, area type, floor type, individual type door)

- Lock (Entire): Entire doors are locked.
- Unlock (Entire): Entire doors are unlocked.
- Lock (Area): Selected area doors are all locked.



- Unlock (Area): Selected area doors are all unlocked.
- > Lock (Floor): Selected Floor doors are all locked.
- > Unlock (Floor): Selected Floor doors are all unlocked.



- Lock : Selected door is locked.
- Unlock: Selected door is unlocked.
- > 3 sec Unlock: Selected door is unlocked for 3 sec.
- ➤ 5 sec Unlock: Selected door is unlocked for 5 sec.
- > 10 sec Unlock: Selected door is unlocked for 10 sec.





Transaction Status

This function displays normal and alarm events when an event occurs. It lets the user check in real time the event status.

Start

Click View->Event Status or press shortcut key Ctrl+F2.

Event Status

This displays normal access events.

\delta Transact	tion										
EVEN	T STAT	US									
Date	Time	Area	Floor	Door	Reader	Name	Company	Department	Card No.	Status	
Activity	Alarm	1		1		1				1	_
-warring 1											

Alarm Status



This displays various alarm events. It shows user misregistration event, timeschedule error, and other input/output events.

Also, in the event of an alarm, there is an Admin acknowledgement function. User needs to acknowledge alarm status. If the alarm event was not checked, it will load into the alarm status when program is rebooted.

The number of alarm status loaded into the program is 3000 listing the current as standard. If the user does not check the alarm status when reaching this limit, the alarm status will not display again.

LAR		rus 🛛	Aci	(All 🖌	Ack 🐹 Alar	m Details					
te	Time	Area	Floor	Door	Reader	Name	Company	Department	Card No.	Status	

- > Ack All: Acknowledge all alarm events currently displayed.
- > Ack : Acknowledge alarm event selected with a mouse.
- Alarm Details: Acknowledge alarm event selected with a mouse can input details with Operator Comments. Once the alarm details are completed, click Ack button to acknowledge.

👌 Alarm Deta	ils							×
۲	Ack 区	Close						
Occurred Alar	m							
Date	Time	Area	Floor	Door	Reader	Name	Company	Departmei
								F
Operator Com	nments							
								<u>^</u>
								v



Alarm Status is displayed in various colors depending on alarm event type. Also, when the Admin acknowledges an alarm event, the event is displayed in black to check whether or not the alarm event was acknowledged.

Report

Card Holder List Report

The registered user status in Card Holder Management can be outputted.

Start

Click Report->Card Holder List or press shortcut key Ctrl+F4.

Print

This function uses registered Card Holder data as basis to print Card Holder contents in agreement to Find Condition.

🛢 Card Holder List					×
Select Report Type © Card Holder Report C Card Holer Report(Detail)	Company Employee No. Name Card No.	<u> </u>	Sort By		Print Export Close
Control Control		■ Back S Forw 11 + 12 + 13 + 144 + 14 11 + 12 + 13 + 144 + 14	ard Export to Excel Export 16 • 1 • 18 • 1 • 17 • 1 • 18 • 1 • 19	to HTML Export to PDF	3 - 1

1) Select Report Type.

Door Access Reports simply print employee's number, name, company, department, title, and access group.

Door Access Detail Reports print user's personal information and their photo images. (It causes system overload if access data has many lists with photo images to print them out or pre-vie.



- 2) Input Company, Employee No, Name, and Card No as appropriate.
- 3) Select Sort By and Sort Order.
- 4) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.

🛢 Ca	ard Holder List				×
Sea	rch Condition			Sort By	Print
Se	lect Report Type	Employee No.	Sort	Order	
	Card Holder Report Card Holer Report/Detail)	Name			Export
		Card No.			Close
	. <u>P</u> rint 🗈 🏘 🗉 🞛 🔍 🍳	100 % 💌 🖹 🐨 🚺 🎯	Back 🕥 Forward Exp	ort to Excel Export to	HTML Export to PDF
	• • • • • • • • • • • • • • • • • • • •	6 7 8 9 10 11	·12 · I ·13 · I ·14 · I ·15 · I	·16 · I ·17 · I ·18 · I ·19	· I · 20 · I · 21 · I · 22 · I · 23
1 - -				Card Hold	er Report
- - 1 -	Access	ard Holder Report			
2					
- 3	Employee ID Name	25500070 IDTECK	Department	Title	Access Group Iss
÷.	55 IUUIP	25500070 IDTECK	Lab	Researcher	groupor 20
4					
- 5					
÷					
6					
;					
÷					
8					
9					
-					~
•					
	📕 Card Holder List				×
	Search Condition	Company IDTECK	.	Sort By	Print
	Select Report Type	Employee No.		Sort Order	
	C Card Holder Report	Name			Export Export
		Card No.			Close Close
	🕒 Print. 🕞 🏘 🔳 🖽 🖉	⊖ ⊕ 100% ▼ 🕋 👽 1/1	🕜 Back 🌖 Forward	d Export to Excel Exp	port to HTML Export to PDF
		3 • 1 • 4 • 1 • 5 • 1 • 6 • 1 • 7 • 1 • 8 • 1 • 9	• • • 10 • • • 11 • • • 12 • • • 13	• • • 14 • • • 15 • • • 16 • •	· 17 · · · 18 · · · 19 · · · 20
L	2				
	8		Ca	rd Holder Re	nort(Detail)
	÷		Ca		
	Acce	ss Card Holder Re	eport(Detail)		
	-				
	12				
	3	Employee ID 55	Social Inc	Gender M	ale
	4	Card ID 255000	70	Car No	
	<u>-</u>	Company IDTEC	K Car L	icense No	
	5	Department Lab	Is	sued Date 2003	-01-27
	6	Title Research Access Worke	her E: r	xpire Date 2003	-01-27
		Access Group group	Tele 1 Mobile	ephone No Phone No	
	7	groupo	. MODIC		
	. 8				
	<u>+</u>				
	9				
	i i				
					<u> </u>

- 4) To obtain print out of this screen, click the Print button located in the top left hand side.
- File Conversion



All reports can be converted to variety of files. It can be converted to PDF, HTML, and Excel file. These converted files can be sent out via Internet and email to another person.

E Card Ho	lder List ondition							×
Select R C Card I	eport Type Holder Report Holer Report(Detail)		Company Employee No. Name Card No.		s	Sort By ort Order		Print Export Close
erin	t 🗈 🏘 🗉	⊞ Q € 100	% ▼ A ¥	1/1 3 B	ack 🕥 Forward E 2 · 1 · 13 · 1 · 14 · 1 · 15	xport to Excel Export to	HTML Export to PDF 9 • 1 • 20 • 1 • 21 • 1 • 22	- 23
1	Acces	<mark>ss</mark> Ca	rd Holder R	eport				
2	Employee ID	Name	Card ID	Company	Department	Title	Access Group	lss
· 3 · · 4 · · 5 · · 6 · · 7 · · 8 · · 9 · ·	56	route	25500070	IDTECK	Lab	Researcher	group01	20

- ✓ Export To Excel: Excel report file is created as appearing in print image.
- ✓ Export To HTML: HTML report file is created as appearing in print image.
- ✓ Export To PDF: PDF report file is created as appearing in print image. You will need Adobe Acrobat Reader to view the PDF file.
- 1) Click the button for the type of file conversion.
- 2) The following screen will appear. Input the file name and designate a folder location.

Save As				<u>? ×</u>
Savejn:	🔁 My Received	Files 🗾	🗢 🗈 💣 🎟	
History Desktop My Documents	TDC Source			
	File <u>n</u> ame:	Excel	-	<u>S</u> ave
Dia Manana Dia Manana Dia Manana Angle D	Save as type:	Excel Files(*.xls)	•	Cancel
My Network P				1

3) Click Save button. Depending on file conversion type, it may take some time to complete.



There are instances where it may take some time for the procedure to complete, depending on conversion file type and number of pages.

PDF and Excel file conversion takes some time. You will need to wait until the mouse's cursor hourglass display is finished.

4) Once conversion is completed, you can open the converted file to check file image.

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Export

This function is used to export specified file through Find data for storage.

Clicking Export button can store data from Find in text and Excel file.

📕 Card H	Holder List							X
Search Select Can	Condition Report Type d Holder Report d Holer Report(Detail)		Company Employee No. Name Card No.		Sort	Sort By	▼ ▼ ■	Print Export Close
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5 - 1 - 6 - 1 - 7 - 1 - 8 - 1 - 9 - 1 - 19								-
•								►

- 1) Input Search Condition.
- 2) Click Export button, and the following screen appears.



Save As						? ×
Save jn:	🔁 Resource		•	+ 🗈 💣	•	
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My Network P	Save as <u>t</u> ype:	Text Files(*.txt) Text Files(*.txt) Excel Files(*.xls)		•		Cancel

3) Input file location, name, and select file format. Click Save button to save.

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Delete Card Holder Report

The reports from deleted card holder in Card Holder Management are searched and printed. It searches and prints data registered in Delete Management.

Start

Click Report->Deleted Card Holder List Report or press shortcut key Ctrl+F5.

Print

This function prints the report of Deleted Card Holder List in agreement with registered deleted card holder data.



E	Accessible Door List By Person		×
S	arch Condition		
	Company Sort By T		Print
	Employee No. Sort Order		Export
	Name j		Olasa
	Card No. J	U	CIUSE
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- 1) Input Company, Employee No, Name, and Card No as appropriate.
- 2) Select Sort By and Sort Order.
- 3) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.

E A	ccessible Door List By Perso	n						×
-Sea	Company IDTECK		▼ Sor	t By	_		\geq	Print
	Employee No.		Sort Or	rder	-			Export
	Name Card No.		-					Close
1.2			× = 1	171				_
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i	Access	s Del	eted Card	Holder Rep	ort			
- 2								
÷	Employee ID	Name	Card ID	Company	Department	Title	Access Group	lss
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- 4) To obtain print out of this screen, click the Print button located in the top left hand side.
- Export and Conversion



These functions are used identically to methods explained formerly.

Event History Report

This report is searched as normal access event data of date and time. This data prints out all users' access record through search. Use appropriate condition to search and print.

Start

Click Report->Event History Report or press shortcut key Ctrl+F6.

Print

This function prints the report of stored access status data in agreement with search data.

	Event List		×
F	earch Condition		
	Date(From) 2003-01-27 🔽 00:00:00 📑 Access Door Door1	2	Print
	Date(To) 2003-01-27 V 23:59:59		xnort
	Name Door4		
	Card No. Event Type I Door5 I	3	Close
	😂 Brint 🕒 🏘 🗉 🎛 🔍 🍳 🕅 💌 🖍 🔮 💽 Sack 😔 Fighward Export to Excel Export to HTML	Export to PD)F
		1 21 1 22 1	·23 · 1 🔺
•			Þ

- 1) Input Date (From), Date (To), and time period for each date.
- 2) Select other items as appropriate.
- 3) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.


E Ev	vent List										×
Sea	arch Con	dition									
	Date(F	rom) 2003-1	01-27 💌 00:00	:00 📫		/	Access Door 🔲 🛛	Door1		\geq	Print
	Dat	e(To) 2003-I	01-27 💌 23:59	:59 📫)oor2)oor3		<u> </u>	Evnort
	N	Jame 🗌		•				Door4			Export
	Car	d No.	•	Event Typ	e	_		Door5	-	$\mathbf{\odot}$	Close
	Drint			▲ 100 %		1/1	A Back A F	orword Export	to Evcol Evport to	HTML Export to	DDE
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i		Δc	2201	Even	t Renort						
11		70	6633	L*011	. Ropon						
2											
1.1		Date	Time	Area	Floor	Door	Reader	PersonID	Name	Card No.	Compa
3		2003-01-27	07:00:00					55	route	25500070	IDTEC
1.5		2003-01-27	10:24:04	현관	03F	Door2	Out.Reader	55	route	25500070	IDTEC
4	-	2003-01-27	19:04:05	현관	03F	Door1	In.Reader	55	route	25500070	IDTEC
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4) To obtain print out of this screen, click the Print button located in the top left hand side.

Alarm History Report

This report searches and prints alarm event data. All data related to alarm events are stored in database. Using date and time as Find Condition, the alarm event status is searched and printed.

Start

Click Report->Alarm History Report or press shortcut key Ctrl+F7.

Print

This function prints the report of stored alarm status data in agreement with search data.



🖺 Alarm List			×
Search Condition	Inners Deer Deer		
Date(From) 2003-01-27 V 23:59:59	Access Door	^	Print
	Door3		Export Export
Alarm Type 💆 💆	Door5	-	🐼 Close
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- 1) Input Date (From), Date (To), and time period for each date.
- 2) Select other items as appropriate.
- 3) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.

🛢 Ala	arm List									×
Sea	rch Condition									
	Date(From) 2000	-01-27 💌 🛛	00:00:00 🛨	Ac	cess Door 🔲 Do	or1			\sim	Print
	Date(To) 2003	-01-27 🔹	23:59:59			or2				
		,				or3				Export
	Alarm Type		•			0r4 0r5	-			Close
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1										
-										
1										
i	Ac	cess	Alarm	Repor	t					
÷										
2	Date	Time	Area	Floor	Door	Reader	Name	Company	Department	Card
-	2002-12-03	12:05:09	현관	03F	Door2					
-	2002-12-03	12:05:09		03F	Door2		Input 7			
. 4	2002-12-03	12:05:09	현관	03F	Door2					
1	2002-12-03	12:05:09		03F	Door2		Input 7			_
5	2002-12-03	12:05:10		03F	Door2		Input 6			
11	2002-12-03	12:05:10		03F	Door2		Input 6			
ė	2002-12-03	12:05:16		03F	Door2		Input 5			
11	2002-12-03	12:05:16		03F	Door2		Input 5			
ź	2002-12-03	12:05:17		03F	Door2		Input 6			
11	2002-12-03	12:05:17		03F	Door2		Input 6			
ŝ	2002-12-03	12:05:27		03F	Door2		Input 5			
1	2002-12-03	12:05:27		03F	Door2		Input 5			
ġ	2002-12-03	12:05:28	현관	03F	Door2					
THE R. LEWIS	2002 42 02	12:06:29	하면	03F	Door2					
	2002-12-03	12.00.20								provide a second s
-	2002-12-03 2002-12-04	18:06:41	현관	03F	Door3	In.Reader				25500

4) To obtain print out of this screen, click the Print button located in the top left hand side.



Individual Type Access Door Report

This report uses setup Access Group data in Card Holder Registration, as basis to print out data of individual type access area/door status setup.

Start

Click Report->Individual Type Access Door Report or press shortcut key Ctrl+F8.

Print

It will print out Accessible Door List By Person.

E Accessible Door List By Person					X
Search Condition Select Report Type C Defined Access Group & Indivisual Access Group C Defined Access Group Only C Indivisual Access Group Only	Company Company Employee No. Name Card No.	Sort By Sort Order	× ×	20 10 10 10 10 10 10 10 10 10 10 10 10 10	Print Export Close
🛛 🕹 Print 🗅 🚑 🔳 🖽 🗨 🔂 🖸		Back 📀 Forward Export to	Excel Export to HTML	Export to PD	DF
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- 1) Input Date (From), Date (To), and time period for each date.
- 2) Select other items as appropriate.
- 3) Select Report Type.

Defined Access Group & Individual Access Group report consists of designate access group setup data and individual door type list setup.

Defined Access Group Only report consists of designate access group setup data.

Individual Access Group Only report consists of individual door type list setup.

4) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.



🛢 Accessible Door	List By Person							×
Search Condition Select Report Typ © Defined Access © Defined Access © Indivisual Access	e : Group & Indivisu : Group Only ss Group Only	ual Access Group	Co Emplo	mpany IDTECK yee No. Name ard No.	Sort By	Y Y		Print Export Close
🌛 <u>P</u> rint 🗅	 #4 ⊡ ⊞	Q Q 100 %		1/1 G Back	Eorward Export to	Excel Export to HTML 5 • 1 • 16 • 1 • 17 • 1 • 18 • 1	Export to PC)F
1 	Acc	ess	Accessib	le Door Repo	ort By Person			
- 2 - 3 -	Employee ID	Card No.	Name	Company	Department	Access Group	_	
4	55 Area (Loc	25500070	route Floor	IDTECK Access Door	Timeschedule Code	group01 Timeschedule	-	
0 - - - - - - - - - - - - - - - - - - -	상태 상태	산 산 산	03F 03F	Door1 Door3	01 01	All Time Access Code All Time Access Code		

5) To obtain print out of this screen, click the Print button located in the top left hand side.

Accessible Door List by Person Report

This report uses Accessible Door as basis to search and print out corresponding access door applied to give user authority.

Start

Click Report->Accessible Door List by Person or press shortcut key Ctrl+F9.

Print

It will print out Accessible Door List by Person.



🗧 Accessible Door List By Person		×
Search Condition		
Area (Location) Sort By	2	Print
Floor Sort Order 💌		Export
Access Door		Export
	•	Close
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- 1) Input Date (From), Date (To), and time period for each date.
- 2) Select other items as appropriate.
- 3) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.

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Searc	ch Condition —								
	Area (Location)			Sor Sor	t By 🗾				Print
	Floor				der j				Export
	Access Door	1						$\mathbf{\odot}$	Close
6	Print	M 🗆 🖽	⊙ ⊙ 1003	* 🔹 🖈		< 🕥 Forward Export to	Excel Export to HTML	Export to	PDF
	1.1.1	1 2	1 • 3 • 1 • 4 • 1	- 5 - 1 - 6 - 1 -	7 - 1 - 8 - 1 - 9 - 1 - 10 - 1 - 1	12 13 14	5 · 1 · 16 · 1 · 17 · 1 · 18 · 1	· 19 · · · 20	-
1 - 2		Acc	ess	Access	sible Person Re	port By Door			
3		Area (Loc	ation)	Floor	Access Door			_	
- 4		현린	÷	03F	Door1				
1		Employee ID	Card No.	Name	e Company	Department	Timeschedule	_	
6 -		55	25500070	route	IDTECK		All Time AccessCode		
6		Area (Loc	ation)	Floor	Access Door			-	
7		한편		03F	Door1			_	
÷		Employee ID	Card No.	Name	e Company	Department	Timeschedule		
9		55	25500070	route	IDTECK		All Time Access Code	9	Ţ
4									Þ

4) To obtain print out of this screen, click the Print button located in the top left hand side.



Visitor Event List

This function searches and prints registered visitors' access event status data. This data is stored in database and the user search and print this data using date and time as basis.

Start

Click Report->Visitor Event List or press shortcut key Ctrl+F11.

Print

It will print out Visitor Event List.

E Visitor Event List			X
Search Condition			
Select Report Option C Event Status & Alarm Status C Event Status Only C Alarm Status Only	Date(From) 2003-01-27 ▼ 00:00:00 ★ Date(To) 2003-01-27 ▼ 23:59:59 ★ Name Card No.	Access Door Door2 Door3 Door4 Door5	Print Print Export Close
🛛 👌 Erint 🗈 🏘 🗉 🎛 🗨 🖲	100 % 💌 📄 🐨 🖉	Back 🕥 Forward Export to Excel	Export to HTML Export to PDF
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			×

- 1) Input Date(From), Date (To), and time period for each date.
- 2) Select other items as appropriate.
- 3) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.



E Visitor	Event List									2
Search Select © Even © Even © Alar	Condition Report Option – nt Status & Alarr nt Status Only m Status Only	n Status	Date(Da Ca	(From) 2000-01 Ite(To) 2003-01 Name Ird No.	-27 💌 00:00:0 -27 💌 23:59:5	0 ÷ Access I 9 ÷	Door Door2 Door3 Door4 Door5			Print Export Close
	int 🗈 🌶	• • • • • • • • • • • • • • • • • • •	2 € 100 % s s s s Visiti	or Event	• 1/1 • • • • • • • • • • • • • • • • • • •	Back 9 F	orward Export t	o Excel Export to H	TML Export to	PDF
- 2 - 1 - 3 - 1 - 4 - 1 - 5 - 1 - 6 - 1 - 7 -	Date 2003-01-20	Time 09:00:00	Area 한만	Floor 03F	Door Door2	Reader In.Reader	Name Eric	Company RF LOGICS	Phone No.	Card 25500
- 8 - 9 -										

4) To obtain print out of this screen, click the Print button located in the top left hand side.

Last Access Event Report

This report is based on Last Access Event data to locate the current site the user is at, using the event occurrence data to search and print out.

This data when used with iTDC device Antipassback function can create accurate data, but if Antipassback is not used, the resulting data cannot be seen as accurate.

Start

Click Report->Last Access Event Report or press shortcut key Ctrl+F12.

Print

It will print out Last Access Event Report.



😫 Last Access Event Report		×
Search Condition Company Company Sort By Sort By Sort Order Card No. Card No.		Print Export Close
Image: Sector of the sector	Export to PC)F ∙23 • । ▲
- 3 - - 4		
		•

- 1) Input Date (From), Date (To), and time period for each date.
- 2) Select other items as appropriate.
- 3) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.

E La	st Access Event Report							×
	Company IDTECK	(<u>'</u>	Sort E	Эу 🔄 💌]		Ì	Print
	Employee No.		Sort Ord	er 💌	l			Export
	Card No.						$\mathbf{\overline{S}}$	Close
8	<u>P</u> rint 🗅 🏘 🗉	⊞ Q ⊕ 100	% ⊻ * ⊮ 1/	G Back	Forward Export	to Excel Exp	port to HTML Export	to PDF
	1 · · · · · · 1 · · · · 2 · · ·	• 3 • 1 • 4 • 1 • 5 •	1 • 6 • 1 • 7 • 1 • 8 • 1 • 9	• • • 10 • • • 11 • • • 12 •	I • 13 • I • 14 • I • 15 • I •	16 · + · 17 · +	•18•1•19•1•20•1•	21 · · · 22 · · · 🔺
1 -								
:								
1	Acce	<mark>ess</mark> La	ast Access E	vent Report				
2	Employee ID	Name	Company	Department	Area (Location)	Floor	Access Door	Reader
3	55	route	IDTECK	Lab	현관	03F	Door2	Out.Read
4								
5								
6								
÷								
-								
-								
9 - -								
in •								• •

4) To obtain print out of this screen, click the Print button located in the top left hand side.



Chapter

Time / Attendance

STARWATCH iTDC PRO I Time/Attendance

This chapter explains STARWATCH iTDC PRO I Time/Attendance in detailed use instruction.

Time/Attendance

Time/Attendance contains basic data configuration to create each individual time and attendance information. You can make inquiries to retrieve the information. You must configure this function to use Time/Attendance.

Work Time Definition

For Work Time Definition, work code is created to configure daily attendance, Saturday attendance, lunch hour, extension start hour, and next day standard hour.

Start

Click Time/Attendance->Work Time Definition or press shortcut key Shift + F2.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.

11	Work Time List				×							
0	Find 🧕	Add 🥖 Mod	ify 💢 🛛 Delete 🌘	🔇 Close								
Fi	nd Condition	<time code<="" th=""><th>X</th><th></th><th></th></time>	X									
	Work Time Name											
	Work Time	Work Time Name	Day In Time	Day Out Time	Sat In							
►	01	01	AM 9:00:00	PM 6:00:00	AM 9:							

- 1) Select the Work Time Code and input Work Time Name as appropriate.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.



Add

Add is used to create fresh data. Click Add button to add work time through input screen.

1) The following screen appears after clicking Add.

📕 Definitio	n Work Time		×
×	Save 🐼 🛛 Clo	ose	
	Work Time Code Work Tima Name	3 []	
·	Day Work In Time	AM 12:00:00	
	Sat Work In Time	AM 12:00:00	
	Lunch Out Time	AM 12:00:00	
	Over Time	AM 12:00:00	
	Next Day Time	AM 12:00:00 🗧	

- 2) Input Work Time Code (It must not be duplicated)
- 3) Input Work Time Name.
- 4) Configure each Time.

Configure Lunch Out/In time. This information will be used at monthly end category to deduct or include total time of lunch taken to calculate total hours worked.

Overtime is described as work performed after end of work schedule.

📕 Definitio	on Work Time	×
×	Save 💽 Close	
	Work Time Code 02 Work Tima Name 02]
	Day Work In Time AM 12:00:00	
	Sat Work In Time AM 12:00:00 📑 Sat Work Out Time AM 12:00:00 📑	
	Lunch Out Time AM 12:00:00	
	Over Time AM 12:00:00	

5) Once input is completed, click Save button to save data.



- 6) Click Close button to finish.
- Modify

Modify is used to change existing data inputted. Find data to modify or to change registered work time category.

Selected data is displayed as below figure in highlighted blue bar.

🛢 Wo	ork Time List				×
<u>_</u>	Find 🔬	Adc 🥖 Modi	ify 🔀 🛛 Delete 🌔	Close Close	
Find	Condition Work Work	Time Code			
		Worl	<time name<="" th=""><th></th><th></th></time>		
	Work Time	Work Time Name	Day In Time	Day Out Time	Sat In
	01	01	AM 9:00:00	PM 6:00:00	AM 9:
	02	02	AM 12:00:00	AM 12:00:00	AM 12
					<u> </u>

- 1) Click Modify to see the above screen. The Work Time List is equal to registration screen. Therefore, the Work Time Code cannot be changed.
- 2) Modify the items that need changing.
- 3) Click Save button to save the modified information. Click Close button to finish.
- Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered port list data.

Selected data is displayed as below figure in highlighted blue bar.



H /	Work Time List				×
0	Find 🛃	Add 🥖 Mod	ify 💢 🛛 Delete 🧯	Close Close	
Fir	nd Condition				
	Work	Time Code			
		Worl	< Time Name		
	Work Time	Work Time Name	Day In Time	Day Out Time	Sat In
\mathbf{F}	01	01	AM 9:00:00	PM 6:00:00	AM 9:
	02	02	AM 12:00:00	AM 12:00:00	AM 12
•					

4) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.

🔲 Work Time List	×
02 - Would y	you delete?
Ves(Y)	

Work Holiday Definition

Work Holiday Definition function configures work holiday to exclude from total attendance calculation.

Start

Click Time/Attendance->Work Holiday Definition or press shortcut key Shift+F3.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to modify and delete the existing data information.



🖪 Work Holiday List			×
🕵 Find 🔬 Ad	d 🥖 Modify 🔀	Delete 🐼	Close
Find Condition Work Holiday Code Work Holiday Name			
	Work Holiday Na	me	
Work Holiday Code	Work Holiday Name		

- 1) Select the appropriate Holiday Code and Holiday Name.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.
- Add

Add is used to create fresh data. Click Add button to add work holiday through input screen.

📕 Work	Holiday List					×
2	Find 🛃	Add 🥖	Modify 🔀	Delete 🐼	Close	
Find Co	ondition					
	Work Holiday Co	de	T			
	Work Holiday Nar	me 📃				
			work Holiday Na	me		
	Work Holiday Code	Work	(Holiday Name			
				_		

1) The following screen appears after clicking Add.



🛢 Work Holiday Definition			
🚩 Save 🐼 C	lose		
Work Holiday Code Work Holiday Name			
Work Holiday Date Name		Selected Work Holiday	/ Date
		Work Holiday Date	Work Holiday Na
Relect Work Heliday Date			
2002년 10월			
일 월 화 수 목 금 토	>>		
29 30 1 2 3 4 5			
6 7 8 9 10 11 12	<<		
13 14 15 16 17 18 19			
27 28 29 30 31 1 2			
3 4 5 6 7 8 9			
乙오늘: 2003-01-23			

- 2) Input Work Holiday Code. (It must not be duplicated)
- 3) Input Work Holiday Name.
- 4) Input Work Holiday Date Name.
- 5) Click the work holiday date twice or select the date then press >> button.

Work Holiday Definition				×
🖌 Save 🐼 Close				
Work Holiday Code 0001 Work Holiday Name 0001				
Work Holiday Date Name		Selected Work Holiday	/ Date	
0001	-	Work Holiday Date	Work Holiday Na	
		2002-10-01	0001	
Select Work Holiday Date		2002-10-02	0001	
		2002-10-03	0001	
└── 2002년 10월 └──		2002-10-04	0001	
입 윜 하 수 목 금 토		2002-10-05	0001	
29 30 1 2 3 4 5		2002-10-06	0001	
6 7 8 9 10 11 12		2002-10-07	0001	
13 14 15 16 17 19 10		2002-10-08	0001	
		2002-10-09	0001	
20 21 22 23 24 25 20		2002-10-10	0001	
27 28 29 30 31 1 2				
3456789				
●오늘: 2003-01-23				

- 6) From the Selected Work Holiday Date list, delete the date by double clicking or selecting date and clicking << button.
- 7) Click Save button to save data, and click Close button to finish.
- Modify



Modify is used to change existing data inputted. Find data to modify or to change registered work holiday category.

📕 Work	(Holiday List							X
0	Find 🛃	Add 🥖	Modify	×	Delete 区	Close		
Find C	ondition							
	Work Holiday Co	ide 🗌		-				
	Work Holiday Na	me						
			Work Hol	iday Nam	ne			
	Work Holiday Code	Work	(Holiday Na	ime				
	0001		0001					

Selected data is displayed as below figure in highlighted blue bar.

- 1) Click Modify button.
- Click Modify to see the following screen. The Work Holiday screen is equal to registration screen. Therefore, the Work Holiday Code cannot be changed, except the holiday date included in selected holiday code.

🛢 Work Holiday Definition				×
🖌 Save 🐼 Clos	se -			
Work Holiday Code 0001 Work Holiday Name 0001				
Work Holiday Date Name		Selected Work Holiday	/ Date	
Select Work Holiday Date 2002년 10월 일 월 화 수 목 금 토 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 2 3 4 5 6 7 8 9 2 3 4 5 6 7 8 9	>> <<	2002-10-01 2002-10-02 2002-10-02 2002-10-03 2002-10-04 2002-10-05 2002-10-06 2002-10-07 2002-10-08 2002-10-09 2002-10-10	0001 0001 0001 0001 0001 0001 0001 0001 0001 0001 0001 0001 0001 0001 0001 0001 0001 0001	

Modify the items to be changed.

- 3) Click Save button to save data, and click Close button to finish.
- Delete



Delete is used to delete existing inputted data. Find data to delete or to delete registered work holiday list data.

📕 Work	Holiday List					×
0	Find 🛃	Add 🎽	Modify 🔀	Delete 🐼	Close	
Find Co	ndition					
	Work Holiday C	ode	•	[
	Work Holiday Na	me				
			Work Holiday N	ame		
	Work Holiday Code	Work	: Holiday Name			
	0001		0001			

Selected data is displayed as below figure in highlighted blue bar.

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.



Work Type Definition

Work Type Definition configures late, leaving early, absence, business trip into work type code.

Start

Click Time/Attendance->Work Type Definition or press shortcut key Shift+F4.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to modify and delete the existing data information.



_	📕 Work 🛛	Fype List					X
	ð,	Find 🙀	Add 🥖 🛛 🕅	1odify 💢	Delete 区	Close	
	-Find Col	ndition Vori V/ork	k Type Code : Type Name				
			۷	Vork Type Name			
	D	oor List	Work Type Name				
		01	Normal				
		02	Late				
		03	Absence				
		04	Holiday Work				
		05	TEST				

- 1) Select the appropriate Work Type Code and Work Type Name.
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.

If find has no specific parameters, it will display the entire information.

Add

Add is used to create fresh data. Click Add button to add work type data through input screen.

111	Work Type List					×
Q	🕴 🛛 Find 🛃	Add 🥖 🛛 🕅	1odify 💢	Delete 🐼	Close	
Fi	ind Condition					
6	Worl	k Type Code	_			
Ľ		, rype Name j				
		V	Vork Type Name			
	Door List	Work Type Name				
►	01	Normal				
	02	Late				
	03	Absence				
	04	Holiday Work				
	05	TEST				

1) Click Add button, and the following screen appear.



📕 Work Type Definition	×
🏏 Save 🐼 Close	
Work Type Code	
Work Type Name	
😫 Work Type Definition	×
🖌 Save 🐼 Close	
Work Type Code 06	
Work Type Name Business Trip	

- 2) Input Work Type Code.
- 3) Input Work Type Name.
- 4) Click Save button to save data.
- 5) Click Close button to finish.
- Modify

Modify is used to change existing data inputted. Find data to modify or to change registered work type list.

Selected data is displayed as below figure in highlighted blue bar.

1	Work Type List					X
	Find 🧕	Add 🥖 Ma	dify 💢	Delete 🐼	Close	
Fi	nd Condition					
	Work Work	<type code<br="">Type Name</type>	•			
		W	ork Type Name	1		
	Door List	Work Type Name				
	01	Normal				
	02	Late				
	03	Absence				
	04	Holiday Work				
	05	TEST				
►	06	Business Trip				

1) Click Modify to see the following screen. The Work Type Definition screen is equal to registration screen. Therefore, the Work Type Code cannot be changed.



 Work Type Definition
 X

 Save
 Close

 Work Type Code
 06

 Work Type Name
 Business Trip

- 2) Modify Work Type Name.
- 3) Click Save button to save data.
- 4) Click Close button to finish.

Work Type Code 01, 02, 03, and 04 is configured as default value for Normal, Late, Absence, and Holiday work. This value cannot be modified or deleted.

Delete

Delete is used to delete existing inputted data. Find data to delete or to delete registered work holiday list data.

Selected data is displayed as below figure in highlighted blue bar.

1	Nork Type List							×
0	Find 🧕	Add 🕖	Modify	×	Delete	8	Close	
Fit	nd Condition	< Type Code		•				
	Work Work	Type Name						
			Work Ty	/pe Nai	ne			
	Door List	Work Type Name						
	01	Normal						
	02	Late						
	03	Absence						
	04	Holiday Work						
	05	TEST						
\mathbf{F}	06	Business Trip						

1) Click Delete button. The screen below will appear. Click Yes button to delete or No button to cancel.





Daily Data Management

Daily Data Management creates data from individually configured work time and work holiday using present normal access event data. This is called daily end data.

Start

Click Time/Attendance->Daily Data Management or press shortcut key Shift+F5.

Create Work Data

Create Work Data creates data from individually configured work time and work holiday using normal access event data. The created data is differentiated from normal access event, and saved as a separate data.

目 Manage Daily Work Data					×
Create Daily Work Data Find D	aily Work Data				
From 2003-01-23 F	rom 2003-01-23	Compnay Department	<u> </u>	्	Find
10 2003-01-23	10 2003-01-23	Employee No.		—	Export
Create Data So	int by Tew Minute	Name		\odot	Close
_		0%			
		0%			

1) Select the From/To date for creating work data.



2	Find Daily Work Data					
From 2002-01-23	From 2003-01-23	3	Compnay	•	<u></u>	F
Te 2003-01-23	To 2003-01-23		Department	•	at 💊	
			Employee No.			Ex
📔 Create Data	Sort by	•	Name			C1
	View Minute	C View Hour	Work Type	•	U	U
			100%			
			29%			

2) Click Create Data button to begin work data.

If there is no data, it will display a message as no data. If there is data, a progress bar is shown in relation to data creation progress.

- 3) Once completed, click OK button to finish data creation.
- Find Daily Work Data

Find Daily Work Data is used to get relevant information pertaining to the inquiry when information is available. It is used to modify existing data information to send out, or when incorrect attendance data is found.



📕 Manage Daily 🕷	Vork Data					×
- Create Daily Work From 2003 To 2003	€ Data	Find Daily Work Data From 2003-01- To 2003-01- Sort by • View Minute	23 ¥ 23 ¥ View Hour	Compnay Department Employee No. Name Work Type	<u>×</u> ×	Find Export Close
				0%		

- 1) Select the From/To date for creating work data.
- 2) Sort by date, company, department, employee ID, name, and attendance type as appropriate.
- 3) Select view format.
- 4) Select as View Minute or View Hour to see late, absence, overtime, and special duty by attendance type.
- 5) Click Find to make inquiry. If result is found, the data is displayed.

📕 Manage Daily '	Work Data							×
Create Daily Wor	k Data	Find Daily Work Data						
From 200	12 01 22	From 2002-01-23	-	Compna	ау	•	Q•	Find
To 200	2-01-23	To 2003-01-23		Departme	nt	•	\$ <u>.</u>	
10 1200	J3-01-23	10/2003-01-23		Employee N				Export
	Create Data	Sort by	-	Nam				
6		G Minuto C	View Hour	Work Tyr		_		Close
		se view windle	VIEW HOU	WORK TYP	1 20			
				100%				
				100%				
			Da	ily Data List				
Work Date	Employee No.	Name	Company	Department	Title	Card No.	Work Schedule	Holiday 📩
2002-01-23	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-01-24	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-01-25	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-01-26	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-01-28	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-01-29	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-01-30	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-01-31	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-01	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-02	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-04	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-05	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-06	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-07	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-08	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-09	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-11	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-12	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-13	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-14	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
2002-02-15	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	-
1								•



Abnormal Attendance Data Modification

After performing work data, you can check the daily attendance result by inquiry. If modification is needed, double click the result to open the modification screen.

E	🗄 Manage Daily Work Data 🔀											
C	reate Daily Wo	rk Data	Find Daily Work Data									
	From 200	12.01.22	From 2002-01-23	-	Compn	ay	•	<u>_</u> •	Find			
	To 200	12 01 22	To 2003-01-23		Departme	nt	•	<u></u>	J			
	10 1200	5-01-25	10 12000 01 20		Employee N	io.			Export			
		Create Data	Sort by	•	Nan	ne						
	9		View Minute	View Hour	Mork Tv	ne	-		Close			
			S VIEW MINUTE 10	VIEW HOU	1000							
	100%											
-	Work Date	Employee No	Name	Company	Denartment	Title	Card No	Work Schedule	Holiday 🔺			
•	2002-01-23	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
-	2002-01-23	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
-	2002-01-24	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
_	2002-01-26	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
_	2002-01-28	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-01-29	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-01-30	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-01-31	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-01	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-02	00055	Luis	Luis Company	R&D Center	.						
	2002-02-04	00055	Luis	Luis Company	R&D Center	Click the	e data to b	e modified v	with doubl	e cli		
	2002-02-05	00055	Luis	Luis Company	R&D Center	Employee	23300070	01				
	2002-02-06	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-07	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-08	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-09	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-11	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-12	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-13	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-14	00055	Luis	Luis Company	R&D Center	Employee	25500070	01				
	2002-02-15	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	-			
Í												

1) Click the data to be modified with 2 clicks on a mouse. It will activate the screen below.

📕 Modify Daily Attendan	ce Data	×
🚩 🛛 Save 🐼	Close	
Entry Date	2002-01-29	
Employee ID	00055	
Name	Luis	
Work In Date/Time	2002-01-29 PM 6:05:00 ÷	
Work Out Date/Time	2002-01-29 PM 6:05:00 🛨	
Late Time(Min)	0	
Early Leave Time(Min)	0	
Over Time(Min)	0	
Extra Time(Min)	0	
Work Type	Absence 🔽 🗖 No Update	
Remark		A
		-

- 2) Entry Date, Employee ID, and Name cannot be modified. Work In Date/Time, Work Out Date/Time, Late, Early Leave, Overtime, Extra Time, and Work Type can be modified.
- 3) If No Update is selected, the work data performed once more will not update the modified data.
- 4) If modification is completed, click Save button to save data.



5) Click Close button to finish.

If the work-closing will be updated, event data is resorted by time & attendance setting value. But this will be available to update for event data when the modification date is the same of original entry date, otherwise it can not be update if the user check for invalid update when the all data closing.

If modifying attendance data, you need to find the data results in minutes. Otherwise, the data results in hour cannot be modified. Find the data results in minutes to allow modification to the attendance data.

Monthly work data uses Daily work data as basis. If daily work data is modified, it will reflect to monthly work data.

Export

This function sends out work data as text file or Excel file format. The files exported can be used in other attendance and wage programs, or connected to an ERP system to be used efficiently.

111	Manage Daily	Work Data							>
-0	reate Daily Wo	k Data	Find Daily Work Data						
	From 200 To 200	12-01-23 • 13-01-23 •	From 2002-01-23 To 2003-01-23	•	Compn: Departme	ay nt	•	<u>.</u>	Find
					Employee N	0.			Export
		Create Data	Sort by	▼	Nam	ne			
			View Minute	🗋 View Hour	Work Ty	pe 🗌	•	C	Close
					100%				
					100%				
				Da	ily Data List				
	Work Date	Employee No.	Name	Company	Department	Title	Card No.	Work Schedule	Holiday 🔄
▶	2002-01-23	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-01-24	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-01-25	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-01-26	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-01-28	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-01-29	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-01-30	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-01-31	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-01	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
Γ	2002-02-02	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-04	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-05	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-06	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-07	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-08	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-09	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-11	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-12	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-13	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-14	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
	2002-02-15	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
4	T								

- 1) Click Find button to make inquiry.
- 2) Click Export button, and the following screen appears.



Save As					? ×
Save jn:	Resource		•	+ 🗈 💣 🎟 -	
History History Desktop My Documents	Log				
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- 3) Designate folder to save into.
- 4) Input file format.
- 5) Select text file or Excel file for export format.
- 6) Click Save button to save file.

If text file is selected for export, the following screen appears.

/////////////////////////////////////	_ @ ×
2882-81-23:00055:Luis:Luis Company:850 Center:Employee:25500070:01:22002-01-23::22002-01-23::0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:	- A 28
2002-01-25:00055:Luis:Luis Company:850 Center:Employee:25500070:01:2002-01-25:::2002-01-25:::0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:	A78
2002-01-25:00055:Luis:Luis Company:86D Center:Employee:25500070:01::2002-01-25:::2002-01-25:::0:0:0:0:0:0:0:Absence::False	
2002-01-26:00055:Luis:Luis Company:R&D Center:Employee:25500070:01::2002-01-26:::2002-01-26:::0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0	
2002-01-28:00055:Luis:Luis Company:RAD Center:Employee:25500070:01::2002-01-28:::2002-01-28:::0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0	
2002-01-29:00055;Luis;Luis Company;R&D Center;Employee:25500070;01::2002-01-29:::2002-01-29:::0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0	
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2002-02-25:00055:Luis:Luis:Luis Company:BLD Center:Employee:25500071:01:2002-02-25:::2002-02-25:::0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:	
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2002-03-13;00055;Luis;Luis Company;R5D Center;Employee;25500070;01;;2002-03-13;;22002-03-13;;0;0;0;0;0;03;Absence;;False	
2002-03-14;00055;Luis;Luis;Luis;Company;R60 Center;Employee;25500070;01;;2002-03-14;;22002-03-14;;2002-03-14	
2002-03-15;00055;Luis;Luis Company;RED Center;Employce;25500070;01;;2002-03-15;;;2002-03-15;;;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0;0	
2002-03-10:00055[Luis:Luis Company:KKD Center:Employee:255000/0;01:2002-03-16:::2002-03-16:::0:0:0:0:0:0:0505000/0;01:0:0:0:0000000000000000000000000	
2002-05-18;00055;Luis;Luis:Lonpany;RKD Lenter;Imployce;255000/0;01;01;2002-03-18;;2002-03-18;;2002,0;01;01;01;05;05566;2;False	
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2	2002-01-23	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-01-23		2002-01-
3	2002-01-24	55 Luis	Luis Compa H&D Center Employee	25500070	1	2002-01-24		2002-01-
4	2002-01-25	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-01-25		2002-01-
5	2002-01-26	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-01-26		2002-01-
6	2002-01-28	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-01-28		2002-01-
7	2002-01-29	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-01-29		2002-01-
8	2002-01-30	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-01-30		2002-01-
9	2002-01-31	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-01-31		2002-01-
10	2002-02-01	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-02-01		2002-02-
11	2002-02-02	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-02-02		2002-02-
12	2002-02-04	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-02-04		2002-02-
13	2002-02-05	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-02-05		2002-02-
14	2002-02-06	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-02-06		2002-02-
15	2002-02-07	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-02-07		2002-02-
16	2002-02-08	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-02-08		2002-02-
17	2002-02-09	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-02-09		2002-02-
18	2002-02-11	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-02-11		2002-02-
19	2002-02-12	55 Luis	Luis Compa B&D Center Employee	25500070	1	2002-02-12		2002-02-
20	2002-02-13	55 Luis	Luis Compa BAD Center Employee	25500070	1	2002-02-13		2002-02-
21	2002-02-14	55 Luis	Luis Compa BAD Center Employee	25500070	1	2002-02-14		2002-02-
20	2002-02-15	EE Luie	Luis Compa BAD Center Employee	25500070	1	2002-02-15		2002-02-
20	2002-02-16	EE Luie	Luis Compa R&D Center Employee	25500070	1	2002-02-16		2002-02-
20	2002-02-10	EE Luie	Luis Compa R&D Center Employee	25500070	1	2002-02-10		2002-02
05	2002-02-10	EE Luiz	Luis Company DID Conter Employee	25500070	1	2002-02-10		2002-02
20	2002-02-19	EE Luis	Luis Companado Center Employee	25500070	1	2002-02-19		2002-02-
07	2002-02-20	EE Luis	Luis Compariso Center Employee	25500070	1	2002-02-20		2002-02-
27	2002-02-21	55 Luis	Luis Compa Hab Center Employee	25500070		2002-02-21		2002-02-
28	2002-02-22	55 Luis	Luis CompartaD Center Employee	25500070		2002-02-22		2002-02-
28	2002-02-23	55 LUIS	Luis Compa HoD Center Employee	25500070		2002-02-23		2002-02-
30	2002-02-25	55 Luis	Luis Compa H&D Center Employee	25500070	1	2002-02-25		2002-02-
31	2002-02-26	55 Luis	Luis Compa RoD Center Employee	25500070		2002-02-26		2002-02-
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35	2002-03-02	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-03-02		2002-03-
36	2002-03-04	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-03-04		2002-03-
37	2002-03-05	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-03-05		2002-03-
38	2002-03-06	55 Luis	Luis Compa R&D Center Employee	25500070	1	2002-03-06		2002-03+
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and a	CIMING CONTRACT (Summer	eV animara l			19		_	

Monthly Data Management

Monthly Data Management uses work data as basis to get total of individual type monthly attendance data.

Start

Click Time/Attendance->Monthly Data Management or press shortcut key Shift+F6.

Create Data

Work data is used as basis to create Monthly Work Data. Work data's monthly total data is created by individual type monthly total data.

- Select Monthly Work Data. This data is calculated using time attendance option configuration as basis. If configuring date as 25th end date, it will calculate from last month 26th up to selected month of 25th as end date.
- 2) Click Create Data button begin data creation.



📕 Manage Monthly Work Data				×
Greate Monthy Work Data	Find Monthly Work Data Month 2003/01	Compnay Department Employee No. Name	▼	Find Export Close
		100%		

Find Monthly Work Data

This is used to find data created in Monthly Work Data.

🛢 Manage Monthly Work Data				×
Create Monthly Work Data Month 2009/01	Find Monthly Work Data Month 2003/01 Soft by Image: Soft by	Compnay Department Employee No. Name	Find	t e
,, ,		0% 0%		

- 1) Select Month, Company, Department, Employee ID, and Name as appropriate.
- 2) Select view option as View Minute or View Hour.
- 3) Click Find button to begin Monthly Work Data inquiry. If data is found, it will display in the screen.



Manage Monthly Work Data							>
Create Monthly Work Data	Find Monthly Work Data						
Month 2003/01	Month 2003/01	*	Compna	/	•	<u></u>	Find
			Departmen	t	•		
👅 Create Data	Sort by	~	Employee No				Export
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		Mont	hly Data List				
Work Month Employee No.	Name	Company	Department	Title	Card No	Work Schedule	Wotk Holiday
200301 00055 I	Luis	Luis Company	R&D Center	Employee	25500070	01	

Exporting Monthly Work Data

Monthly Work Data can be exported in same manner as Work Data. It can be sent as text file or Excel file to be used in other programs.

Yearly Data Management

Yearly Data Management uses Monthly Data as basis to calculate total annual time attendance data for data creation. Data to be created is agreed with Monthly Data.

Start

Click Time/Attendance->Yearly Work Data or press shortcut key Shift+F7.

Create Data

Monthly data is used as basis for selected year's monthly total data to create time attendance data.



📕 Yearly Work Data				×
Create Yearly Work Data	Find Yearly Work Data Year 2003 Sort by C View Minute C View Hour	Compnay Department Employee No. Name	©. €	Find Export Close
		100%		

- 1) Select Year for yearly data.
- 2) Click Create Data button to begin yearly work data creation.
- Find Yearly Work Data

This finds the completed yearly work data through inquiry. It is used to check yearly work data or exporting the data.

Yearly Work Data				×
- Create Yearly Work Data Year 2000	Year 2003 Year 2003 Sort by Y	Compnay V Department V Employee No. Name	<u> </u> ⊒ ⊗	Find Export Close
		0%		



- 1) Select Year, Company, Department, Employee ID, and Name as appropriate.
- 2) Select view option as View Minute or View Hour, then click Find button.

If data is found, it will display as following screen.

📕 Yearly Work Da	ta							×
Create Yearly Wo	rk Data	Find Yearly Work Data						
Year 2003	*	Year 2003	•	Compnay		<u> </u>	R	Find
	Create Data	Sort by	•	Employee No.				Export
		 View Minute 	C View Hour	Name			$\mathbf{\overline{O}}$	Close
		ή.		100%				
			Yea	rly Data List	-			
Work Year	Employee No.	Name	Company	Department	Title	Card No	Work Schedule	Wotk Holiday
2003	00055	Luis	Luis Company	R&D Center	Employee	25500070	01	
4								

Exporting Yearly Work Data

Yearly Work Data can be exported in same manner as Work Data. It can be sent as text file or Excel file to be used in other programs.

Attendance Report (Individual/Daily)

Individual/Daily Report is outputted using work attendance data as basis. This report displays Start work, Finish work, Late, Leave, Absence, and abnormal attendance modified data.

Start

Click Time/Attendance->Individual/Daily Report or press Shift + F8 on keyboard.

Find and Print

Input Find Condition to print appropriate data. Input the conditions in the top part of screen, and how the report will be printed can be seen at the bottom part of screen.



Attendance Report(Indivisual / Daily)						
Select Attendance Report Indivisual Attendance Report C Daily Attendance Report	From 2003-01-23 To 2003-01-23	C View Hour	Company Department Employee ID Name Work Type	×	 Image: A state of the state of	Prin Close
👌 Brint,,, 🕒 🛤 🗉 🎛 🔍 🔍 🔟	% ▼ ↑ ↓	🕝 <u>B</u> ack (Forward Export to Exc	el Export to HTML	Export to PD	F
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1) Select type of Attendance Report.

Individual Attendance Report find is From/To date of individual type data. Daily Attendance Report find is From/To date of daily type data.

- 2) Input Find Condition.
- 3) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.

Attenda	ance Report(Indivisual / D	Jaily)								×
Select /	Attendance Report	F	From 2002-01-23 To 2003-01-23	•	Co Depa Emple	impany artment oyee ID		•	2	Print Close
O Daily	y Attendance Report	(View Min	C View Hour	Wo	Name rk Type		•		
🍐 <u>P</u> ri	int 🗅 🏘 💷 🖽] ⊖ ⊙ [100 %]	• 🖹 🔮 1/8	🗌 🕝 Back	: 🕥 F <u>o</u> rwar	d Exp	ort to Excel	Export to HTML	Export to PDF	-
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4							ndividu	al Attend	ance R	epor
	Attenden	ee Indiviou	al Danart							
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	Attendan	ce Indivisu	al Report							
	Attendan	ce Indivisu	al Report	Late Time	Early Leave Ove	er Timel	Extra Time	Work Type		
	Attendan Date Employee ID 0007 Name LUIS	Ce Indivisu Work In 2-01-23- 2003-01-23 55	work Out	Late Time Company Department Title	Early Over Leave Over Luis Compa t R&D Center Employee	er Timel ny	Extra Time	Work Type Work S Work	chedule 01 Holiday	_
22	Attendan Date Entry Date 200 Employee ID 0009 Name Luis 2002-01-23 (Wed)	Ce Indivisu <u>Work In</u> 2-01-23 - 2003-01-23 55 2002-01-23	work Out	Late Time Company Department Title	Early Over Leave Over Luis Compa t R&D Center Employee	er Timel ny	Extra Time	Work Type Work S Work Absence	chedule 01 Holiday	_
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STARWATCH ITDC PRO I™ 📕 Attendance Report(Indivisual / Daily Find Condition • Company • From 2002-01-23 Print Select Attendance Report • Department To 2003-01-23 Indivisual Attendance Report Employee ID \odot Close Name Daily Attendance Report View Min C View Hour • Work Type ▪ 📄 💽 1/20 چ <u>P</u>rint... | 🗅 | 🚧 | 🗉 🞛 | 🗨 🗨 🎵 🕒 Back 🕥 Forwar Export to Excel Export to HTML Export to PDF · · 12 · · · 13 · · · 14 · · · 15 · · · 18 · · · 17 · · · 18 · · · 19 · · · 20 · · · 21 · · · 22 · · · 23 **Daily Attendance Report** Attendance Daily Report Early Leave Department Work in Work Out Late Time Over Time Ext Employee ID Name Date 2002-01-23 (Wed) 00055 Luis R&D Center 2002-01-23---2002-01-23---Λ Û. Date 2002-01-24 (Thu) R&D Center 2002-01-24 --2002-01-24--Luis 0 0 0 00055 Date 2002-01-25 (Fri) R&D Center 2002-01-25-2002-01-25-00055 Luis 0 0 0 Date 2002-01-26 (Sat) 00055 Luis R&D Center 2002-01-26-----2002-01-26-----0 0 0 Date 2002-01-28 (Mon) R&D Center 00055 Luis 2002-01-28-----2002-01-28-----0 0 0 Date 2002-01-29 (Tue) DPD Contor 2002.01.20 2002.01.20 0006 n Ω

4) To obtain print out of this screen, click the Print button located in the top left hand side.

You can operate the buttons next to the Print to zoom, compress, view multiple pages, and other options through these icons.

File Conversion (Export)

All reports can be converted to variety of files. It can be converted to PDF, HTML, and Excel file. These converted files can be sent out via Internet and email to another person.

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4	Employee ID 000	55		Denartmen				Mort		
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✓ Export To Excel: Excel report file is created as appearing in print image.



- ✓ Export To HTML: HTML report file is created as appearing in print image.
- ✓ Export To PDF: PDF report file is created as appearing in print image. You will need Adobe Acrobat Reader to view the PDF file.
- 1) Click the button for the type of file conversion.
- 2) The following screen will appear. Input the file name and designate a folder location.

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3) Click Save button. Depending on file conversion type, it may take some time to complete.

There are instances where it may take some time for the procedure to complete, depending on conversion file type and number of pages.

PDF and Excel file conversion takes some time. You will need to wait until the mouse's cursor hourglass display is finished.

4) Once conversion is completed, you can open the converted file to check file image.



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Date	Work In	Work Out	Late Time	Early	Over Time	Extra Time	Work Type	Open	ed con	erted to Excel
Entry Date Employee ID Name	2002-01-23 - 2003-01-2 00055 Luis	0	Company Department Title	Luis Co R&D Ce Employe	mpany inter ae		Work S Work	новсау		
2002-01-23 499-0	2002-01-23	2002.01.23	0	0	0	0	Absence			
2002-01-24 (Thu)	2002-01-24	2002-01-24	0	0	0	0	Absence			
2002-01-25 (Fri)	2002-01-25	2002-01-25	0	0	0	0	Absence			
2002-01-26 (Sat)	2002-01-26	2002-01-26	0	0	0	0	Absence			
2002-01-28 (Mori)	2002-01-28	2002-01-28	0	0	0	0	Absence			
2002-01-29 (Tue)	2002-01-29	2002-01-29	0	0	0	0	Absence			
2002-01-30 (Med)	2002-01-30	2002-01-30	0	0	0	0	Absence			
2002-01-31 (Thu)	2002-01-31	2002-01-31	0	0	0	0	Absence			
2002-02-01 (Fri)	2002-02-01	2002-02-01	0	0	0	0	Absence			
2002-02-02 (Sat)	2002-02-02	2002-02-02	0	0	0	0	Absence			
2002-02-04 (Mori)	2002-02-04	2002-02-04	0	0	0	0	Absence			
2002-02-05 (Tue)	2002-02-05	2002-02-05	0	0	0	0	Absence			
2002-02-06 (Wed)	2002-02-06	2002-02-06	0	0	0	0	Absence			
2002-02-07 (Thu)	2002-02-07	2002-02-07	0	0	0	0	Absence			
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Name Luis			Tel	e Enployee				
2002-01-23 (Med)	2002-01-23	2002-01-23	0	0	0	0	Absence	
2002-01-24 (Thu)	2002-01-24	2002-01-24	0	0	0	0	Absence	
2002-01-25 (Fri)	2002-01-25	2002-01-25	0	0	0	0	Absence	
2002-01-26 (SM)	2002-01-26	2002-01-26	0	0	0	0	Absence	
2002-01-28 (Mon)	2002-01-28	2002-01-28	0	0	0	0	Absence	
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2002-02-02 (Set)	2002-02-02	2002-02-02	0	0	0	0	Absence	
2002-02-04 (Moh)	2002-02-04	2002-02-04	0		U	0	Absence	
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2002-02-13 (Med)	2002-02-13	2002-02-13	0	0	0	0	Absence	
2002-02-14 (Thu)	2002-02-14	2002-02-14	0	0	0	0	Absence	
2002-02-15 (Fri)	2002-02-15	2002-02-15	0	0	0	0	Absence	
2002-02-16 (SM)	2002-02-16	2002-02-16	0	0	0	0	Absence	
2002-02-18 (Moh)	2002-02-18	2002-02-18	0	0	0	0	Absence	
2002-02-19 (Tue)	2002-02-19	2002-02-19	0	0	0	0	Absence	
2002-02-20 (Med)	2002-02-20	2002-02-20	0	0	0	0	Absence	
2002-02-21 (Thu)	2002-02-21	2002-02-21	0	0	0		Absence	-
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Attenual	nce Indivisu	al Report		_				Opened converted t	o PDF
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Entry Date 20 Employee ID 00 Name Lu	02-01-23 - 2003-01-23 055 is		Compan Departmen Titl	ny Luis Co nt R&D C le Employ	mpany enter ete		Work Sch Work Ho	dule 01 Iiday	
2002-01-23 (Wed)	2002.01.23	2002-01-23	0	0	0	0	Absence		
2002-01-24 (Thu)	2002-01-24	2002-01-24	õ	ő	õ	õ	Absence		
2002-01-25 (Fri)	2002-01-25	2002-01-25	0	0	0	0	Absence		
2002-01-26 (Sat)	2002-01-26	2002-01-26	0	ō	ō	ō	Absence		
2002-01-28 (Mon)	2002-01-28	2002-01-28	0	0	0	0	Absence		
2002-01-29 (Tue)	2002-01-29	2002-01-29	0	0	0	0	Absence		
2002-01-30 (Wed)	2002-01-30	2002-01-30	0	0	0	0	Absence		
2002-01-31 (Thu)	2002-01-31	2002-01-31	0	0	0	0	Absence		
2002-02-01 (Fri)	2002-02-01	2002-02-01	0	0	0	0	Absence		
2002-02-02 (Sat)	2002-02-02	2002-02-02	0	0	0	0	Absence		
2002-02-04 (Mon)	2002-02-04	2002-02-04	0	0	0	0	Absence		
2002-02-05 (Tue)	2002-02-05	2002-02-05	0	0	0	0	Absence		
2002-02-06 (Wed)	2002-02-06	2002-02-06	0	0	0	0	Absence		
2002-02-07 (Thu)	2002-02-07	2002-02-07	0	0	0	0	Absence		
2002-02-08 (Fri)	2002-02-08	2002-02-08	0	0	0	0	Absence		
2002-02-09 (Sat)	2002-02-09	2002-02-09	0	0	0	0	Absence		
2002-02-11 (Mon)	2002-02-11	2002-02-11	0	0	0	0	Absence		
2002-02-12 (Tue)	2002-02-12	2002-02-12	0	0	0	0	Absence		
2002-02-13 (Wed)	2002-02-13	2002-02-13	0	0	0	0	Absence		
2002-02-14 (Thu)	2002-02-14	2002-02-14	0	0	0	0	Absence		
2002-02-15 (FR)	2002-02-15	2002-02-15	0	0	0	0	Absence		
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Attendance Report (Monthly/Yearly)

Monthly/Yearly report can be printed using Monthly Data and Yearly Data as basis. This report is total calculation of Monthly and Yearly work attendance data. Through detailed report, Monthly report can be checked by individual type of 1 month time attendance.

Start

Click Time/Attendance->Report->Monthly/Yearly Report or press Shift + F9 on keyboard.

Find and Print

Input Find Condition to print appropriate data. Input the conditions in the top part of screen, and how the report will be printed can be seen at the bottom part of screen.



\Xi Attendance Report(Monthly / Yearly)					×
Find Condition Select Attendance Report C Monthly Attendance Report Monthly Attendance Report C Yearly Attendance Report	From 2008/01 To 2003/01	or view Hour	Company Department Employee ID Name	▼ &	Print Close
	Image: 1 Image: 1	 <1 <12 <13 	Perward Export to Excel	Export to HTML Export to 8 • 1 • 19 • 1 • 20 • 1 • 21 • 1 • 2	PDF 2-1-23-11

1) Select Attendance Report type.

Monthly Attendance Report uses as basis Monthly Work Data to display monthly attendance by individual type. Monthly Attendance Report (Day by Day) displays one month attendance at once to check data.

Yearly Attendance Report uses Yearly Work Data to display current time attendance, and the data is agreed with Monthly Attendance Report.

- 2) Input Find Condition.
- 3) Click Print button. If data is found, it will display how it will look when printed. The following screen will appear.


tendance Report(Month	nly / Yearly)														<u> </u>
lect Attendance Report Monthly Attendance Re Monthly Attendance Re Yearly Attendance Rep	port port (Day by D ort	ay)	Fr • Vi	rom 2002/01 To 2003/01 Yiew Min	0	View Hour		Co Dep: Empl	ompany artment loyee ID Name				• •	<u>></u>	Print Close
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Attend	lance Yearl	v Report				Ye	arly A	ttend	ance	Report
Attend	lance Yearl	y Report		_		Ye	<mark>arly A</mark>	ttend	ance	Report
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Attend	Vearl	y Report	Work	– Late	otal Times Early	Ye	arly A	ttend	Work	Total Ci Absence
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Employee ID Date 2003 00055	Name	y Report	2434	- Late [649	atal Times Early 457	Over 180	Extra 660	Work 27	Work	Total Ca Absence 21

4) To obtain print out of this screen, click the Print button located in the top left hand side.

You can operate the buttons next to the Print to zoom, compress, view multiple pages, and other options through these icons.

File Conversion (Export)

All reports can be converted to variety of files. It can be converted to PDF, HTML, and Excel file. These converted files can be sent out via Internet and email to another person.

📕 Atter	ndance Report(Mont	hly / Yearly)									×
-Find C Selec © M © M C Y	ondition of Attendance Repor Ionthly Attendance Re Ionthly Attendance Re early Attendance Rep	t eport eport (Day by Day) port	From 2002/01 To 2003/01	C View Hour		Compa Departme Employee Nar	iny ent ID ne			• 🔊 • 🐼	Print Close
	Print 🗈 🚧	■ ■ Q Q 100 1 · 3 · 1 · 4 · 1 · 5 · 1		0 · · · 11 · · · 12	ck 🌖 F <u>r</u>	grward Ex	port to Exc	el Export	t to HTML	Export t	D PDF
1 - - 1 - 2	Atten	dance Mo	nthly Report		_						
+	Employee ID	Name	Department		I	otal Times	_				Total C
3 - -	Date 2003	<u>۷</u> ۵1		WORK	Late	Early	Over	Extra	WORK	WORK	Absence
.4 	00055	Luis	R&D Center	2434	649	457	180	660	27	7	21
•											,

✓ Export To Excel: Excel report file is created as appearing in print image.



- ✓ Export To HTML: HTML report file is created as appearing in print image.
- ✓ Export To PDF: PDF report file is created as appearing in print image. You will need Adobe Acrobat Reader to view the PDF file.
- 1) Click the button for the type of file conversion.
- 2) The following screen will appear. Input the file name and designate a folder location.

Save As					<u>? ×</u>
Save jn:	Resource		•	+ 🗈 💣 🎟	•
History History Desktop My Documents	Log				
My Computer	File <u>n</u> ame: Save as <u>t</u> ype:	Expot Excel Files(*.xls)		•	<u>S</u> ave Cancel

3) Click Save button. Depending on file conversion type, it may take some time to complete.

There are instances where it may take some time for the procedure to complete, depending on conversion file type and number of pages.

PDF and Excel file conversion takes some time. You will need to wait until the mouse's cursor hourglass display is finished.

Work Options

In Work Options, you can configure selection of monthly data end of day, and decide whether the lunch hour will be excluded or included from total work hour.

Monthly Data End of Day

Monthly Data End of Day describes the end of date for month.

For example, if monthly data end of day is selected as 25th end date, it will calculate from last month 26th up to selected month of 25th as end date basis create this month data.

If 0 is selected, the correlating month's last date is automatically calculated.

For example, if you calculate on March, will calculate from 1 March to 31 March using daily data .





Lunch Hour Exclude Configuration

Configure whether lunch hour is included in total work hour.

📕 Time &	Attendance Op	tion			×
×	Save 🐼	Close			
	Select en Except	l of day for create r lunch time in Tota	nonthly data 2	5	

Select Except lunch time in Total Work Time, if lunch hour is excluded from total work time. Otherwise, do not select if including into total work hour.

Click Save button to save time attendance option, then click Close button to finish.

If Monthly Data End of Day is not configured, Monthly End is not activated.



STARWATCH iTDC PRO I 8 TCP/IP Communication

STARWATCH iTDC PRO I TCP/IP Communication

This chapter explains TCP/IP communication explanation, along with detailed configuration instruction and usage with STARWATCH iTDC PRO.

TCP/IP Communication

TCP/IP communication takes place of existing serial communication, by using the already established network to communicate with the iTDC device and program.

TCP/IP communication method supported by iTDC is divided into 2 main types. First, there is an internal module that can be used, and an external converter called Neteye1000S using TCP/IP.

If using internal type, each iTDC panel needs one module and one fixed IP for communication. For instance, if using 10 iTDC panels to communicate, it needs 10 modules and 10 fixed IP.

If using external type, Neteye1000S RS422 communication with TCP/IP communication from program to device can be networked. It can connect 32 iTDC panel devices via RS422 for operation. For instance, if using external type converter, each converter can connect 32 units (Optional 255 units). In this case, one fixed IP is needed for the external TCP/IP converter.

In Usage Case of External TCP/IP converter

If using external converter, it can connect up to a maximum of 32 iTDC panel units. In this case, the communication must be connected via RS422 method. You can use RS232 or RS422 if external converter has only 1 unit of iTDC connected. If this is the case, it is more convenient to use the internal module instead.

Connection method for external converter in RS232/RS422 is a bit different in wire connection and Piano Switch.

Communication via RS232

RS232 connection must be done in the following. Use a 9 pin female connector to the iTDC RS232 communication as shown below.



Connection

iTDC cable	9 pin connector
TXD	#2 pin (RXD)
RXD	#3 pin (TXD)
GROUND	#5 pin (GRD)

Piano Switch Configuration



Switch #	Switch Status
1	On(Down)
2	Off(Up)
3	On(Down)
4	Off(Up)
5	On(Down)
6	Off(Up)

Communication via RS422

RS422 connection must be done in the following. Use a 9 pin female connector to the iTDC RS422 communication as shown below.

Connection

iTDC	9 pin connector
TX+	#2 pin (RX+)
RX+	#3 pin (TX+)
TX-	#7 pin (RX-)
RX-	#8 pin (TX-)



Piano Switch Configuration



Switch #	Switch Status
1	Off(Up)
2	On(Down)
3	Off(Up)
4	On(Down)
5	Off(Up)
6	On(Down)

External Converter Configuration Program

Using an external converter for TCP/IP communication requires a configuration program, along with an IP and some configuration processes.

Program Installation

The CD provided contains LAN converter IP configuration and operation status check. Install the program to configure the LAN converter IP from the PC.

1) Locate the NetEye1000_Setup.exe file in the CD and click on it to begin installation.





2) Click Next button to move on to following step.



3) Check the folder the program will be installed on to, then click Install button to begin.



- 4) Once installation is completed, click OK button to finish.
- IP Configuration

Click Start->Program->NetEye1000 to run program.



Once programming is running, it will display the following screen showing all LAN converters connected to the network.

Image: Second condition File(E) Command(C) Image: Second condition Image: Second condition	000H Series Set-) Tool() Help(H	Up Ver 2,16H(20)) 🐏 🗾	112/05/25)			
Local Set-Up	Local Status					
No GID NID	Mac Address	IP	Gateway	Subnet Mask	Port	App IP
► 1 A 127	00:05:77:10:09:49	211,254,210,80	211,254,210,1	255, 255, 255, 128	5000	-
<u>.</u>						Þ

The figure below shows 2 LAN converters connected.

Each LAN converter needs to configure IP, Gateway, Subnet Mask, and Port. From the above figure, selecting the converter to be configured by double clicking will display the following screen.

🍇 DeviceSetup				×
GID A NI	D 127			
MAC Address	00:05:77:10:09:49			
Mode G	Server C Client			
- [IP Config] -		[Seria	l Config 1.	
IP Address	211, 254, 210, 80	BPS	9600	-
Gateway	211, 254, 210, 1	Parity	None	- -
Subnet Mask	255, 255, 255, 128	Data bi	it 8	
Port	5000	Stop b	it 1	
[If Client Mode	e Selected]	Exp T	ime Endle	
App IP				
App Port		0	к	Cancel

User needs to configure the above categories with a value. Modify the IP Address, Gateway, Subnet Mask, but leave the rest with default values.

Category	Setup Value
Mode	Server
IP Address	IP Address received from network(No Duplication)
Gateway	Gateway received from network
Subnet Mask	Subnet Mask received from network
Port	5000



BPS	9600
Parity	None
Data bit	8
Stop bit	1

Click OK button to finish configuration.

In Usage Case of Internal TCP/IP Module

If using internal module, the TCP/IP module needs to be inserted on to the iTDC main board. It uses 1 network line and 1 fixed IP per iTDC panel.

Internal Module Configuration Program

Using an internal module for TCP/IP communication requires a configuration program, along with an IP and some configuration processes.

Program Installation

The CD provided contains LAN converter IP configuration and operation status check. Install the program to configure the module of IP from the PC.

1) Locate the file in the CD and click on it to begin installation.



2) Click Next button to move on to following step.





3) Check the folder the program will be installed on to, then click Install button to begin.



- 4) Once installation is completed, click Finish button to complete.
- IP Configuration

Click Start->Program->IGM7100tool->IGM_Cfgtool to run program.

Seligion Remote Configuration				X
Board List	Board Netw	ork Configuration	Board Ser	ial Configuration
	IP	0.0.0.0	Speed	9600 💌
	Subnet	0.0.0.0	Parity	None
	Cotoway		Data Bit	8 🔹
	Gateway	0.0.0.0	Stop Bit	1
			Flow	None 💌
	_ Mode Selec	tion		
	Server r	node	_	
		Listen Port 0		
	O Client m	iode		
		Server IP 0 . 0).0.0	Port 0
	Find Board	Setting	Upload	Close



1) Once programming is running, it will display the above screen.

😹 IGM7100 Remote Configuration		
Board List	Board Network Configuration	Board Serial Configuration
🖲 00:08:DC:10:09:C9	IP 0.0.0.0	Speed 9600 💌
	Subnet 0.0.0.0	Parity None 💌
		Data Bit 🛛 💌
		Stop Bit 1
	Finding complete,	Flow None 💌
	Mor 오프 프 프 프 프 프 프 프 프 프 프 프 프 프 프 프 프 프 프	
	C Client mode	
	Server IP 0 . 0	. 0 . 0 Port 0
	Find Board Setting	Upload Close

Click Find Board button to locate current connected boards.

- 2) If the boards are found, it will display the message Finding complete. The Board List on the left hand side displays the found board's Mac address.
- 3) Click OK button.

💑 IGM7100 Remote Configuration				
Board List	_Board Netw	ork Configuration	Board Ser	ial Configuration
00:08:DC:10:09:C9	IP	211.254.210.78	Speed	9600 💌
	Subnet	255.255.255.128	Parity	None 💌
	Gateway	211 254 210 1	Data Bit	8 💌
	Gatemay	211.234.210. 1	Stop Bit	1 💌
			Flow	None 💌
	- Mode Selec	tion		
	 Server r 	node	_	
		Listen Port 5000		
	C Client m	iode		
		Server IP 0 .	0.0.0	Port 0
	Find Board	Setting	Upload	Close

- 4) Select the board to configure.
- 5) Check the selected module's IP, Subnet, Gateway, Speed, Parity, Data Bit, Stop Bit, Flow, and Listen Port then modify if necessary. Also, you must use Server Mode for Mode Selection.



Category	Configuration Value
Mode	Server mode
IP Address	IP Address received from network(No Duplication)
Gateway	Gateway received from network
Subnet Mask	Subnet Mask received from network
Listen Port	5000
BPS	9600
Parity	None
Data bit	8
Stop bit	1



6) If configuration is completed, click Setting button to input the data configuration to the module. When finished, it will display a message Setting complete. Click OK to finish.

Software Configuration

Port Definition

Port Definition describes the PC connection to Serial and TCP/IP communication loop. It supports up to 99 ports, but depending on PC performance, memory, and OS resources, it may not be possible to use 99 ports. We recommend using adequate number of ports for operation.

Start

Click Set up->Port Definition or press shortcut key Ctrl+A.

Add

Add is used to create fresh data. If adding additional ports, click Add button and input data in the following screen.



1) Click Add button, and the following screen appears.

👸 Po	rt Definition	×
\checkmark	Save 🐼 Close	
	Port No 1	
	Comm Type Serial Chain	
	C Active	
	Description	4
Seri	al Chain TCP/IP Chain	
	Com Port	
	Speed 9600	
	Parity Bit NONE	
	Data Bit 8	
	Stop Bit 1	

- 2) Select Comm Type as Serial Chain for Serial, TCP/IP Chain for TCP/IP and Dial-UP Chain for Dial-Up as communication type. You must be select TCP/IP Chain.
- 3) Input activity or description
- 4) Input screen changes if TCP/IP Chain is selected.

8 Po	nt Definition	×
\checkmark	Save 🐼 Close	
Ser	Port No 1 Comm Type TCP/IP Chain Comm Type Active Description ial Chain TCP/IP Chain	×.
	IP Address TCP Port No 5000 Module Type	

Input the IP Address from the external converter or internal converter for configuration.

Input TCP Port No as default value 5000.

Select Module Type as internal or external version.

5) Click Save button to save inputted data, and click Close button to finish.

Panel Definition

Panel Definition describes iTDC board's data configuration.

Each iTDC device has its own communication address. Data is configured in S/W to each address to communicate with iTDC. Each iTDC can be configured with a variety of function options by sending the data for application.

Start

Click Set up->Panel Definition or press shortcut key Ctrl+B.



Add

Add is used to create fresh data. If adding additional panels, click Add button and input data in the following screen.

0.								×
۲	'anel List							X
O	Transm	it 💦 🛛 Fi	ind 🙁	Add 🥖	Modify 💢	Delete 😡 🛛 C	Close	
Fi	1d							
	Por	t No	▼					
	Pane	el No	▼					
		-		•	Panel List	•		
	Port No	Comm Type	Panel No	Panel Type	Door Type	Panel Name	Memory(ID)	Default

1) Click Add button, and the following screen appears.

Panel Definition		×
😏 Transmit 🚩	Save 🐼 Close	
Port No 1	_	
Unregistered Panel No. List Board No 001 002 003 004 005 006 007 008 009 009 010 011 012 012 013 V	Registered Panel No. List Board No Board Name D00	
Panel Type TDC Door Type 2 Doo Panel Name Door ID No. Memory 5000 Transac Buffer 27500 Deafult Panel	у уг т т т т т	

- 2) Select Port No. It displays only the Port No that was registered in Port Registration.
- 3) Unregistered Panel No. List displays items not selected from Port No. Select the Board No to be registered choosing and clicking >> button or double click the Board No to select, and it will show up on the right hand side Registered Panel No List.

Panel registration must be done one at a time to setup.



It will register one panel number with its basic data for configuration. Click Save button to complete the process.

Repeat the procedure to add additional panels.

- 4) Select Panel Type as iTDC.
- 5) Select Door Type as 2 door, 3 door, or 4 door for operation.
- 6) Input Panel Name. This is a must in order to define the location, when an event occurs to a panel.
- 7) Configure card memory. Depending on card memory setup, the event memory is automatically setup. Configure adequate amount of card and event memory.
- 8) Default Panel value is optional. It is not necessary for operation.
- 9) Click Save button to save data.
- 10) Click Close button to finish.



STARWATCH iTDC PRO I Dial-Up Communication

STARWATCH iTDC PRO I Dial-Up Communication

This chapter explains Dial-Up communication explanation, along with detailed configuration instruction and usage with STARWATCH iTDC PRO.

System Requirement

Dial-Up communication requires some devices for operation. It needs 2 modems for host and remote site connection.

Modem must be an external version for use, and the ability to auto answer function (Namely, when the host calls the remote modem, it answers to make connection)

The iTDC system supports the following modem, and as possible uses this modem. Also, to have Dial-Up communication, it requires making of a separate communication cable one for the host site and one for the remote site.

- 3Com U.S Robotics 56K Fax External Modem 2 (Remote Site, Host Site) or NetComm (http://www.netcomm.com.au/) Roadster V92 External Modem 2EA (Remote Site, Host Site).
- Host, Remote Serial communication Cable



Dial-Up Communication Layout



Modem Configuration

Some configurations are required to setup the host and remote modem for operation. Configuration for communication speed and auto answer function is required.

To configure the modem, it needs the manual, driver, and modem cable included in the modem package.

To configure the modem environment, it requires the Hyper Terminal included in Windows.

If Hyper Terminal is not installed, go to Control Panel and open Program Add/Delete file to install the program.

Host Modem Setup

To setup the Host Modem, all you need to do is modify the communication speed using the driver and cable.



Communication Speed Setup

This function is used to calibrate communication speed between iTDC device and modem to be equal. When the modem is first installed, the speed value is setup at maximum speed. However, iTDC speed is 9600BPS, so the modem speed needs to be setup as 9600BPS for configuration.

- 1) Install the modem to Window 2000 or XP, and then install the driver for modem recognition.
- 2) Go to Control Panel and select Phone and Modem file. Click on modem properties and change the speed to 9600bps. (After driver installation, the speed is automatically setup at 115200bps)
- 3) Use Hyper Terminal to send Initialize Command (ATZ) to the modem, and check the message OK appears.
- 4) Once the above process is completed, turn the power off and disconnect cable for setup completion.

Remote Modem Setup

To configure the Remote Modem, it needs the driver and modem cable included in the modem package to setup the communication speed and auto answer.

- Communication Speed Setup
- 1) Install the modem to Window 2000 or XP, and then install the driver for modem recognition.
- 2) Go to Control Panel and select Phone and Modem file. Click on modem properties and change the speed to 9600bps. (After driver installation, the speed is automatically setup at 115200bps)
- 3) Use Hyper Terminal to send Initialize Command (ATZ) to the modem, and check the message OK appears.
- 4) Once the above process is completed, turn the power off and disconnect cable for setup completion.
- Auto Answer Setup
- 1) Use Hyper Terminal to send Initialize Command (ATZ) to the modem, and check the message OK appears.
- 2) When OK message appears, input ATS0=1 and check the message OK appears.
- 3) When OK message appears, input AT&W and check the message OK appears.
- 4) Once the above process is completed, turn the power off and disconnect cable for setup completion.



Serial Interface Pin Definitions

DB-25	DB-9	Circuit	Function	Signal Source Computer/Modem
1	-	AA	Chassis Ground	Both
2	3	BA	Transmitted Data	Computer
3	2	BB	Received Data	Modem
4	7	CA	Request to Send	Computer
5	8	СВ	Clear to Send	Modem
6	6	CC	Data Set Ready	Modem
7	5	AB	Signal Ground	Both
8	1	CF	Carrier Detect	Modem
12	-	SCF	Speed Indicate	Modem
20	4	SD	Data Terminal Ready	Computer
22	9	CE	Ring Indicate	Modem

Cable

Dial-Up communication requires a separate making of a cable. Host and Remote cable making process is different to each other. Refer to the wire layout below for the procedure.

Host Cable





Remote Cable



Software Configuration

Port Definition

Port Definition describes the PC connection to Serial and TCP/IP communication loop. It supports up to 99 ports, but depending on PC performance, memory, and OS resources, it may not be possible to use 99 ports. We recommend using adequate number of ports for operation.

Start

Click Set up->Port Definition or press shortcut key Ctrl+A.

Add

Add is used to create fresh data. If adding additional ports, click Add button and input data in the following screen.



👸 Port List		_					2
🚉 Fir	id 🔄 🗛	dd 🥖	Modify 🔰	Celete	8	Close	
Find							
	Port No		·				
Con	nm Type		·]				
			Port Li:	st			
Port No	Comm Type	Comm Port	Speed	Parity Bit	Data Bit	Stop Bit	IP Add

1) Click Add button, and the following screen appears.

👌 Por	rt Definition	x
×	Save 🐼 Close	
	Port No 1	
	Comm Type Serial Chain	
	C Active	
	Description	
		7
Seri	al Chain TCP/IP Chain	
	Com Port	
	Speed 9600	
	Parity Bit NONE	
	Data Bit 8	
	Stop Bit 1	

- 2) Select Port No and it will indicate Port No not used.
- 3) Select Comm Type as Serial Chain for Serial, TCP/IP Chain for TCP/IP and Dial-UP Chain for Dial-Up as communication type. You must be select Dial-Up Chain.
- 4) Input activity or description
- 5) Select from Serial Chain tab, Comm Port, Speed, Parity Bit, Data Bit, and Stop Bit. The default value is Speed 9600, Parity Bit None, Data Bit 8, and Stop Bit 1 for
- 6) Click Save button to save inputted data, and click Close button to finish.

Panel Definition

Panel Definition describes iTDC board's data configuration.

Each iTDC device has its own communication address. Data is configured in S/W to each address to communicate with iTDC. Each iTDC can be configured with a variety of function options by sending the data for application.

Start

Click Set up->Panel Definition or press shortcut key Ctrl+B.



Add

Add is used to create fresh data. If adding additional panels, click Add button and input data in the following screen.

6	Panel List									
()	Transmi	t 🔍	Find 🧕	Add 🥖	Modify 💢	Delete 🐼	Close		
	Find	Port Pane	No	× •						
						Panel List				
		Port No	Comm Type	e Panel No	Panel Type	Door Type	Panel Name	Memory(ID)	Default	

1) Click Add button, and the following screen appears.

Panel Definition	<u>></u>
🕑 Transmit 🏏	Save 🐼 Close
Port No 1	
Unregistered Panel No. List Board No 001 002 003 004 004 005 006 007 007 008 009 009 010 011 012 012 013 ¥	Registered Panel No. List Board No Board Name 000
Panel Type ITDC Door Type 2 Door Panel Name Door ID No. Memory 5000 Transac Buffer 27500 Deafult Panel	

- 2) Select Port No. It displays only the Port No that was registered in Port Registration.
- 3) Unregistered Panel No. List displays items not selected from Port No. Select the Board No to be registered choosing and clicking >> button or double click the Board No to select, and it will show up on the right hand side Registered Panel No List.



Panel registration must be done one at a time to setup.

It will register one panel number with its basic data for configuration. Click Save button to complete the process.

Repeat the procedure to add additional panels.

- 4) Select Panel Type as iTDC
- 5) Select Door Type as 2 door, 3 door, or 4 door for operation.
- 6) Input Panel Name. This is a must in order to define the location, when an event occurs to a panel.
- 7) Configure card memory. Depending on card memory setup, the event memory is automatically setup. Configure adequate amount of card and event memory.
- 8) Default Panel value is optional. It is not necessary for operation.
- 9) Click Save button to save data.
- 10) Click Close button to finish.

Dial-Up Connection

Dial-Up Connection uses standard phone line to connect to a remote device for communication. External modems are required for each site at remote and host to connect by phone line.

Also, Dial-Up Connection Management can be used to manage multiple location registration, and when needed initiate the location's remote device and communication.

Start

Click Set up->System Management->Dial-Up Connection List or press shortcut key Ctrl+G.

Find

Find is used to get relevant information pertaining to the inquiry when information is available. It is used to edit and delete the existing data information.



ø	Dial-Up Conn	ection List			_				×
C) [Dial 💢	Hang Up	<u> </u>	Find 🛃	Add	Modify	🔀 Delete	Close
	ind Condition Poi Phone	rt No. e No.	_						
					Dial-Up Co	nnection List			
	Port No.	Dial-Up	Chain Name	Out Line	Out Lir	ne No.	Remote Phone No.	Auto Dial	Connection
	1	Di	al - Up				130		13:03:0
•									Б

- 1) Input Find Condition
- 2) Click Find to make an inquiry. If inquired result is available, the following screen appears.

If find has no specific parameters, it will display the entire information

Add

Add is used to create fresh data. Click Add button to add Dial-Up Connection area data through input screen.

Dial X Hang Up K Find Add Modify X Delete C Close Find Condition Port No. Phone No. Dial-Up Connection List Port No. Dial-Up Chain Name Out Line Out Line No. Remote Phone No. Auto Dial Connection 1 Dial-Up 130 I 13:03:01	8	Dial-Up Conn	ection List					×
Find Condition Port No. Phone No. Dial-Up Connection List Port No. Dial-Up Chain Name Out Line No. Remote Phone No. Auto Dial Connection 1 Dial-Up 130 130	O		Dial 💥 🛛 Hang Up 🦕	💐 Fi	ind 🔬 🛛 Ac	ld 📝 Modify	🗙 Delete	😧 Close
Dial-Up Connection List Port No. Dial-Up Chain Name Out Line Out Line No. Remote Phone No. Auto Dial Connection 1 Dial-Up 130 1300 130300 130300 130300 130300 130000 130000 1300000 1300000 1300000 1300000 1300000 1300000 1300000 1300000 1300000 1300000 13000000 1300000000 1300000000000 13000000000000000000000000000000000000	Fi	ind Condition Po Phon	rt No.					
Port No. Dial-Up Chain Name Out Line Out Line No. Remote Phone No. Auto Dial Connection 1 Dial-Up 130 Image: Connection 130 <t< td=""><td></td><td></td><td></td><td></td><td>Dial-Up Connection Lis</td><td>st</td><td></td><td></td></t<>					Dial-Up Connection Lis	st		
1 Dial-Up 1303.01		Port No.	Dial-Up Chain Name	Out Line	Out Line No.	Remote Phone No.	Auto Dial	Connection 1
	▶	1	Dial - Up			130		13:03:00

1) Click Add button, and the following screen appear



Di Di	al-Up Connection Definiti	on		×
Ð	Dial 🔀	Hang Up 🚩	Save 区	Close
	Connection Status			
	Port No.	•		
	Dial-Up Chain Name			
	Out Line	Out Line No.		
	Remote Phone No.			
	Auto Dial-Up Connection			
	Dial-Up Connection Time	00:00:00		
	Dial-Up Disconnection Time	23:59:59		

- 2) Select Port No. You can only select the port that was configured for Dial-Up Connection.
- 3) Input Dial-Up Chain Name.
- 4) Check mark Out Line if setup, and input Out Line No.
- 5) Input Remote Phone No. connected to remote modem.
- 6) Check mark Auto Dial-Up Connection if setup, and configure connection and disconnection time.

When configuring Auto Dial-Up Connection, make certain that connection and disconnection time does not overlap in multiple location setup. This will cause abnormal operation.

7) Click Save button to save input data. Click Close button to finish.

In Dial-Up Connection, connection failure can be frequent depending on phone line and modem status. This is a special characteristic occurrence, and if 2-3 reattempts are made normal connection is established.

Dial

Dial can be used in Dial-Up Connection List, Add, and Modify screen, but we recommend use as possible in the Dial-Up Connection List screen.

	phection List						2
\bigcirc	Dial 🔀 🛛 Hang l	Jp 🔍	Find 🔄	Add	🥖 Modify	🔀 Delete	🔇 Clos
Find Condit	on Port No.						
			Dial-Up Connection	List			
Port No	. Dial-Up Chain Name	Out Line	Out Line No.		Remote Phone No.	Auto Dial	Connection
	Dial - Up				130		13:03:0
4							,



- 1) Use Find to locate connection or select from Dial categories to connect. Selected location is highlighted.
- 2) Click Dial for connection attempt.
- Hang Up

🔓 Dial-Up Conn	ection List						×
()	Dial 💢 🛛 Hang Up	R F	ind 🧟	Add 🅖	Modify 💢	Delete	😧 Close
Find Condition Po Phon	rt No.						
			Dial-Up Connection	List			
Port No.	Dial-Up Chain Name	Out Line	Out Line No.	Remote Ph	none No.	Auto Dial	Connection 1
1	Dial - Up			13)		13:03:00

- 1) Select current established connect location.
- 2) Click Hang Up to disconnect.



10 STARWATCH iTDC PRO I Maintenance

STARWATCH iTDC PRO I Maintenance and Management

This chapter explains instructions for optimized program use through proper management and maintenance.

STARWATCH iTDC PRO I Database Maintenance and Management

In using the STARWATCH iTDC PRO, it requires some management, especially ongoing database management. As the database becomes larger, it needs thorough managing by the user. Even if the data is few, database management is a requirement.

The program running speed may become slower, as the database becomes larger, and abnormal closing of program may damage the database. The user should maintain ongoing database compression, backup, or copy the files to optimize program use.

Database Management

Database Management describes the compression, backup, and restore function of data in using the STARWATCH iTDC PRO.

Start

Select Database->Database Management.

Data Backup

The advantage of this function is blocking the damage to the database, and improving the program

performance through Data Backup. After backup is completed, compress the database to improve

the database speed.



💐, D	Database Management	×
	Compression 🐼 Close	
Dat	ta Backup Data Restore Backup Option Database Management History	
Ð	Backup Option	
	C Event Data C Alarm Data C Visitor Event Data	
B	3ackup Period Condition (Date)	
	1 /30/2003 * From 1 /30/2003 * To	
	🗖 Delete original data after event data backup	
L	Compress database after event data backup	
File	e Path	
	0%	
	\$	Backup

1) Select the Event Data, Alarm Data, or Visitor Event Data for Backup Option.

Safekeeping event data is a must, because it is used later on in reports and as original data for time attendance function. Keeping the original data lets the user restore data in the event of data abnormality in time attendance and access control results.

You can use Microsoft Access 2000 or XP to manage the access user and device data in addition to the above.

- 2) Select the From/To of Backup Period Condition to define backup files.
- After database backup, check delete if deleting original data, and check compress if compressing original data.
- 4) Click Backup button.

Select folder for	backup data and enter backup file name.	<u>? ×</u>
Save in:	🔁 Language Converter 💌 🔶 🖆 🖽 🗸	
My Recent Documents Desktop My Documents My Documents	图)TDC-ACS.mdb 图)TDC-LANGUAGE.mdb 图)TDC-TAS.mdb	
My Network	File name:	Save
Places	Save as type: Database Files(".mdb)	Cancel

- 5) Input file name and folder location to save in.
- 6) Click Save button.
- Data Restore



It is used to restore the backup data. If original data was deleted during backup, specific period data is not found. In this case, use restore function to restore the backup data into the existing database file.

If restoring the same file twice occurs, it makes a duplication data. Do not restore a file that was already restored.

1)atabase Mana	igement					×			
	Compression	\odot	Close							
Data Backup Data Restore Backup Option Database Management History										
- FI	Restore Option									
	Event Data		C Alarm Data		O Visitor Event Data					
1										
	File Open	1								
ſ	Restore Period	(Date)		_						
		From		То						
	e Path									
				0%						
				0/8						
						4	Restore			

- 1) Select the data to be restored.
- 2) Click File Open button.

Select folder for	backup data and e	enter backup file name.				? ×
Look in:	Canguage Conv	verter	•	← 🗈	-11 *	
My Recent Documents Desktop My Documents My Computer	ව)ITDC-ACS.mdb ව)ITDC-LANGLAGE ව)ITDC-TAS.mdb	.mdb				
My Network	File name:				•	Open
Flaces	Files of type:	Database Files(*.mdb)			•	Cancel

3) Locate the backup file folder and click Open button.



🗟, Database Ma	nagement					X
Compressio	in 区	Close				
Data Backup D	ata Restore	Backup Option	Database M	anagement History		
Restore Opti	on ———					
Event Data	a	C Alarm Data	a	C Visitor Event Data		
File Open						
Restore Peri	od (Date) –					
20030111	From	20030124	То			
File Path						
E:\Backup.mdb						
			0%			
					4	Restore

4) Click Restore button.

🖷, Database Management				×
La Compression 🔕	Close			
Data Backup Data Restore	Backup Option	Database Management History	1	
Restore Option				
Event Data	🔿 Alarm Dat	a 🔿 Visitor Ev	ent Data	
File Open				
Destars Desired (Deta)				
Restore Period (Date) -		_		
20030111 From	20030124	То		
File Deth				
E:\Backup.mdb				_
		100%		
			🔷 R	estore

- 5) Restore status is shown on the progress bar.
- Backup Option

Backup Option configures backup alert presence. Each event type backup alert cycle can be configured in week units. This alert cycle is based on last backup date. When the user configured week is past, backup message is displayed.



🗟, Database Management			x
Compression 🐼	Close		
Data Backup Data Restore	Backup Option Databas	e Management History	
Backup Alarm Use/Unuse			
Event Data	Backup Alarm C	ycle 10 🗸	
Alarm Data	Backup Alarm C	ycle 52 💌	
Visitor Event Data	Backup Alarm C	ycle 52 💌	
			Mapply Apply

- 1) To use Backup Alarm, check mark Backup Alarm Use/Unuse.
- 2) Configure Event Data for Backup Alarm in week units.
- 3) Configure Alarm Data for Backup Alarm in week units.
- 4) Configure Visitor Event Data for Backup Alarm in week units.
- 5) Click Apply button to save.

When the configured reminder to backup occurs, it will display the following screen message.

🗖 Database Management 🛛 🗴	1
Reminder of event data back up	
OK(K)	

Database Management History

This function manages history of backup and restore activities. Through this management, you will know when, who, and what did something to the database.

	- n	atabace Man	agement					¥
Г		Compression		Close				~
-		Compression	W	0000				
ſ	Dat	a Backup 🛘 Dat	a Restore 🛘 Ba	ackup Option 🚺	Database Management Histo	ry		
				Databa	se Management History			
		Date	Time	Branch	Туре	Start Date	End Date	
	►	1/30/2003	10:31:55	Backup	Event	1/30/2002	1/30/2002	adm
		1/30/2003	10:32:48	Restore	Event			adm
	•							



While using the existing STARWATCH iTDC PRO, if reinstallation is needed, it is recommended to have a copy of the existing complete database.

Backup and Restore function is limited to the event data. Therefore, it is recommended to have copy of complete database in a separate folder, if program is installed another PC or deleting the existing system and reinstallation is performed.

Using Access Program to Manage Database

The iTDC uses Access database contained in Microsoft Office 2000 and XP. If Access program is installed in a PC with STARWATCH iTDC PRO I installed and operating, it can manage the database files directly by opening it.

Database Compress and Restore

This function initiates Compress and Restore of database where it may be damaged, and database with frequent add and delete history. In Restore, database file that may have been damaged due to abnormal closing of program in general can use this function, but if the damage is severe, restore may not be possible.

This function is recommended in weekly basis, if frequent add and delete is done to the database. It does not matter how many times this function is performed, so set the cycle at intervals of 1 week, 1 month, and 3 month to initiate.

- 1) Compress and Restore database file is opened using Access program.
- 2) Click Tools->Database Utilities->Compact and Repair Database to initiate compress and restore function as shown below.



When using the function of Compact and Restore, you need to make certain the STARWATCH iTDC PRO I is not running.

If compacting database files in a server, or shared folder containing multiple user files, you need to make certain if anyone is opening the file that was selected for compact. To compact Access database, sole authority is needed to open/initiate correspond database.



Chapter

1 Multi Language Setup

STARWATCH iTDC PRO I Multi Language Setup

This chapter explains STARWATCH iTDC PRO I Multi Language Setup instruction.

Using Multi Language Setup Program

The iTDC Multi Language Setup Program is used to configure STARWATCH iTDC PRO I multi language support. It is here the user configures the language preference, form, menu, drop down list, and message functions to input and modify data.

Screen Layout

Initiating the iTDC Multi Language Setup Program will display the following screen.

Main window consist of left hand side menu and right hand side function types.

Menu Function setting menu of multilingual setting program of iTDC	C-MULTI LANGUAGE DEFINE PROGRAM Ver1.0						
Set	Set Form jet Message t DropDown List Exit		Program Area The screen of function selected in menu is shown in program practice area. The functions users want is executed through this area				

Menu Layout

Multi Language Setup Program menu, and its function types are the following.



✓ Set Language

Configure language preference by character style.

Set Menu

Configure language preference for the top part menu display.

✓ Set Form

Configure language preference for character in input/output on screen display.

✓ Set Message

Configure language preference for character in message display.

✓ Set DropDown List

Configure language preference for character in all Drop Down Combo display.

✓ Set Etc

Configure language preference for the remaining categories.

✓ Exit

Save configuration.

Set Language

Language configuration is setup of font for each language type.

Start

Select Set Language from left hand side menu.

- Setup
- 1) Select language used in language category.



2) Select Screen Font





3) Click Save button to save data.

& Access	Control.	Time 8	. Attenda	nce System (STAF	iTDC1- B	C1(Release	Candidate 1)		
지스템(<u>S</u>)	데이터	베이스(<u>D</u>) 출입	통제 관리(<u>A</u>)	상태	보기(⊻) !	보고서(<u>B</u>)	근태관리(<u>T</u>)	창배열(<u>₩</u>)	Language(<u>L</u>)	
👃 이벤트현황											
ALARM STATUS 🔀 전체확인 🏏 선택확인 🌌 확인입력											
일자	- N-	깐	지역		×.	출입문		리더	이름	회사	
		<u> 8</u> 포트	■관리								×
		0	조:	হা 🧕	추 7	F 🗾	수정 🔰	🕻 삭	মা 🐼	닫기	
- 김색조건											
			Ę	통신방식			- -				
	등록된 포트목록										
		Ξ	E트번호	통신방식		통신포트	통신속도	패리티비트	데이터비트	트 정지비트	IP주:
			1	Serial Cha	in	COM1	9600	N	8	1	
			2	TCP/IP Ch	ain						211,254,



Set Menu

Setup language preference for top part of menu.


Start

Select Set Menu from left hand side menu.

Setup

Multi Language input screen display the following, and the Korean and English language can be seen. Input the user's language with English as the standard base.

For example, if using User Define 1 language, input the language preference by looking at the English Row.

Ŵ	🖞 Set Menu 🔀							
					Close			
		Main Men	u Language(Caption)				
	Korean English			User Define 1	User Define 2 🔺			
	시스템(&S)	System(&S)						
	포트 설정	Port Definition						
	패널 설정	Panel Definition						
	도머/리더 설정	Door/Reader Definition						
	입,출력 설정	Input/Output Definition						
	입력,출력 설정	Input/Output Point Defini	tion					
	입,출력 타임설정 접점 설정	Input/Output Timesched	ule,Type					
	-	-						
	시스템 관리	System	Input	the user's language				
	기기 시간 설정	Set Time	with	English as the stand	ard			
	기기 초기화	Set Initialize	with	_nglish as the stand				
	-	-	base					
	다이얼업 연결 관리	Dial-Up Chain Defintion						
	-	-						
	로그온	Logon						
	로그오프	Logoff						
	-	-						
	종료	Quit						
	데이터베이스(&D)	Databse(&D)						
	회사 설정	Company Definition						
	-	-						
	부서 설정	Department Definition						
	직급 설정	Title Definition						
	출입유형 설정	AccessType Definition						
	-	-						
	지역/층 설정	Area/Floor Definition						
	-	-						
4		Des Profestion			Þ			

The above input will display the following screen. If all inputs are completed, click Close button to finish. Inputs are saved automatically without a separate save function. All user needs to do is input data.



STARWATCH ITDC PRO I™

A	🗴 Set Menu 💌						
				Close			
		Main Menu Languag	e(Caption)	1			
	Korean	English	User Define 1	User Define 2 *			
	시스템(&S)	System(&S)	システム				
	포트 설정	Port Definition	ポ-タ-				
	패널 설정	Panel Definition	パネル.				
	도어/리더 설정	Door/Reader Definition	もん				
	입,출력 설정	Input/Output Definition	いぐち, /でぐち,				
	입력,출력 설정	Input/Output Point Definition	いぐち, /でぐち,				
	입,출력 타임설정,접점 설정	Input/Output Timeschedule,Type	タイム.				
	-	-					
	시스템 관리	System	システム				
	기기 시간 설정	Set Time	しかん せってい.				
	기기 초기화	Set Initialize	きき しょうき.				
	-	-					
	다이얼업 연결 관리	Dial-Up Chain Defintion	ダイヤルれんけつ				
	-	-					
	로그온	Logon	ズム				
	로그오프	Logoff	オフ				
	-	-					
	종료	Quit	しゅうりょう				
	데이터베이스(&D)	Databse(&D)	7 '				
	회사 설정	Company Definition	かいしゃ				
	-	-					
	부서 설정	Department Definition	ぶしょ				
	직급 설정	Title Definition	しょっきゅう				
	출입유형 설정	AccessType Definition	しゅつにゅう ゆうけい				
	-	-					
	지역/층 설정	Area/Floor Definition	ゾーン/そう				
	-	-					
•		New Production	14 - 40				

As shown above, input the menu caption then select User Language 1 in iTDC program, and it will display the following screen below.

👌 Access	Control, Time & Attendanc	ce System [S
システム	デ しゅつにゅうとうせい	S
8	かいしゃ	Ctrl+L
	ぶしょ	Ctrl+M
ALAI	しょっきゅう	Ctrl+N
	しゅつにゅう ゆうけい	Ctrl+0
	ゾーン/そう	Ctrl+P
	ちず	Ctrl+R
	ユ-ザ`-	Ctrl+S
	$\bar{\tau}^{s}$	Ctrl+T
	その他た	Ctrl+U

Set Form

Setup of characters displayed in all input/output screen display.

Start

Select Set Form from left hand side menu.

Setup

Multi Language input screen display the following, and the Korean and English language can be seen. Input the user's language with English as the standard base.

For example, if using User Define 1 language, input the language preference by looking at the English Row.



A	Set Form							×
							Close	
			Form	inguage(Caption)	1			
	Korean	English		User Define 1		User Define 2	Us	eı_^
	회사관리	Company List		约??我?				
	조회	Search		bj??				-
	추가	Add		??				-
	수정	Modify		3勺???β可				-
	삭제	Delete		时??弗耶可				
	닫기	Close		风 ?有				7
►	검색조건	Search		市町ポ		-		
	회사코드	Company Code	1	at the second se				1
	회사명칭	Company Name	Inpu	ut the user's				-
	등록된 회사목록	Company List	land	nuage with English	า			
	회사코드	Company Code		he standard here	· .			-
	회사명칭	Company Name	ast	ne standard base	•			
	회사등록	Company Definition		1.011				
	저장	Save		157??				1
	닫기	Close		时??				
	회사코드	Company Code		1 1 7??				
	회사명칭	Company Name		时??				
	부서관리	Department List		1 1 7??				
	조회	Search		id).5				
	추가	Add		ij)??				
	수정	Modify		??				
	삭제	Delete		??				
	닫기	Close		??				
	검색조건	Search		??				
	회사	Company		??				
	부서코드	Department Code		??				
	부서명칭	Department Name		??				
•		P		20			<u> </u>	١Č

As shown above, input the form caption then select User Language 1 in iTDC program and it will display the following screen below.

8 6	句??我?						×
	ፅካ?? 😓	??	🥖 ፅካ???ጾቫ	关 的?	?弗郎可 🐼	就?有	
一仇	阿尤———						
	哈?		-				
	的??						
		() 7.007					
		的??弗郎可			的]??弗阝阿	
	的??那阿	的??弗	ββøj		的??那阿	的??那	

Set Message

Setup of language message display in STARWATCH iTDC PRO.

Start

Select Set Message from left hand side menu.

Setup

Multi Language input screen display the following, and the Korean and English language can be seen. Input the user's language with English as the standard base.



For example, if using User Define 1 language, input the language preference by looking at the English Row.

A	Set Message		×
			Close
	Window M	essage Language(Caption)	
	English	User Define 1	<u>·</u>
►	Register Access Group Code	1	
	Register Access Group Name		
	The Access Group Code already exists. Select different		
	Unregistered Panel		
	Delete the data you select		
	Program can not find the data you are se		
	File path and name are not selected or i Input th	e user's language with English a	as
	Text file is created the stor	dard base	
	Excel File is Created		
	Register Company name, Access Code and Access		
	The Code already exists. Select different Code		
	Select data will be deleted		
	Register area code and name		
	Select port No. and Panel address		
	Select Panel Type		
	Select Door Type		
	Register Door name		
	Program can not find the data you are searching for		
	Select data will be Modified		
	Select data will be transmitted		
	All access door (reader) in selected panel shall be delete		
	Register Employee's ID Number		
	Register Card NO.		
	Select Company		
	The first 3 digit of 8 digit card number must not exceed 25		
	I ne last 5 digit of 8 digit card number must not exceed		
	Register Name		
•		-	

Message box display of Language: 1.Korean setup.

🗖 출입그룹등록	x
출입그룹 코드를 입력하세요.	
OK(K)	

Message box display of Language: User Language1 setup.

🖬 的??我?	×
しゅつにゅう グループを インプットして.	
0K(<u>K)</u>	

Set DropDownList

Configure language preference for input/output in all Drop Down Combo display.

Start

Select Set DropDownList from left hand side menu.

Setup

Multi Language input screen display the following, and the Korean and English language can be seen. Input the user's language with English as the standard base.

For example, if using User Define 1 language, input the language preference by looking at the English Row.



Å	Set DropDownList						×
							Close
		D	ropDownl	st Language(Caption)			
	Korean	English		User Define 1		User Define 2	Usei
►	회사 코드	Company Code		ʻgjhhg			
	회사	Company		rtygyg			
	회사 코드	Company Code		uyuhuih			
	회사	Company		huhu			
	회사 코드	Company Code		會社 番戶			
	회사	Company		ihui			
	회사 코드	Company Code					
	회사	Company	Inpu	It the user's			
	회사 코드	Company Code			_		
	회사	Company	lang	juage with Englisi	า		
	회사 코드	Company Code	as t	he standard base			
	회사	Company			•		
	포트번호	Port ID		的??开那可			
	코드	Code		的??开那啊			
	통신타입	Comm Type		的??开那可			
	포트번호	Port ID		的??开那可			
	코드	Code		的??开那可			
	통신타입	Comm Type		的??弗耶可			
	통신포트	Com Port		6勺??弗邓可			
	속도	Speed		的??开那可			
	패리티비트	Parity Bit		6勺??弗邓可			
	데이터 비트	Data Bit		的??开那可			
	정지 비트	Stop Bit		的??开那可			
	컨버터 타입	Module Type		6勺??弗邓可			
	외장형	External		外場型			
	내장형	Internal		內臓型			
	포트번지	Port No		的??开那可			
•1	TU 1 4 FM TI	Design of King		65003003))

DropDownList display of Language: 1.Korean setup.

코드	통신타입
1	Serial Chain
2	TCP/IP Chain
3	Dial-Up Chain

DropDownList display of Language: User Language1 setup.

的??那阿	的??那阿
1	Serial Chain
2	TCP/IP Chain
3	Dial-Up Chain

Set Etc

Setup of language for default value input items.

Start

Select Set Etc from left hand side menu.

Setup

Initiating the Multi Language input screen will display the following. Input language preference in CAPTION column using REF CAPTION as base. A separate column for Etc is not available. These values cannot be setup due to fixed value setup in database.

However, using REF CAPTION as base to modify the CAPTION column value, the fixed value of data language can be modified.



REF CAPTION cannot be modified. This value is for reference to language modification. The actual character displayed in program is the CAPTION column value.

,	Set Etc					×
						Close
			Main Menu Langu	age(Ca	ption)	
	Caption		REF CAPTION	_		-
►	Access Granted1		Access Granted			
	Access Denied		Access Denied			
	nvalid Timeschedule		nvalid Timeschedule			
	Antipassback(In)		Antipassback(In)			
	Antipassback(Out)		Antipassback(Out)			-
			Main Menu Langu	age(Ca	ption)	
	Caption		REF CAPTION	T		-
►	Access Granted					
	Access Denied	Inpu	it the user's			
	nvalid Timeschedule					
	Antipassback(In)					
	Antipassback(Out)	CAF	TION as the		-	
		etan	dard base		on)	
	Caption	3101			,	
►	Overtime Door Opened		Overtime Door Opened		_	Ξ
-	Overtime Door Closed		Overtime Door Closed			
	Forced Door Opened		Forced Door Opened			
	Forced Door Closed		Forced Door Closed			
	Exit Button		Exit Button			-
			Main Menu Langu	a je(Ca	ption)	
	Caption		REF CAPTION	T	· · ·	
►	Normal		Normal			
	ate		_ate			
	Absence		Absence			
	Holiday Work		Holiday Work			
			J			

The modified details in iTDC Multi Language Setup Program is applied immediately without having to reboot the STARWATCH iTDC PRO.

However, the current running screen needs to be closed and reopened to display the modified language.



ChapterSTARWATCH ITDC PRO I12Additional Function

Functions added to STARWATCH iTDC PRO I

: Applied only to STARWATCH ITDC PRO I v1.08 or over.

Add Functions

Monitoring

- Total monitoring on one screen
 - All in one screen display of event status, alarm status, user data of current event with photo, map showing location of event with icons, video image of the event, events sorted by door at the same time.
 - Real time door status display and control with door icon on the map, video record data listing and its play.
- Real time video monitoring and recording on access and alarm events
 - Real time video monitoring on the door with video devices.
 - Recorded video recording and play by event type.
- Video monitoring on the map screen and map setting screen.
 - Camera icon setting playing its live view in order to find easily its location..
 - Event location display on the map screen with live video.
- SMS Service
 - Event data message service to mobile phone numbers
 - Message service option by event types.

System management

Output definition

- All the devices connected to the outputs of controllers can be defined by user. ex: Emergency door , Alarm, siren etc.
- Output status display and control
 - Real time monitoring of output status and control

• Batch transmission of system setting data by specific controller

- Useful to download controller system setting values at once in case of initial system setting or after initialization of controllers

Batch transmission of card holder data by specific controllers



- Useful to download card holder data at once in case of initial system setting or after initialization of controllers.
- Bio readers of FGR006SR , FINGER006SR, FACE006 management
 - FGR006SR , FINGER006SR, FACE006 system setting
 - FGR006SR, FINGER006SR, FACE006 fingerprint template upload/download

Time & Attendance management

- Work schedule setting by day
 - Work in, Work out, Lunch, extra work time setting by day
 - Holiday setting by day

Card holder management

- Bio template upload/download
 - Upload/download of bio templates of card holders registered in bio reader

Extra port for card reader only for registration

- Automatic card registration by card reading
- Direct connection to PC
- Extra fields for user to define
 - Extra 10 user data field in the card holder management section besides basic card holder data field.
 - Data connection to ID Badging system
- ID Badging integration
 - Pre-view of user card printing image
 - Interconnection of data base with ID Badging in pre-view screen

A. Detailed description of functions added.

Monitoring

- Integrated monitoring on one screen
- Live video monitoring and recording by event
- Live video display on map setting screen and map screen
- SMS Service

Integrated Monitoring Windows

Display on one screen event status, map display, video image.

Start

Choose View->Event status-> integrated monitoring

Integrated monitoring window



STARWATCH ITDC PRO I[™] P 19 Floor Door Reader Company Department Status Card No 01.104 **Display alarm event** 0 01F 03F 03F 01F 01F 01.107 01.104 list 0 30 0 30 01 000 Camera 03 Camer 03 Camer 1:01:31 1:01:28 11:01:19 **Display alarm and access** event list of specific door **Display current access** and recorded video data person data listing of specific camera **Display current event location** on the map with various icons 녹화 목록을 나타냅니다. and its video image 01.000.1 oor 2 **Display access event** list 🕑 오후 4.0

Recorded video play

It records video image by type of events according to user definition in condition that IDTECK web sever and CCD cameras are connected to the software.

In case of an event occurrence, it records its video image and show the recorded video icon on the event list.

In order to replay the recorded video, click the icon()) on the event list.





- Recorded video play window provides various options of video control
- Still vide cut image can be exported as an image file (JPG, bmp etc.)
- Recorded video can be exported as an video file(avi, etc)

Live video monitoring

It display live video image by type of events as user define in case that IDTECK web sever and cameras are connected.

In case that an event occurs, it display live video of the site where the event occurs and the live video icon() shows on event list. In order to view the live video of the site of the event, click the live video icon.





- Users can adjust the size of live video window with screen size icon.
- Users can control PAN/TILT/ZOOM (PTZ) in case of connection with cameras with PTZ function on the live video play screen.
- Monitoring tap

On the right side of map monitoring window, the monitoring tap provides various text information.

Map list of places applied access control, access and alarm event list of specific door, recorded video image list of specific cameras.

- Map list

Users can choose a map to display on the map screen from their list.



M	ap 🌔	Event	Ť.	Alarm) Camera
Map Name	Area Name	Floor			
00001	Area 1	01F			

- Event list

It displays the access events of the door chosen on the map screen by users.

	Мар	Ĭ	Even	ţ	Į ,	Alarm	Camera	
Date	Time	Area	Floor	Door	Reader	Name	Status	C: -
2005-04-19	17:57:48	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-19	17:57:48	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-19	17:57:47	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-19	17:57:47	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-19	17:57:46	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-19	17:49:34	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-18	15:07:30	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-18	15:07:25	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-18	15:07:21	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-18	15:05:58	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-18	15:05:53	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-18	15:05:50	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-13	16:24:35	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-13	11:20:30	Area 1	01F	01.000.1	01.000.1	김성수	Access Granted	25
2005-04-13	11:20:11	Area 1	01F	01.000.1	01.000.1		Access Granted	25
2005-01-15	20:55:56	Area 1	01F	01.000.1		Rod	Access Granted	03
2005-01-15	20:55:50	Area 1	01F	01.000.1			Access Granted	03
2005-01-15	18:55:17	Area 1	01F	01.000.1			Access Granted	03
2005-01-15	13:55:10	Area 1	01F	01.000.1			Access Granted	03
2005-01-15	13:55:07	Area 1	01F	01.000.1			Access Granted	03
2005-01-15	12:54:43	Area 1	01F	01.000.1		박철진	Access Granted	03
2005-01-15	08:54:22	Area 1	01F	01.000.1		박철진	Access Granted	03
2005-01-15	00:53:58	Area 1	01 F	01 000 1		박철지	Access Granted	<u>•</u> 20

-Alarm list

It displays the alarm events of the door chosen on the map screen by users.

	Мар	Ĭ	Event	t) i	Marm	Camera	
Date	Time	Area	Floor	Door	Reader	Name	Status	C: *
2005-04-19	09:19:52	Area 1 01F 01.000.1		01.000.1		Forced Door Closed		
2005-04-14	19:59:30	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-14	19:53:57	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-14	19:52:30	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-14	19:24:48	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-14	19:24:47	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-13	19:03:29	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-13	17:24:53	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-12	15:41:03	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-12	14:52:13	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-12	14:45:06	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-12	14:31:04	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-12	14:26:37	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-12	14:24:22	Area 1	01F	01.000.1	01.000.1	김성수	Access Denied	25
2005-04-12	11:29:31	Area 1	01F	01.000.1	01.000.1		Access Denied	25
2005-04-12	11:27:10	Area 1	01F	01.000.1	01.000.1		Access Denied	25
2005-04-12	11:20:45	Area 1	01F	01.000.1	01.000.1		Access Denied	25
2005-04-12	11:16:32	Area 1	01F	01.000.1	01.000.1		Access Denied	25
2005-04-12	11:16:22	Area 1	01F	01.000.1	01.000.1		Access Denied	25
2005-04-12	11:16:17	Area 1	01F	01.000.1	01.000.1		Access Denied	25
2005-04-12	11:15:29	Area 1	01F	01.000.1	01.000.1		Access Denied	25
2005-04-12	10:39:08	Area 1	01F	01.000.1	01.000.1		Access Denied	25
2005-04-12	10:36:25	Area 1	01F	01 000 1	01 000 1		Access Denied	74

Recorded video image list

It displays the recorded video images of the camera chosen on the map screen by users.



Мар		Event	I	Alarm	Camera	
Time	Camera	Status	Name	Description	Record	Reco
2005-04-19 18:40:52	02 Camera	ValidID	김성수	25500070	Record	c:\Ter
2005-04-19 18:40:51	02 Camera	ValidID	김성수	25500070	Record	c:\Ter
2005-04-19 18:40:49	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:48	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:45	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:43	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:40	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:39	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:37	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:35	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:34	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:24	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:23	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:21	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:20	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:40:18	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:00:27	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:00:26	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:00:24	02 Camera	ValidID	김성수	25500070	Record	c:\Te
2005-04-19 18:00:23	02 Camera	ValidID	김성수	25500070	Record	c:\Te

Real time door status monitoring

It shows the door open/close status in real time by door icon on the map.

Door control

Users can open or close doors on the map screen. On the door icon, click right mouth button to control it.

• Live video monitoring and recording on event status monitoring window.

Users can operate live video play or recorded video play on the event status monitoring window.

Start

Click view-> Event status ->Event monitoring screen



Event monitoring window

	ibase(D)	Access Controli	(A) View	(⊻) Report(B)	Time/Attendanc	e() Litt Cor	itrol(L) Window(W) Lan	nguage(L) Help			
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ALARM	STATUS		ck All	Ack	Partial Alarm	Ack	Alarm Details	(a) Unacknowledged A	Varm Data		
9	Time	Area	Floor	Door	Reader	Name	Company Dep	artment Status	Card No.		
005-04-20	11:28:56	Area 1	01F	Door 4	Reader 4	louis	010101613	Access Denied	25500072	2	
005-04-20	11:28:55	Area 1	01F	Door 4	Reader 4	louis	010101613	Access Denied	25500072	2	
005-04-20	11:28:53	Area 1	01F	Door 3	Reader 3	louis	010101613	Access Denied	25500072		
05-04-20	11:28:51	Area 1	01F	Door 4	Reader 4	louis	OFOICIERE	Access Denied	25500072		
105-04-20	11:28:49	Area I	OIF	Door 4	Header 4	louis	010101010	Access Denied	25500072	0	
05-04-20	10:20:20	Area 1	OIF	Door 4	Reader 4	louis	0000002	Access Denied	25500072		
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105-04-19	15:46:31	Area 1	OIF	01,000,2	01,000.2			Access Denied	00100001	29	
005-04-19	15:46:30	Area 1	01F	01,000,2	01,000,2			Access Denied	00100001	20	
05-04-19	15:45:52	Area 1	01F	01,000,2	01,000,2			Access Denied	00100001	29	
005-04-19	15:44:38	Area 1	01F	01,000,2	01,000,2			Access Denied	25500071	2	
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Dis	Time	Area 1 Area 1 Access	Floor 01F	Door 4	Reader Reader 4 Reader 3 Reader 4	Name 김성수 김성수 김성수	Company Dep 01010143 01010183 01010183	artment Status Access Granted Access Granted Access Granted	Card No. 25500070 25500070 25500070	69	
Dis	status Time 11:51:02	Area Area 1 Access	Floor DIF	Door Door 4 ent	Reader Reader 4 Reader 3 Reader 4 Reader 4	Name 김성수 김성수 김성수 김성수	Company Dep 0101118 3 010118 3 010118 3 010118 3	Access Granted Access Granted Access Granted Access Granted Access Granted	Card No. 25500070 25500070 25500070 25500070	000	
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Recorded video play

It records video image by types of access or alarm event as defined by users in condition that video devices are connected to the site..

When an event occurs, it records its video image and shows recorded video play icon on the list. To play the recorded video, click the icon().



STARWATCH ITDC PRO I™

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ALARM S	STATUS	9	Ack All		ck Partial Alarm 💿 Ack	Alarm Details	Our Unacknowledged #	Varm Data		
Date	Time	Area	Floor	Door	Reader Name	Company Depa	rtment Status	Card No.		
2005-04-20	11:28:56	Area 1	01F	Door 4	Reader 4 Iouis	0101C1E13	Access Denied	25500072	3	
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- Control image by image play button.

- Able to send still image in image file (JPEG file and etc.)
- Able to send recorded image in other image format files (AVI file and etc.).



Play real time image

Real time monitoring is possible with view camera when normal/alarm event occurs.

Image pops up in the map when event is occurred. Also, real time view icon is popped in event list. Click the camera icon

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- Able to change image sizes with magnifying icon in real time image.
- Able to control camera with real time image view when camera supports PAN/TILT/ZOOM (PTZ) functions

• Monitoring images in Map setting and Map screen

Able to control angle of camera while monitoring images in map screen when view devices are installed.

Start

Choose System->Map Setting-> Map Item

Camera set up in map screen

Set angle of camera while monitoring images in map screen when view devices are installed.

- Move camera icon to the place where the door is located





- Real time view is possible by double clicking camera icon.



- Live video view is to show when camera icon is double clicked.





In case of an event occurrence, its door icon blinks on the map and its live video window pops up
if a camera and web server is connected to the door.





• SMS Service.

Able to send event in SMS by using foreign SMS services.

* Warning *
This function does not support usage of Korean Language Program.
You must register at ipipi.com in order to obtain this service. Set the given ID and Password which you have received when registering ipipi.com.
■ Star

Choose Set Up-> SMS Definition

SMS Set up

Set up information on SMS server and receiver.

8 SMS Definition		×
Save 💽 Close 🔯		
SMS Active Choose w	vhen using SMS function.	
SMS Server Definition Card Event Defin	ition I/O Event Definition	1
-SMS Server Definition	Тур	e in the information which you
SMTP Server Name	ipipi.com hav	e received from SMS service
User Name	idteck1	
User Password	Confirm XXXXXXXXXX	
Email Address(Sent From)	idteck1@ipipi.com	
Recipient Definition		
Add 💽 Delete 👂	Recipient List	
Recipient Name	✓ baek 821649988 Marian E 822265900	23
baek		
Recipient Phone No.		
82164998823	Type in SMS receiver	's information by

- How to set SMS
 - SMS server registration



- 1) Choose SMS Active.
- 2) Register information on server and user received from the SMS service providing company.
- 3) Email Address is automatically stored as User name + Server name.

- SMS receiver registration

4) Register information on SMS receiver as below.

а.	Click Add button	
	🔓 SMS Recipient Del	inition X
	Save 🏠	Close 🔇
	Nam	e baek
	Telephone No	82164998823

- b. Type in name and number of the receiver.(including country code)c. Click Save button then close to finish.
- To delete SMS receiver
 - 5) Follow the instruction below when deleting SMS receiver.
 - a. Choose the receiver which you wish to delete from recipient list.
 - b. Click Delete button on the left.
 - c. Click Yes to delete.
- Card Event set up (Option)

Set up card event and information which you wish to send through SMS. When chosen event occur the information which you have set up will be transferred to the receiver.



SMS Definition		
iave 🚺 Clos	e 🔀	
SMS Active	Check when using SMS function.	
Card Event List		
Card Event	Message	
Access Granted	%D/%T/%C/%E/%P/%N/%G/Access Granted	
Access Denied	%D/%T/%C/%E/%P/%N/%G/Access Denied	
Invalid Timeschedule	%D/%T/%C/%E/%P/%N/%G/Invalid Timeschedule	
Antipassback(In)	%D/%T/%C/%E/%P/%N/%G/Antipassback(In)	
Antipassback(Out)	%D/%T/%C/%E/%P/%N/%G/Antipassback(Out)	
Password Error	%D/%T/%C/%E/%P/%N/%G/Password Error	
Access Door Error	%D/%T/%C/%E/%P/%N/%G/Access Door Error	
Finger Error	%D/%T/%C/%E/%P/%N/%G/Finger Error	
Duress Mode	%D/%T/%C/%E/%P/%N/%G/Duress Mode	
Choose event w	hich you wish to send through SMS.	
Edit information	on chosen SMS event.	
%D7%T7%C7%E7%P7%N7%	G/Access Denied	Default
-Legend		·
%D : Event Date %T : Event Time	%C : Card No. %N : Name %G : Door Name %E : Employee No. %P : Part	
References for t	typing information in SMS.	

- 1) Choose Card Event Definition.
- 2) Choose event that you wishes to send through SMS.
- 3) In contents, edit information which you wish to send in occurrence of the event.
- 4) Refer to below legend for editing.
- 5) Click "save" to store information.
- 6) Click "close" to finish.
- Input/Output event set up

Set up information and types of input/output events which you wish to send through SMS. When chosen event occur the information which you have set up will be transferred to the receiver.



STARWATCH ITDC PRO I™

SMS Definition	×
ve 💽 Close 🔝	
SMS Active Check when using SMS function.	
MS Server Definition Card Event Definition I/O Event Definition	
VO Event List	
I/O Event Message	[]]
Vertime Door Opened %d/%t/%a/%f/%i/Overtime Door Opened	
Overtime Door Closed %d/%t/%a/%f/%i/Overtime Door Closed	
Exit Button %d/%t/%a/%f/%i/Exit Button	
Door Open %d/%t/%a/%f/%i/Door Open	
Door Close %d/%t/%a/%f/%i/Door Close	
☑ Detected Sensor %d/%t/%a/%f/%i/Detected Sensor	
☐ Fire %d/%t/%a/%f/%i/Fire	
□ Tamper Alarm %d/%t/%a/%f/%i/Tamper Alarm	
Electric Stoppage %d/%t/%a/%f/%i/Electric Stoppage	
Forced Door Opened %d/%t/%a/%f/%i/Forced Door Opened	
Forced Door Closed %d/%t/%a/%t/%i/Forced Door Closed	
Edit information on chosen SMS event.	
Contents	
%d/%t/%a/%f/%i/Detected Sensor	Default
-Legend	
%D : Date %T : Time %A : Area, %F : Floor %I : 1/O Name	
References for twing information in SMS	
Choose I/O Event Delinition.	
Choose I/O event which you wish to send through S	SMS.
In Contents, edit information which you wish to send	l in occurrence c

- 4) Refer to below Legend for editing.
- 5) Click Save to store information
- 6) Click Close to finish.

System Management

- Output set up function
- Output status sign and control function
- Transferring all system information per controllers
- Transferring all system information per biometric readers
- Transferring all data on users per controllers
- Supports FGR006SR , FINGER006SR
- Supports FACE006

• Output Set Up

Users can define all the type of devices connected to all the outputs of controllers.

For example outputs can be set to be connected to emergency exit, alarm, or other systems depending on the user's definition.



Start

Choose System -> I/O set up -> Output interface function.

I/O Setup and transmit

Once user choose port no and controller number, it shows current output setting information of the controller. Only those outputs essential for each door, as listed below, are not to be changed.

- List of essential door related output that is unchangeable.

Door Type	2 Door Type	3 Door Type	4 Door Type		
Set up unable output no.	No.1 output – Lock No.2 output - Alarm No.3 output – Lock No.4 output – Alarm	No.1 output – Lock No.2 output - Alarm No.8 output – Lock No.9 output – Alarm No.10 output – Lock No.11 output – Alarm	No.1 output – Lock No.2 output - Alarm No.3 output – Lock No.4 output – Alarm No.8 output – Lock No.9 output – Alarm No.10 output – Lock No.11 output – Alarm		





Zone	Location where the output device is installed.
Floor	Floor where the output device is connected.
Name	Name of the device connected to output

- Set up process

- 1) Choose the controllers address and its port address.
- 2) Output connecting point : Choose the output connecting point
- 3) Output type : Set up types of the devices connected to the output

(Emergency door, Alarm, normal output)

* When emergency door is the output contact point.

- 4) Exit Button : Choose the input contact point of the Exit button when exit button is installed on the emergency door.
- 5) Door Contact : Choose the input contact point of the Door Contact when Door Contact is installed on the emergency door.
- 6) OP Time : when exit button is installed on the emergency door choose the time(second) of Exit button. (0 sec.~98 sec. 99 for infinitive)
- 7) Timeschedule : Automatically controls in time when setting is done in output of timeschedule.
- 8) Zone, Floor, Name: Type the information on connected device.
- 9) Click Save to store data base..
- 10) Click Transfer button send to controller.

• Output status indication and control.

Real time check on output connected to controller(door, alarm, normal output). Also, remote control of output is possible.

Start

Choose Status-> door status/control.

Check door status and control door

Able to check door status in real time where door has been set up from Door/Reader and output contact point. Also, able to control lock device of door through program.

- > CANCEL (ALL) : Cancel all running output.
- **RUN (ALL)** : Run all output.
- > CANCEL (AREA) : Cancel only chosen area of running output.
- > RUN (AREA) : Run only chosen area of output..
- > CANCEL (FLOOR) : Cancel only chosen floor of output.
- **RUN (FLOOR)** : Run only chosen floor of output.
- > CANCEL (EACH) : Cancel chosen output..
- **RUN (EACH)** : Run chosen output.
- > Operation by time(sec.): Run out put for selected time.

However, to check door/emergency door status, door contact must be installed. Otherwise it will only check the lock device.



8 Output Stat	tus/Control						2
	Deer	T T	Alarm De	rice) I	Normal Relay	
Lock (All)	0 Unlock (All)	Lock (Area)	Unlock (Area) 🛛 🏠	Lock (Floor)	Unlock (Floor)	Clo	ose 🧔
Update Door	Status		Area	Area 1	_	Floor 01F	-
Area	Floor Door	Status					
Area 1	01F 01.000.1	Door Close, Lock		5	50 S0	a	
Area 1	01F 01.000.2	Door Close, Lock	01.000.1	01/000/3	1003		0000 3
Area 1	01F 01.000.3	Door Close, Lock	01,000,1	01.000.2	010003 010004	50011	00012
Area 1	01F 01.000.4	Door Close, Lock					
Area 1	01F Door1	Door Close, Lock	<u>200</u>	Lock			
Area 1	01F Door 2	Door Close, Lock	Door 3	Doc Unlock	Right Emergency		
Area 1	01F Door 3	Door Close, Lock		Unlock	3 Sec.		
Area 1	UTF Door 4	Door Close, Lock		Unlock	5 Sec.		
Area 1	U1F Left Emergency Doo	r Door Close, Lock		Unlock	10 Sec.		

- Door status

6 Output Stati.	us/Control									×
	Doo	и	L		Alarm De	vice	I	1	Iormal Relay	
Lock (All)	Chlock (All) 🚯	Lock (Area)	🚱 Unio	ck (Area) 🛛 🚱	Lock (Floor) 🕋 Uni	ock (Floor) 👔	CI	ose 📀
					[
Update Door	Status			2	Area	Area 1		<u> </u>	Floor 01F	<u> </u>
Area	Floor Do	or	Status							
Area 1	01F 01	.000.1	Door Close, Lock						<u></u>	<u></u>
Area 1	01F 01	.000.2	Door Close, Lock		01.000.1	01 000 2		01 000 4	01 001 1	01 001 2
Area 1	01F 01	.000.3	Door Close, Lock	- 1	01.000.1	01.000.2	01.000.5	01.000.4	01.001.1	01.001.2
Area 1	01F 01	.000.4	Door Close, Lock	- 1						-
Area 1	01F 01	.001.1	Door Close, Lock	- 1	2 No. 1	2 Lask	0016	<u>111</u>	200	22
Area 1	01F 01	.001.2	Door Close, Lock	- 1	01.001.3	01.00 LOCK		01.002.12.Door	01.002.13.Door	01.002.14.Door
Area 1	01F 01	.001.3	Door Close, Lock			Unioc	k 2 Cas			
Area 1	01F 01	.001.4	Door Close, Lock				K 3 38C.			
Area 1	01F 01	.002.1	Door Close, Lock		01.002.15.000	01.00 Unloc	K 5 58C,	01.002.4		
Area 1	01F 01	.002.12.Door	Door Close, Lock	- 1		Unloc	:k 10 Sec.			
Area 1	01F 01	.002.13.Door	Door Close, Lock	- 1						
Area 1	01F 01	.002.14.Door	Door Lock.	- 1						
Area 1	01F 01	.002.15.Door	Door Lock.	- 1						
Area 1	01F 01	.002.2	Door Close, Lock	- 1						
Area 1	01F 01	.002.3	Door Close, Lock	- 1						
Area 1	01F 01	.002.4	Door Close, Lock							
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
				- 1						
	_				1		_			

- Door control : Click right button of the mouth on the screen where there is a door. Controls door by given situation.(lock, unlock, unlock for certain period)

To see alarm status and control alarm device



Able to see the status of alarm device which has been set up in the output contact point in real time. Also, alarm can be controlled through program.

- Alarm status

Output Statu	Door	- Y		Alarm Devic		- Y	,	Jormal Dalay	
		In soft on (Second)			ta a structure of			contraintenay	
nacuve (vu)	•4 verse (ver) •4	macure (vrea)	Active	eren)	macave (1000) ea	• (+1001) • ij		iose C
Update Alarm	Device Status			Area 🛃	rea 1		•	Floor	×
Area	Floor Name	Status		03	03	03	03	03	0\$
Area 1	01F 01.000.1	Inactive		01.000.1	01.000.0	01.000.2	01.000.4	Door 1	Down 2
Area 1	01F 01.000.2	Inactive		01.000.1	01.000.2	01,000.3	01.000.4	00071	000F 2
Area 1	01F 01.000.3	Inactive		a th	10	-	at l		
Area 1	01F 01.000.4	Inactive		<u></u>	<u>•</u>	<u></u>			
Area 1	01F Door1	Inactive		Door 3	Door 4	Main Alarm	Sub Alerm		
Area 1	U1F Door 2	inactive							
Area 1	UTF Door 3	Inactive							
Area 1	UTF Door 4	inactive							
Area 1	OTF Main Alarm	Inactive							
Area 1	UTP SUD Alarm	ILINCOA6							

- Control of Alarm : Click right button of the mouse on the screen where there is Alarm device. Controls alarm by given situation.(Alarm on, Alarm off, Alarm on for certain period)

8 Output Statu	is/Control									
		Door			Alarm Device				Normal Relay	
Inactive (AII)	a) Activ	e (All)	Inactive (Area)	•	e (Area)	Inactive (Flo	or) 🔹 Active	e (Floor) 🛛 🔹		Close 🤇
Update Alarm	Device State	18			Area Area	1		-	Floor	-
Ave.	Cinor.	Name	Otabus							
Area Area 1	015	01.000.1	loactive		0.8	0.8	03)	03)	03)	0.8
Area 1	01F	01.000.1	Inactive		01.000.1	01.000.2	01.000.3	01.000.4	Door 1	Door 2
Area 1	01F	01.000.3	Inactive		_	_	_	_		
Area 1	01F	01.000.4	Inactive		•3	03	•3	e41	d	-
Area 1	01F	Door 1	Inactive		Door 3	Door 4	Main Alarm	Sub Anti-	tive	
Area 1	01F	Door 2	Inactive					Activ	ne	
Area 1	01F	Door 3	Inactive					Activ	e For 10 Sec.	
Area 1	01F	Door 4	Inactive					Activ	e For 50 Sec.	
Area 1	01F	Main Alarm	Inactive					Activ	e For 60 Sec.	
Area 1	01F	Sub Alarm	Inactive							

• To check and control normal output status.

Able to see normal output devices which have been set up from the output contact point. Also, normal output can be controlled through program.



- Door status

Door Alem Device Normal Relay Inactive (AII) eg Active (AII) eg Active (AIII) eg Active (AIII) eg Active (AIIII) eg Active (AIIIII) eg Active (AIIIIII) eg Active (AIIIIII) eg Active (AIIIIIII) eg Active (AIIIIIII) eg Active (AIIIIIIII) eg Active (AIIIIIIII) eg Active (AIIIIIIIII) eg Active (AIIIIIIIII) eg Active (AIIIIIIIIII) eg Active (AIIIIIIIIIIII) eg Active (AIIIIIIIIIII) eg Active (AIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	8 Output Statu	us/Control							×
Inactive (All) @ Active (All) @ Inactive (Area) @ Active (Area) @ Inactive (Floor) @ Active		Door	1	Alarm Device	1] ,	iormal Relay		
Jopdate Normal Relay Status Area Floor Image: Constraint of the intervence Lighting Inactive Area 1 Off Entrance Lighting Inactive Area 1 Image: Constraint of the intervence Lighting Inactive Area 1 Image: Constraint of the intervence Lighting Inactive Area 1 Image: Constraint of the intervence Lighting Inactive Area 1 Image: Constraint of the intervence Lighting Inactive Area 1 Image: Constraint of the intervence Lighting Inactive Area 1 Image: Constraint of the intervence Lighting Inactive Area 1 Area 1 Image: Constraint of the intervence Lighting Inactive Area 1 Area 1	Inactive (AII)	Active (All)	Inactive (Area)	tive (Area)	Inactive (Floor)	Active (Floor)		Close	٩
Area Floor Name Statut Area 1 01F Entrance Lighting Inactive Area 1 01F Main Hail Lighting Inactive Area 1 01F Main Hail Lighting Inactive Area 1 01F Main Hail Lighting Inactive	Update Norm	al Relay Status		Area 📓	ea 1	<u> </u>	Floor	×	
Area 1 01F Entrance Lighting Inactive Area 1 01F Main Hail Lighting Inactive Area 1 01F Main Hail Lighting Inactive Area 1 01F Main Hail Lighting Inactive	Area	Floor Name	Status						_
Area 1 01F Exit Lighting Inactive Area 1 01F Main Hail Lighting Inactive Previous Lighting Exit Lighting Main Hail Lighting Active For 30 Sec. Active For 30 Sec. Active For 60 Sec.	Area 1	01F Entrance Lightin	Inactive			Inactive			
Area 1 01F Main Hall Lighting Inactive Active For 10 Sec. Active For 80 Sec.	Area 1	01F Exit Lighting	Inactive	Entrance Lighting	Ext Lighting Main Hi	Active			
	Area 1	01F Main Hall Lightin	a inactive			Active For ID Sec. Active For 80 Sec. Active For 80 Sec.			

- Door lock control: Click the right mouse on the screen of door. Runs chosen devices for door(lock, unlock, lock for certain period of time).

o System Information Batch Transmission for Controller

This is use to run information on system for transferring at once. Also, to install controller, choosing system and transferring information.

Start



System->System management->Transferring information->Choose controller tap.

Batch transmission for controller

This is used for transferring information at once.

Set Sy	stem Data				×
	Transmit	🕞 Close			
ITDC C	ontroller Biometrics	Reader Card Holders			
- Svete	m List		Sv	stem Function List	
01	- 000 - iTDC-01.000			01 - DATE/TIME SETTING	
₩ 02	- 000 - iTDC-02.000			02 - DOOR TYPE SETTIN	3
				03 - CARD ID MEMORY SI	ETTING
				04 - DOOR OPEN ALARM	TIME SETTING
				05 - DURESS MODE SET	TING
	•			06 - MODE CHANGE SET	TING
	Choose conti	roller for		07 - KEYPAD INPUT USA	GE SETTING
	batch transm	ission.		08 - ANTI-PASSBACK SET	TING
				12-HOLIDAY Chec	k the information that
				13-TIME SCH VOLLY	vant to transfer
				Joan	
	Select All	Cancel All		Select All	Cancel All
Port	Board Boadou	1			
TOIL		r Tyno	Code	Recult	
0.2		r Type 13-Time Schedule Data	Code	Result	<u> </u>
02	000	r Type 13-Time Schedule Data 13-Time Schedule Data	Code 02 01	Result OK OK	
02 02 02	000 000 000	 Type 13-Time Schedule Data 13-Time Schedule Data 12-Holiday Data 	Code 02 01 01	Result OK OK OK	
02 02 02 02	000 000 000 000 000	r Type 13-Time Schedule Data 13-Time Schedule Data 12-Hollday Data 11-Output Time Schedule	Code 02 01 01 20	Result OK OK OK OK	
02 02 02 02 02	000 000 000 000 000 000	r Type 13-Time Schedule Data 13-Time Schedule Data 12-Hollday Data 11-Output Time Schedule 10-Input Time Schedule	Code 02 01 01 20 21	Result OK OK OK OK OK	
02 02 02 02 02 02 02	000 000 000 000 000 000	r Type 13-Time Schedule Data 13-Time Schedule Data 12-Holiday Data 11-Output Time Schedule 10-Input / Output Table 09-Input / Output Table	Code 02 01 01 20 21 45	Result OK OK OK OK OK	
02 02 02 02 02 02 02 02	000 000 000 000 000 000 000 000 000	r Type 13-Time Schedule Data 13-Time Schedule Data 12-Holiday Data 11-Output Time Schedule 10-Input Time Schedule 09-Input / Output Table 09-Input / Output Table 09-Input / Output Table	Code 02 01 01 20 21 45 44	Result OK OK OK OK OK OK	
02 02 02 02 02 02 02 02 02 02	000 000 000 000 000 000 000 000 000	r Type 13-Time Schedule Data 13-Time Schedule Data 12-Holiday Data 11-Output Time Schedule 10-Input Time Schedule 09-Input / Output Table 09-Input / Output Table 09-Input / Output Table	Code 02 01 01 20 21 45 44 43	Result OK OK OK OK OK OK	
02 02 02 02 02 02 02 02 02 02 02 03	000 000 000 000 000 000 000 000 000 Shows transf	r Type 13-Time Schedule Data 13-Time Schedule Data 12-Holiday Data 11-Output Time Schedule 10-Input Time Schedule 09-Input / Output Table 09-Input / Output Table 09-Input / Output Table 09-Input / Output Table	Code 02 01 20 21 45 44 43	Result OK OK OK OK OK OK OK	
02 02 02 02 02 02 02 02 02 01 01 01 01	000 000 000 000 000 000 000 000 000 00	r Type 13-Time Schedule Data 13-Time Schedule Data 12-Holiday Data 11-Output Time Schedule 09-Input / Output Table 09-Input / Output Table	Code 02 01 20 21 45 44 43	Result OK OK OK OK OK OK	
02 02 02 02 02 02 02 02 02 01 01 01 02 02 02 02 02 02 02	000 000 000 000 000 000 000 000 000 00	r Type 13-Time Schedule Data 13-Time Schedule Data 12-Holiday Data 11-Output Time Schedule 10-Input 7 ime Schedule 09-Input / Output Table 09-Input / Output Table	Code 02 01 01 20 21 45 44 43 39 39 38	Result OK OK OK OK OK OK OK	

- 1) Choose controller for batch transmission form the system list.
- 2) Chose the data to transfer.
- 3) Click "transfer" to send the data to controller.
- 4) The transferred data is shown on the result list as below.
- 5) If the transmission is failed follow the error message instruction. If there is no system information on the Data Base, transmit after registering information. For cause of communication error, try it again or check the communication.

Batch Transmission of system information

System setting and data transmission after initial installation and initialization of Biometric readers

Open

System->System management-> Data Transmission-> Biometric Reader

Batch selection of Biometric readers



ar bystern Data	and the second second second second second second second second second second second second second second second			
Transmit		Close		
C Controller Biome	trics Reader Card H	Holders		
Rystem List			- System Function List	
	01.100		1 PEADER MODE SETTIN	10
2 01 - 104 - FINGERO	06-01 104		M 02 - FINGER MODE SETTING	3
01 - 105 - FINGERO	06-01.104		Ø 02 - HINGER MODE BETTI	S NG
101 - 106 - FINGERO	06-01-106		INA - IDENTIFICATION MODE	SETTING
_ 01 - 107 - FINGER0	06-01.100		I 05 - OLITPLIT MODE SETTIN	16
	00 01.101		R n6 - OUTPUT TYPE SETTING	3
			■ 07 - FUNCTION MODE SET	ING
			R 08 - LCD MODE SETTING	
			9 09 - KEYPAD INPUT USAGE	SETTING
			■ 10 - 006P MODE SETTING	2010/11/201
Select the	readers		III - STAND ALONE MODE S	ETTING
			Select the	e data to transmit
Select All	Ci	ancel All	Select the	e data to transmit
Select All 'ort Board Re	C; ader Type	ancel All	Select the Select All	e data to transmit Cancel All
Select All 'ort Board Re 1 104	C; ader Type 11-Stand Alone	ancel All C a Mode	Select the Select All ode Result	e data to transmit Cancel All
Select All fort Board Re 1 104 1 104	C: ader Type 11-Stand Alone 10-Finger006P	ancel All C à Mode Mode	Select the Select All	e data to transmit Cancel All
Select All fort Board Re 1 104 1 104 1 104	C: ader Type 11-Stand Alone 10-Finger008P 09-Keypad Usa	ancel All C a Mode Mode age	Select the Select All OK OK OK	e data to transmit Cancel All
Select All ort Board Re 1 104 1 104 1 104 1 104	Cr ader Type 11-Stand Alone 10-Finger006P 09-Keypad Usa of transmission	ancel All c Mode Mode age on is return	Select the Select All OK OK OK	e data to transmit Cancel All
Select All 'ort Board Re 1 104 1 104 1 104 The result	C: ader Type 11-Stand Alone 10-Finger008P 09-Keypad Use of transmissio	ancel All c Mode Mode age on is return	Select the Select All otc OK OK ed on this window	e data to transmit Cancel All
Select All Port Board Re 1 104 1 104 1 104 1 104 The result	Ca ader Type 11-Stand Alone 10-Finger006P 09-Keypad Usa of transmissio	ancel All C Mode age on is return	Select the Select All ode Result OK OK OK ed on this window	e data to transmit Cancel All
Select All Port Board Re 1 104 1 104 1 104 The result 1 104	Cr ader Type 11-Stand Alone 10-Finger006P 09-Keypad Usa of transmissio 03-Adaptive Mo	ancel All c Mode Mode age on is return	Select the Select All ode Result OK OK OK	e data to transmit
Select All ort Board Re 1 104 1 104 1 104 The result 1 104 1 104 1 104	Cr ader Type 11-Stand Alone 10-Finger0069 09-Keypad Usa of transmissio 03-Adaptive Mo 02-Finger Usa	ancel All c Mode age on is return age	Select the Select All or ok ok ok ok ok ok ok ok	e data to transmit Cancel All
Select All Port Board Re 1 104 1 104 The result 1 104 1 104 1 104 1 104 1 104 1 104	C: ader Type 11-Stand Alone 10-Finger006P 09-Keypad Usa of transmissio 01-Keader Moo 01-Reader Moo 01-Reader Moo	ancel All a Mode Mode age on is return ide ge de	Select the Select All OK OK OK OK OK	e data to transmit Cancel All
Select All Port Board Re 1 104 1 10	Ca ader Type 11-Stand Alone 10-Finger006P 09-Keypad Usa of transmissio 03-Adaptive Mo 02-Finger Usa 01-Reader Mo 07-Function Mo	ancel All C Mode age on is return ode ge ge de de	ed on this window	e data to transmit Cancel All
Select All Port Board Re 1 104 1 104 1 104 1 104 1 104 1 104 1 104 1 104 1 104 1 104 1 104 1 100 1 10	Ca ader Type 11-Stand Alone 10-Finger006P 09-Keypad Usa of transmission 03-Adaptive Mo 02-Finger Usa 01-Reader Mo 07-Function Mo 05-Output Mod	ancel All C a Mode Mode age C on is return ge ge de e	ode Result OK OK OK OK OK OK OK OK OK	e data to transmit

- 1) Select the readers from the list
- 2) Select the data from the list
- 3) Click "transmission" button
- 4) The transmission result is returned on the window
- 5) If the transmission is not successful, check the database and the communication status..

o Batch transmission of Cardholders' data to the controller and the biometric reader

Open

System->System management-> Data Transmission -> transmission to controllers

Batch transmission of Cardholders' data



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□ 02-000-iTDC-0 Select contri readers	ollers or	Emplo Si Serial d	ovee No. Name Card No. Sort By ort Order card no. transmit Se	Iect the data to tra	<mark>insmit v</mark>
Employee Ma	home	Cord No	Compony	0 70 Deportment	Title
Employee No.	Name	25500070		Department	Inte
00001	louis	25500072	아이디테크		
51448	박철진	11			
54410	Rod T	he result w	vill be returned o	on the list	

1) Select controllers or readers from the list

Data transmission

Transmit cardholders' information registered in program. Transmit data cardholders accessible to the selected system.



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👌 Se	t System Data					2
-	Trans	mit 🕒	Close			
iTD	C Controller Bio	metrics Reader Card H	olders			
	select All	11.000 16-01.100 R006-01.104 R006-01.106 R006-01.106 R006-01.107 12.000	C Serial (I holders in database tr ed card holders in data Search Cond company oyee No. Name Card No. Sort By ort Order card no. transmit ~	ansmit ibase transmit ittion	Q.
	Employee No.	Name	Card No.	Company	Department	Title
	0000	김성수	25500070	아이디테크		
	00001	louis	25500072	아이디테크		
	51448	박절신	03151448	아이디테크		
	54410	Kod	03154410	Company		
4						•
P	ort Board	Reader Type		Code	Result	<u>*</u>
		Card Data Tran Block Download Packet Making (Packet Making.	smission Start 3 Start Complete			

- 2) Select "the transmission of all registered cardholders' data"
- 3) Click "Transmission" button.
- 4) Select "Yes"

Oelect	163.		
👌 Set Syste	em Data		×
Would y	ou transmit all	the ID numbers in dat	abase?
	🍞 Yes 🕐	NoN	

5) <u>Select transmission type.</u>

Would you registe	er the data after in	nitializing controller? If	f so, all previous data will l	pe deleted.
, <u> </u>		Ĩ		
		· · · · · · · · · · · · · · · · · · ·		
	2002			

5-1) Transmission after initialization : click "Yes" button Caution : All the card data will be erased before transmission.

5-2) Transmission without deleting existing data : Select 'No' Select transmission type. To delete and register the card data again, select "Yes". To modify existing card data without deleting, select "No".



👸 Set Syst	em Data			<u>></u>
Do you	want to do batch tra	insmission after delet	ted all card data from syst	tem?
	(Yes()	No(N)	Cancel (C)	

- 5-3) If you want to cancel the transmission, click 'Cancel' button.
- Transmission of consecutive card numbers.

Select the range of card numbers to transmit. It is very convenient to transmit the consecutive card numbers.

Caution : Cardholders being registered to the controller automatically gain access to all the doors connected to the controller. When being registered to the biometric reader, not biometric data but card number and pass word (default :0000) will be registered. Biometric data can be registered later on.

👌 Set System Data	1.5				×
Can Transr	nit 🕒	Close			
ITDC Controller Bior System List 01 - 000 - ITDC-0 01 - 001 - ITDC-0 01 - 002 - ITDC-0 01 - 100 - FOR00 01 - 100 - FOR00 01 - 104 - FINGEF 01 - 105 - FINGEF 01 - 105 - FINGEF 01 - 107 - FINGEF 01 - 106 - FINGEF 01 - 107 - FINGEF 01 - 107 - FINGEF 02 - 100 - FACE00	netrics Reader Card Ho 1.000 1.001 1.002 6-01.100 R006-01.104 R006-01.105 R006-01.105 R006-01.107 D6-02.100	Iders	I holders in database tra ed card holders in datat company oyee No. Name Card No. Sort By ort Order card no. transmit card no. transmit	nsmit ion Company IDTEC Access Group All	n Q
Select All	Cancel All			12%	
Employee No.	Name KIM SUNGSOO	Card No.	Company IDTECK	Department	Title_
00001 00100001 00100002	louis 00100001 00100002	25500072 00100001 00100002	IDTECK Company Company	Department Department	Title Title
00100003	eader Type	00100003	Company	Department	Title
01 000 01 000 01 000 01 000 01 000	Current : 001000 Current : 001000 Current : 001000 Current : 001000	12 11 10 09	1 2005	OK OK OK	

- 6) Select "Consecutive card number transmission"
- 7) Set the card number range to register. Select company and group to register the data collectively.
- 8) Click "transmit" button.
- 9) If the following message is given, select "Yes".

Would you trans	nit the block of ID numb	ers? If yes, all the	ID of the block will be registered in those	sellected controllers
		Yes()	<u>() No(N)</u>	



10) Decide whether to register the data collectively to the database. The data registered to the database will become the basic information.

👌 시스템 정보 전송			×
Would you regist	er the block of ID nu	mbers to database?	
Yes()	No(N)	🔏 Cancel (C)]

10-1) If the card number already exists, the following message will be given. To modify existing data, select "Yes". If not, select "No"

승 시스템 정보 전송	×
00100001 - This card number already exists. Do you want to replace the existing one?	
Yes(Y)	

11) Select transmission type

Would you re	igister the data after i	nitializing controller? I	lf so, all previous data wil	l be deleted.
		,		
	A Vac 00		(A) and (A)	
	Z THE YOC(Y)	I DO M NOON SI	(Cancel (C)	

- 11-1) Transmission after initialization : Select 'Yes' Caution : All the card data will be erased.
- 11-2) Transmission without deleting existing data : Select 'No' Select transmission type. To delete and register the card data again, select "Yes". To modify existing card data without deleting, select "No".

🗟 Set System Data	X
Do you want to do batch transmission after deleted all car	data from system?
Yes No No	ancel (C)

11-3) Select 'Cancel' to cancel transmission

12) The transmission result will be displayed on the list

o FGR006(SR), FINGER006(SR).

Biometric reader setting, operation and fingerprint management are feasible.

Open

system->biometric reader setting

FGR006(SR)

Click "Add/modify" button. Set the address of the biometric reader. To change FGR006(SR)'s setting values, save and transmit the changes.



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Unregistered	Biometrics Reader N	o. List	Registered Bio	metrics Read	der No. List	
Biometrics R	eader No.	_	Reader No.	Reader Na	ame	Reader Type
100			100	01.100		FGR006
102			104	01.104		FINGER006
103			106	01.106		FINGER006
104		1	1 107	01.107		FINGER006
105						
107						
108						
109		-				
FGR006		•	FGR006(SR)	FINGERO	06(SR) FACE006(SR)]
Reader Nam	18		R	eader Mode	2-RF+Fingerprint	*
01.100			Finge	rprint Mode	0-Single Mode	•
			Ad	aptive Mode	1-Use	-
			Identifi	ation Mode	1-Use	•
			C	utput Mode	0-26Bit Wiegand	-
			Fu	nction Mode	0-Reader Mode	
					Default V	alue

FINGER006(SR)

Click "Add/modify" button. Select the address of the biometric reader. To change FINGER006(SR)'s setting values, save and transmit the changes.



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	Save		Close		€	
Port No.	01	<u>-</u>				
Unregistered I	Biometrics Reader No). List	Registered Bior	netrics Read	er No. List	
Biometrics R	eader No.	-	Reader No.	Reader Na	me	Reader Type
100			100	01.100		FGR006
101			104	01.104		FINGER006
102			105	01.105		FINGER006
103			106	01.106		FINGERUUS
104		>>		01.107		FINGERGOO
106		_				
107						
108						
109		-				
FINGER008	etrics Reader	-	FGR006(SR)	der Function FINGER00	6(SR) FACE006(SF	र)]
FINGER000	etrics Reader	•	Biometrics Rea FGR006(SR) Re	der Function FINGER00 ader Mode	6(SR) FACE006(SF 2-RF+Fingerprint	रु] 🖵
FINGER000 Reader Nam	etrics Reader	•	Biometrics Rea FGR006(SR) Re Finger	der Function FINGER00 ader Mode rprint Mode	6(SR) FACE006(SF 2-RF+Fingerprint 0-Single Mode	श
FINGER000 Reader Nam	etrics Reader	.	Biometrics Rea FGR006(SR) Re Finger Ada	der Function FINGER00 ader Mode rprint Mode ptive Mode	6(SR) FACE006(SF 2-RF+Fingerprint 0-Single Mode 1-Use	0] • •
FINGER006 Reader Nam 01.105	etrics Reader		Biometrics Rea FGR006(SR) Re Finger Ada Identifica	der Function FINGER00 ader Mode print Mode ptive Mode	6(SR) FACE006(SF 2-RF+Fingerprint 0-Single Mode 1-Use	। । । । ।
FINGER000 Reader Nam	etrics Reader	•	Biometrics Rea FOR006(SR) Re Finger Ada Identifica	der Function FINGER00 ader Mode rprint Mode ptive Mode ation Mode utput Mode	6(SR) FACE006(SF 2-RF+Fingerprint 0-Single Mode 1-Use 1-Use 0-26Bit Wiegand	ง)
FINGER006 Reader Nam	etrics Reader	_	Biometrics Rea FOR006(SR) Re Finger Ada Identifica Ou	der Function FINGER00 ader Mode rprint Mode ptive Mode ation Mode utput Mode Dutput Type	6(SR) FACE006(SF 2-RF+Fingerprint 0-Single Mode 1-Use 1-Use 0-26Bit Wiegand 0-Normal	
FINGER000 Reader Nam	etrics Reader		Biometrics Rea FOR006(SR) Re Finger Ada Identifica O(O	der Function FINGER00 ader Mode print Mode ation Mode ation Mode utput Mode Dutput Type CD Display	6(SR) FACE006(SF 2-RF+Fingerprint 0-Single Mode 1-Use 1-Use 0-26Bit Wiegand 0-Normal 0-Status	8)
FINGER000 Reader Nam	etrics Reader		Biometrics Rea FGR006(SR) Re Finger Ada Identifica Ou O	der Function FINGER00 ader Mode ptive Mode ation Mode dutput Mode Dutput Type CD Display Key Pad	6(SR) FACE006(SF 2-RF+Fingerprint 0-Single Mode 1-Use 1-Use 0-26Bit Wiegand 0-Normal 0-Status 1-Use	8)
FINGER000 Reader Nam	etrics Reader		Biometrics Rea FOR006(SR) Re Finger Ada Identifica Ou Ou C	der Function FINGER00 ader Mode ptive Mode ation Mode ation Mode Dutput Mode Dutput Type CD Display Key Pad tand Alone	6(SR) FACE006(SF 2-RF+Fingerprint 0-Single Mode 1-Use 1-Use 0-26Bit Wiegand 0-Normal 0-Status 1-Use 1-Use	
FINGER000 Reader Nam 01.105	etrics Reader	Y	Biometrics Rea FOR006(SR) Re Finger Ada Identifica Ou O C S FIN	der Function FINGER00 ader Mode print Mode ation Mode ation Mode ation Mode Dutput Mode Dutput Type CD Display Key Pad tand Alone IGER006P	6(SR) FACE006(SF 2-RF+Fingerprint 0-Single Mode 1-Use 1-Use 0-26Bit Wiegand 0-Normal 0-Status 1-Use 1-Use 0-Not Use	

• FACE006(SR)

FACE006(SR) setting, operation and face data management are feasible.

Open

system->select "biometric reader"

■ FACE006(SR)

Click "Add/modify" button. Select the address of the biometric reader. To change FACE006(SR)'s setting values, save and transmit the changes



Biometrics Re	eader set up				
ansmit	Save Save		Close	٩	
'ort No.	01				
Inregistered B	iometrics Reader N	lo. List	Registered Biometrics R	eader No. List	
Biometrics Re	ader No.	-	Reader No. Reader	Name	Reader Type
100			100 01.100		FGR006
101			104 01.104		FINGER006
102			105 01.105		FINGER006
104			107 01.107		FINGER006
105		>	108 01.108		FACE006
106					
108					
109		-			
Select Biome	trics Reader		Biometrics Reader Func	tion	a
FACEUUS		<u> </u>	FGRUUB(SR) FINGE	RUUS(SR) FACEUUS(SR)	4
Reader Name	9		Reader Mod	de 2-RF+Face(PW)	•
01.108			Output Mod	de 0-26Bit Wiegand	•
			Output Typ	oe 0-Normal	•
			LCD Displa	ay 0-Status	•
			Key Pa	ad 1-Use	-
			Stand Alor	ne 1-Use	-
			FACE006	P 0-Not Use	-
				Default Va	ilue

- Functions of (FGR006(SR), Finger006(SR)

Functions	Description
Reader Mode	RF Only
	RF + Fingerprint, Face (PW)
	RF + PW + Fingerprint , Face
Fingerprint Mode	Dual Mode : to register 2 different fingerprints under a single ID (low recognition
	effectiveness)
	Single Mode : to register a fingerprint twice
Adaptive Mode	Use : to enhance the effectiveness of fingerprint recognition (recognition process is
	comparatively slow. The red light of the module blinks while scanning)
	Not Use : Disable Adaptive Mode
Identification Mode	By Auto Match(fingerprint only)
	Use : allows you to obtain access by using a fingerprint only
	Not Use : Disable identification mode
Output Mode	26 Bit Wiegand
	ABA Track II
Output Type	Transmit the recognition result through the separate line
	Normal : Only after successful recognition, the card number will be sent out
	Extension : after recognition, the card number is sent out and the result will be sent out
	through the separate lines (Ok, Error)
Function Mode	Registration Mode : to register fingerprints
	Reader Mode : normal fingerprint reading mode
LCD Display	Status : the recognition result will be displayed
	Card No : Card number will be displayed.
Key Pad	Use : enter the card number by Key Pad
	Not Use : disable Key Pad
006P	Use : recognition process will be made by PIN without a card.
	Not Use : A card is needed in recognition process.
Stand Alone	This functions is not available by now. By default, set as "Use "

Time & Attendance


- Establishing Work schedule

• Establishing Work schedule

The work schedule function is designed to apply different work schedules by day to each group of workers. The work schedule consists of arrival time, departure time, lunch time and night shift. It is designed to assign different holidays to each week.

Open

Time & Attendance -> work schedule definition.

Assign work schedule by day

🛢 Definiti	ion Wor	k Time	0.00000							x
Save		Close Close		٩						
3		Vork Time Code 001 /ork Time Name Norma	I Shift	1						
Definitio	in Work	Time								
		Day in Time	00:00:00	-	Over Time	00:00:00	-	Lunch Out Time	00:00:00	-
		Day Out Time	00.00.00	÷	Next Day Time	00.00.00	÷	Lunch In Time	00.00.00	÷
						Batc	h Apply		Initialize	
Sunday										
F H	oliday	Day in Time	09:00:00	<u> </u>	Over Time	19:00:00	<u> </u>	Lunch Out Time	00:00:00	=
		Day Out Time	18:00:00	÷	Next Day Time	04:00:00	÷	Lunch In Time	00:00:00	÷
Monday		Day In Time	na-nn-nn	-	Over Time	19:00:00	-	Lunch Out Time	00:00:00	14.1
Гн	oliday	Day Out Time	10:00:00		Next Day Time	04:00:00		Lunch in Time	00:00:00	
Turneda		Day out time	110.00.00	-	(test boy time	104.00.00	-		100.00.00	-
ruesuaj	,	Day In Time	09:00:00	-	Over Time	19:00:00	-	Lunch Out Time	00:00:00	-
I H	oliday	Day Out Time	18:00:00	2	Next Day Time	04:00:00		Lunch In Time	00:00:00	
Wednes	sday									
R H	oliday	Day In Time	09:00:00	÷	Over Time	19:00:00	÷	Lunch Out Time	00:00:00	÷
		Day Out Time	18:00:00	-	Next Day Time	04:00:00	-	Lunch in Time	00:00:00	÷
Thursda	N.	Day In Time	00.00.00	-	Over Time	10:00:00	-	Lunch Out Time	00.00.00	-
Ен	oliday	Day Out Time	18.00.00		Next Day Time	04:00:00		Lunch In Time	00.00.00	
Friday		buy our mile	10.00.00	-	riest b dy ritite	104.00.00			100.00.00	-
		Day in Time	09:00:00	÷	Over Time	19:00:00	÷	Lunch Out Time	00:00:00	÷
1.1	oliday	Day Out Time	18:00:00	<u>.</u>	Next Day Time	04:00:00	-	Lunch In Time	00.00.00	÷
Saturda	y			-						
Гн	oliday	Day In Time	09:00:00	ź	Over Time	19:00:00	=	Lunch Out Time	00:00:00	<u></u>
		Day Out Time	13:00:00	÷	Next Day Time	04:00:00	÷	Lunch In Time	00:00:00	=

instruction

- 1) Enter work schedule code
- 2) Enter the name of work schedule
- 3) Fill in work schedule field at your discretion
- 4) Absence check function is not feasible for a holiday. Overtime work is applied to the employee working on a holiday.
 - 4) batch application : If the work schedules are regular during the week, set the time and click " batch application" button.

Card holder management

- 2 Men Operation
 - If Administrator Card and Visitor Card had been read to reader, **2 Men Operation** function would have been registered Administrator Card and Visitor Card to open access door.
- Personal Tracking



- Personal Tracking function monitors being permanently stationed passer at Access Control System.
- Guard Tour
 - **Guard Tour** function register/manage patrolman card, patrol area and patrol time. And it manages to result according to patrol.

A. Detailed description of added functions.

System Management

- Fire Group

- Alarm Controller Arm/Disarm

• Fire Group

Set controller's input point on fire signal. According to fire signal, **Fire Group** function sets up emergency (fire) exit. When fire signal occurs, set emergency (fire) exit will be open. In case of no set Fire Group, occurred fire signal will make open connected all access doors in system.

- Fire Signal Definition

Should set connected fire signal on controller's input point to set Fire Group.

Start

Set Up -> Input/Output Definition -> Set fire signal on connected input point with fire signal selecting controller's input point Definition.

Set up Input Point Definition

Input/ Output Definition set up mutual operational relation to occur signal for specific output when input signal occurs. And Input/Output sets seconds if output signal operates for some time. In addition, when input signal occurs, type of input signal and text of indicated customized definition can set.

According to setting door type of input/output controller, relational information about input/output signal conception by standard controller default value was created and saved automatically on database.

On this account, user cannot need addition and deletion. In case of changing only some information about mutual occurrence relation, operation time, input point of input/output signal, user can modify and transfer.

Find

In case of existing set information already, Find is used when you search data in accordance with condition using Find condition. Therefore Find is used when you modify existing data.



	n. 9. Anna 7.		1	Normal Definition				r
Port No.	Controller No.	Input Point No.	Input Point Name	Input Point Type	Output 1(sec)	Output 2(sec)	Output 3(sec)	Output 4(sec)
01	000	01	Exit Button	Exit Button	03	00	00	00
01	000	02	Door Contact	Door Contact	00	03	00	00
01	000	03	Exit Button	Exit Button	00	00	03	00
01	000	04	Door Contact	Door Contact	00	00	00	03
.01	000	05	FIRE - 001	Fire	00	00	00	00
01	000	06	Input 6	Input 6	00	00	00	00
01	000	07	Input 7	Input 7	00	00	00	00
01	000	08	Exit Button	Exit Button	00	00	00	00
01	000	09	Door Contact	Door Contact	00	00	00	00
01	000	10	Exit Button	Exit Button	00	00	00	00
01	000	11	Door Contact	Door Contact	00	00	00	00
01	000	12	Extension Input 5	Extension Input 5	00	00	00	00
01	000	13	Extension Input 6	Extension Input 6	00	00	00	00
01	000	14	Extension Input 7	Extension Input 7	00	00	00	00
01	000	15	Extension Input 8	Extension Input 8	00	00	00	00

3) You select condition in accordance with Port No. and Controller No.

4) You search clicking Find button. In case of existing found result, detail is indicated.

Modify

To set by fire signal, you modify Input point which fire signal was inputted. And you select controller's input point to modify. Selected data is indicated on selection.

		1	1	Normal Definition	1			
Port No.	Controller No.	Input Point No.	Input Point Name	Input Point Type	Output 1(sec)	Output 2(sec)	Output 3(sec)	Output 4(sec)
01	000	01	Exit Button	Exit Button	03	00	00	00
01	000	02	Door Contact	Door Contact	00	03	00	00
01	000	03	Exit Button	Exit Button	00	00	03	00
U1	UUU	04	Door Contact	Door Contact	00	UU	UU	03
01	000	05	FIRE - 001	Fire	00	UU	00	00
01	000	06	Input 6	Input 6	00	00	00	00
01	000	07	Input /	input /	00	00	00	00
01	000	08	Exit Button	Exit Button	00	00	00	00
01	000	09	Door Contact	Door Contact	00	00	00	00
01	000	10	Exit Button	Exit Button	00	00	00	00
01	000	11	Door Contact	Door Contact	00	00	00	00
01	000	12	Extension input 5	Extension input 5	00	00	00	00
01	000	13	Extension input 6	Extension input 6	00	00	00	00
01	000	14	Extension input 7	Extension input /	00	00	00	00
01	000	15	Extension Input 8	Extension Input 8	00	00	00	00



8) You click Modify button.

Input/Output	Definition				2
ansmit	Save	Close	8		6
	Port No. 01				
Con	troller No. 000	52			
' second is no op	eration. '99' seconds is unl	inited operation.			
Iormal Definitio	n Advance (Reader 1)	Advance (Reader 2) Ac	vance (Reader 3) Advance (R	eader 4) Advance (Special ID)	1
	Input Point No. 05		Input Type Fire	T	٦
	Area (Location) Area 1		Description FIRE - 001		
	Floor (Location) 01F	·	365 195		
ITDC Beard Output	Output 1(sec)	Output 2(sec) 00	▼ Output 3(sec) 00 ▼	Output 4(sec)	
0	utput 5(sec) (TTL) 00	Jutput 6(sec) (TTL) 00 TTL	Dutput 7(sec) (TTL) 00 TTL		
EIO 8/8	Output 8(sec) 00	Output 9(sec) 00	Output 10(sec) 00	Output 11(sec) 00 💌	
Doard Odiput	Output 12(sec) 00	Output 13(sec) 00	▼ Output 14(sec) 00 ▼	Output 15(sec) 00 🗾	

- 9) You select Area(Location), Floor(Location) information. If you select location which input signal occurs, you can confirm which event occurred any location at event occurrence.
- 10)Setinputpoint'stypeon'Fire'.STARWATCH V2.00.00 recognizes selected input point to fire signal.
- 11) Input point name indicates showed text on event occurrence window when fire signal occurs
- 12) From 1 to 15 output decides whether output separately operates or doesn't operate when corresponding input signal (fire signal) occurs. Inputted value on output set time (seconds) that output operates.
- 13) In case of inputting 00s, corresponding output signal doesn't occur. When you input (select) from 01s to 99s range value, relative output as set second as operates. Access door can be open through controller by itself as well as STARWATCH
- 14) Save clicking a Save button.
- 15) Transmit to controller clicking Transmit button.
- 16) Finish clicking Close button.

- Fire Group Definition

When fire point occurs, Fire Group Definition appoints access door that will be open.



Start

Set Up -> Select Fire Group Definition.

Find

In case of having set information already, Find is used when you search data in accordance with condition inputting find condition. When you modify existing data, Find is used.

Add

Add is used when you generate new data. When you supplement Fire Group, you input data clicking 'Add' button on data input screen.

2	Add	3	Modify	2	Delete	8	Close	
Condition								
Fire Group Code			-					
Fire Group Name			_					
			Fire	Group List				
Fire Group Code	Fire Group Name		Port No.	Controller No.	Input Point No.	Input Point	Name	
0100005	FIRE GROUP - 01		01	000	05	FIRE - 0	001	
0100007	FIRE GROUP - 02		01	000	07	Input	7	
Fire Group Code	Área	Floor		Door List	Port No.	Controller No	Door No.	Output Point
Fire Group Code	Area	Floor		Door List Door	Port No.	Controller No.	Door No.	Output Poin
Fire Group Code 0100007	Area Area 1 Area 1	Floor 01F		Door List Door ED1 ED2	Port No. 01	Controller No.	Door No. 5	Output Point
Fire Group Code 0100007 0100007 0100007	Area Area 1 Area 1 Area 1	Floor 01F 01F		Door List Door ED1 ED2 ED3	Port No. 01 01	Controller No. 000 000	Door No. 5 5	Output Point 08 09 10
Fire Group Code 0100007 0100007 0100007 0100007 0100007	Area Area 1 Area 1 Area 1 Area 1 Area 1	Floor 01F 01F 01F 01F		Door List Door ED1 ED2 ED3 ED4	Port No. 01 01 01 01 01	Controller No. 000 000 000 000	Door No. 5 5 5 5 5	Output Point 08 09 10 11

12) Click 'Add' button. Then registration screen about Fire Group is showed.



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Covo 🚺	Close								
oave 🔯	CIUSE								
Fire Point (Code)	r				a				
	0.000		Elser	-	J		Deut No.	Controllor	No. Jourd Dalet 8
ire Point Name (Name)	Area 1		01E	FIRE	001	2) 	PUT NO.	000	140. Inpot Point 1 05
Available Access Door Li	ist		- Witt	1.0.56	001	Selected	Access Door	List	
Area	Floor	Access Door			1	Area		Floor	Access Door
Area 1	01E	Door 1			-			1,1001	11.00000.0001
Area 1	01F	Door 2							
Area 1	01F	Door 3							
Area 1	01F	Door 4							
Area 1	01F	ED1							
Area 1	01F	ED2							
Area 1	01F	ED3							
Area 1	01F	ED4							
					>>				
					~~				

13) Select fire point to register wished Fire Group. If fire point has set, fire point code is automatically allocated.

lf	set	fire		point	(doesn	't	exist	t, yo	J	can't	Se	et l	Fire	Group
Fire	point	code	is	order	of	port	num	ber,	controlle	er n	umber	and	input	point	numbe
🅉 Fire	e Group Det	finition												$\overline{\mathbf{X}}$	
Save		😨 Clos	e	8									6		
1	Fire Point (C	ode) 01000	105	++ 1.			-								
Fire Poi	nt Name (Na	ame) FIRE -	001		_										
Availab	le Access D	oor List						Selected	I Access Door L	ist					
Area		Floor	ris 🗍	Access Door		1	1	Area		Floor	Access	Door	1		
Area	1	01F		Door 1											
Area	1	01F		Door 2											
Area	1	01F		Door 3											
Area		01F		EDI											
Area	1	01F		Door 4											
Area	1	01F		ED3											
Area	1	01F		ED4											
0.000000000							>>								
							<<								

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- 15) When you input fire point signal, you select access door wished to open. '><u>></u>' Add Group clicking'<<' Fire clicking button cancel button to or & Fire Group Definition Save Close 8 0 Fire Point (Code) 0100005 • Fire Point Name (Name) FIRE - 001 Available Access Door List Selected Access Door List Area Access Door Floor Access Door Floor Area Area 1 01F 01F Door 3 Area 1 Door 1 Area 1 Area 1 Area 1 Area 1 Area 1 Area 1 01F ED1 Area 1 01F Door 2 01F 01F ED2 Door 4 01F ED3 01F ED4 **>>** ~
- 16) Save selected access door clicking 'Save' button.
- 17) When signal occurs on fire point, set Fire Group access door will be open on fire point.

Transactio	in .											
ALARM S	STATUS	Ack	All 🔀 Ack Pa	dial Alarm	Ack	Alarm	Details	Unacknow	riedged Alarm D	ata		
2005-09-28	Time 03:11:34	Area Area 1	Floor Door	Reade	Name	Con	npany Depart	ment Status Fire	Card	N0.		
Output Sta	atus/Control						1500			×	1	
		Door	ľ.		Alarm Device	i	T	No	rmal Relay		Ì	
Lock (All)	Unio	ck (All) 🗾	Lock (Area)	Unlock (A	ea) 📴	Lock (Floor)	Unloc	k (Floor) 📷	Close	2		
Update Door	Status				Area Area:1			- Flo	or	-		
Area	Floor	Door	Status		-							
Area 1 Area 1 Area 1 Area 1	01F 01F 01F 01F	Door 1 Door 2 Door 3 Door 4	Door Close, Unlock Door Close, Unlock Door Close, Lock Door Close, Lock		Door 1	Door 2	Door 3	Door 4	ED1	E02		
Area 1 Area 1 Area 1 Area 1	01F 01F 01F 01F	ED1 ED2 ED3 ED4	Door Lock. Door Lock. Door Lock. Door Lock.		EDS	ED4					-	
												(
									2			
											-	
											_	

• Alarm Controller Arm/Disarm



Alarm Controller Arm/Disarm is function to set/release boundary signal connecting Alarm Controller. After entering set/release code (2 digit) using reader (-RFK101 etc.) which sends 8bit Burst signal, you can set/release boundary signal if card has been read.

When Alarm Controller Arm/Disarm sets, output operates according to set output. Although card make read all reader, output etc. don't operate. Arm/Disarm card is only read. If you don't use Alarm controller Arm/Disarm function, you can set general card

to disable <u>person</u>. If set card on disable card is read, exit can be open as well as set output time in input point definition separately.

- Controller Definition

You should do boundary set/release on connected controller with alarm controller. You actively set Alarm Controller Arm/Disarm function and then do Arm code (2 digit) and Disarm code (2 digit). If you don't set Alarm Controller Arm/Disarm function, general card can be used on disable person mode.

Start

Set up-> Controller Definition.

Alarm controller connected setting, Arm number, Disarm number setting

You	set	up	Alarm	Controller		Arm/Disarm	function.
You	set	up	Arm	code	and	Disarm	code.

- 1) Select controller wished to set on controller contents.
- 2) Click 'Modify' button.

Co	ntroller set up)						-
hd	2	Transmit	<u> </u>	dd 🧧	Modify 🧧	Delete	Close	8
nd								
	Port No.	1						
	Controller No.	3	-					
		7						
ř	Dort No.	COM Tuno	Controller blo	Morrow (ID)	Controller List	Ann Codo	Discom Codo	
1	01	TCP/IP Chain	000	5000	V V	11	22	
10								

 When connecting with alarm controller, you select Alarm Controller Arm/Disarm. If you select Alarm Controller Arm/Disarm, setting field of Use Arm/Disarm, Arm code and Disarm code will show.



Input usable 2 digits code on each mode. If card is read after pushing set code on keypad, Arm/Disarm will be activated.

When setting Arm/Disarm mode, set output generates on Input/Output Point Definition. Besides it processes not to access about being read card through reader until reading Arm/Disarm card.

Transmit	Covo		Close	
ransmit			2 C1056	
	04	_		
Port No.	01			
Unregistered Co	ntroller No. List	Registered Cor	troller No. List	
Controller No.	^	Controller No.	Controller Name	
000		000	01.000	
001				
002				
004		on t		
005		>>		
006	5 A.	26		
007				
008				
009				
008 009 010 011	~			
008 009 010 011		1. Ein-		
008 009 010 011	Controller Typ	e ITDC	T	
008 009 010 011	Controller Typ	e ITDC	3	
008 009 010 011	Controller Typ Door Typ	e ITDC e 4 Door	•	
008 009 010 011	Controller Typ Door Typ Controller Nam	e [ITDC e [4 Door e [01.000	• •	
009 009 010 011	Controller Typ Door Typ Controller Nam	e [ITDC e [4 Door e [01.000	•	
009 009 010 011	Controller Typ Door Typ Controller Nam D Memor	e [ITDC e 4 Door e [01.000 y 5000 **	Y Y	
009 009 010 011	Controller Typ Door Typ Controller Nam ID Memor Event Buffe	e [ITDC e 4 Door e [01.000 y 5000 * ar 27500	z z	_
009 010 011	Controller Typ Door Typ Controller Nam D Memor Event Buffe	e iTDC e 4 Door e 01.000 y 5000 er 27500	× *	
009 010 011	Controller Typ Door Typ Controller Nam ID Memor Event Buffe Use Arm/Disarr	e [TDC e [4 Door e [01.000 y 5000 rr [27500]	×	_
009 009 010 011 011	Controller Typ Door Typ Controller Nam ID Memor Event Buffe Use Arm/Disarr Arm Cod	e [TDC e 4 Door e 01.000 y 5000 rr 27500 n 77 e 11	¥ ¥	_1
009 010 011	Controller Typ Door Typ Controller Nam ID Memor Event Buffe Use Arm/Disarr Arm Cod	e [TDC e 4 Door e 01.000 y 5000 = - rr 27500 n 17 e 11 e 11	<u>-</u>	

- Input / Output Point Definition

When you set Alarm Controller Arm/Disarm, **Input / Output Point Definition** set output to operate. Classified by each reader of controller, you can set output according to Alarm Controller Arm/Disarm. For example, when you set Alarm Controller Arm/Disarm on number 1 reader, it makes output of number 2 and 4 operate.

Operation time setting is possible until 98 s from 01s.

Output of each reader doesn't operate on 00s and means infinite operation on 99s.

If Alarm Controller Arm/Disarm doesn't use, Input/Output Point Definition will be output about disable person.

Start

Set up -> Input/Output Definition -> Input Point Definition

Output Definition by Arm/Disarm Mode Definition

Set output to operate when setting Alarm Controller Arm/Disarm. If Alarm Controller Arm/Disarm hasn't been set, it would be output about disable person card.

1) Select Advance (Special ID) on Input/Output Point Definition contents.



Port No. Image: Controller No. Image: Controller No. Image: Controller No. Advance Definition (Reader 1) Advance Definition (Reader 2) Advance Definition (Reader 3) Advance Definition (Reader 4) Advance (Special D) Advance (Special D) Advance (Special D) Output 2(sec) Output 3(sec) Output 4(sec)	d	Tra 🔣	nsmit 📔	Modity Close					
Advance (Special D) Port No. Input Point No. Input Point Type Output 1(sec) Output 3(sec) Output 4(sec) Ou	Cor ormal D	Port No.	e Definition (Reade	r 1) Advance Definition (Reader 2)	Advance Definition	(Reader 3) Ad	vance Definition (Reader 4) Adva	ince (Specia
Port No. Input Point No. Input Point Type Output 1(sec) Output 2(sec) Output 3(sec) Output 4(sec) Output 4				Advance	e (Special ID)				ana ang sana ana ang sana ang
01 000 46: RP1 SPECUAL (D(Vaid Special ID) 00	Port P	o. Controller No	Input Point No.	Input Point Type	Output 1(sec)	Output 2(sec)	Output 3(sec)	Output 4(sec)	Output 5(s
01 000 47 RF2 SPECIAL (D(valid Special ID)) 00	01	000	46	RF1 SPECIAL ID(Valid Specall ID)	00	00	00	00	00
01 000 48 FF3 SPECUAL (D(Valid Special (D)) 00	01	000	47	RF2 SPECIAL ID(Valid Specal ID)	00	00	00	00	00
01 000 49 RF4 SPECIAL D(Volid Specal ID) 00 00 00 00 00 00 00	01	000	48	RF3 SPECIAL ID(Valid Specail ID)	00	00	00	00	00
	01	000	49	RF4 SPECIAL ID(Valid Specail ID)	00	00	00	00	00

2) After selecting part of wished output according to Alarm Controller Arm/Disarm setting, click 'Modify' button.

Example)

Input/Output Definition set up is window to set output at Arm/Disarm(Disable Person Mode) setting on 01 port and number 1 RF reader of 000 Controller.

ansmit	Save	Close			-
	Port No. 01				
Cor	ntroller No. 000				
)' second is no op	eration. '99' seconds is unlim	ted operation.			
Normal Definitio	in Advance (Reader 1)	Advance (Reader 2) Adv	ance (Reader 3) Advance (F	(eader 4) Advance (Special	D)
	Input Point No. 46		nput Type RF1 SPECIAL ID(Valid)	Specal D)	
-					
ITDC Board Output	Output 1(sec) 00	Output 2(sec) 00	Output 3(sec) 00	Output 4(sec) 00	
	00	Dutrut Scoop (TTL) 00	Output 7(sec) (TTL) 00		
C	output 5(sec) (TTL) 00	Julpur o(sec) (TTL) 199			
C	Dutput 5(sec) (TTL) 100	The sector of th			
EIO 8/8	Output 5(sec) (TTL) 00 TTL TTL Output 8(sec) 00 T	Output 9(sec) 00	Output 10(sec) 00	Output 11(sec) 00 💌	
EIO 8/8 Board Output	Output 5(sec) (TTL) 00 TTL Output 8(sec) 00 O	Output 9(sec) 00	TL Output 10(sec) 00 ▼	Output 11(sec) 00 💌	
EIO 8/8 Board Output	Output 5(sec) (TTL) 00 TTL Output 8(sec) 00 Output 12(sec) 00	Output 9(sec) 00	Output 10(sec) 00 Output 14(sec) 00	Output 11(sec) 00 💌 Output 15(sec) 00 💌	
EIO 8/8 Board Output	Output 5(sec) (TTL) 00 TTL Output 8(sec) 00 Output 12(sec) 00	Output 9(sec) [11] [12	Output 10(sec) 00 Output 14(sec) 00	Output 11(sec) 00 💌 Output 15(sec) 00 💌	
EIO 8/8 Board Output	Output 5(sec) (TTL) 00 TTL Output 8(sec) 00	Output 9(sec) [00] Output 13(sec) [00]	Output 10(sec) 00	Output 11(sec) 00 💌 Output 15(sec) 00 💌	

- Set Board Output to operate at Arm/Disarm (Disable Person Mode) setting. Do about each output. Setting about Operation second is possible from 01s to 98s. Output doesn't operate on 00s and operates infinitely on 99s.
- 4) Save data clicking 'Save' button.
- 5) Apply to controller clicking 'Transmit' button.



- Arm / Disarm Card , Disable Card Definition

Set card to operate Arm/Disarm Mode. If you set not to use Arm/Disarm Mode of controller, it will be set about disable person.

Start

Access Control -> Card Holder Management

Arm/Disarm Card Definition

Set card to definite Arm/Disarm Mode.

- Click 'Add' button on Card Holder List. 1)
- Input card information to definite Arm/Disarm Code. 2) (Re similar with Employee Card's registration)
- 3)

Card Holder					
nsmit	Save	Close	2		<u>@</u>
Employ	ee No. 00000	_			
	Name gimss				
Ca	rd No. 25500070				
Pas	sword ****				
			0%		
etail Information	Access Group Time	e & Attendance User Defin	ed Filed Card Option		
Card Option					
C Employ	ee Card				
Use a registe	registered card. Cardh red to door.	older place their card to read	der. Open the door if card	Ì	
C Manage	ement Card				
Use the manag	e management card fo ement card for guard, f	r guard. Since placing visito that door will open.	r card, if place the		
C Disable	d User Card				
Door w InputiO	III be opened during pr utput definition	e-defined time. Door open t	ime can be setup by		
Arm / D	isarm Card				
To activ alert m	ve alert mode enter seo ode, enter security nun	curity number of arm mode a nber of disarm mode and re	and read a card. To deac ad a card.	live	

- 5) Save data clicking 'Save' button.
- 6) Apply to controller clicking Transmit button.
- Arm / Disarm Card Operation
- 1) Arm: Read card after inputting setting code of Arm/Disarm Mode in Arm/Disarm setting reader (keypad reader usable of RFK101 etc.). According to Arm/Disarm setting, output operates and reader doesn't read other card except Disarm Card.
- 2) Disarm: Read card after inputting setting code of Arm/Disarm Mode in Arm/Disarm setting reader (keypad reader usable of RFK101 etc.). Arm Mode is released and output is operated according to setting. Reader reads all cards.

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% Caution: In case of Arm/Disarm Card, if you don't input Arm/Disarm code, card will be used as Employee Card.

o Transactio	0.0												X
EVENT S	TATUS												
Date	Time	Area	Floor	Door	Reader	Name	Company	Department	Status	Card No.		R	_
2005-09-26	03:35:12	Area 1	01F	Door 3	Reader 3	almas	TEAM GL	RD	Access Granted	25500070		12	
2005-08-26	03:35:12	Area 1	01F	Door 1	Reader 1	amos.	TEAM GL.	RD	Disarm	26580070	111		
2005-09-26	03:35:00	Area 1	01F	Door 1	Reader 1	gimes	TEAM GL.	RD	Am	25500070			
2005-09-28	03:34:57	Area 1	01F	Door1	Reader 1	aimss	TEAM GL	RD	Am	25500070			
2005-09-26	03:34:53	Area 1	01F	Door 1	Reader 1	gimss	TEAM GL	RD	Access Granted	25500070			
2005-09-26	03:34:51	Area 1	01F	Door 1	Reader 1	gimss	TEAM GL.	RD	Access Granted	25500070			

Disable Card Definition.

Set Disable Card to operate output by setting time.

- 1) Click 'Add' button on Card Holder List.
- 2) Input information about Disable Person. (Be similar with Employee Card Registration)
- 3) Select Card Option tab.
 - If you don't select Arm/Disarm Mode in controller setting, option button of Disable Person Card as shown below will show.

🖗 Card Holder							×
Transmit 🔡	Save	Close		8			0
Employee No.	00000						
Name	gimss						
Card No.	25500070						
Password							
			0%				
Detail Information Acce	ss Group Time & /	Attendance User	Defined Filed	Card Option			
Card Option							
C Employee Co	and .						
Employee Ca	ru						
registered to	door.	n piace their card t	reader. Open	une door il card			
C Management	Card						
Use the man managemen	agement card for gu t card for guard, that	ard. Since placing v door will open.	risitor card, if pl	ace the			
Disabled Use	er Card						
Door will be i inputiOutput	Jpened during pre-di definition.	efined time. Door o	pen time can b	e setup by			
C Arm / Disarm	Card						
To active ale alert mode, s	t mode enter securit nter security numbe	y number of arm m r of disarm mode a	ode and tead a nd read a card	i card. To deact	lve		

- 4) If you use registered card to Disable Person Card, you must select Disable Person Card.
- 5) Save data clicking 'Save' button.
- 6) Apply to controller clicking Transmit button.



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• Transaction	n:::												-0
EVENT S	TATUS												
Date	Time	Area	Floor	Door	Reader	Name	Company	Department	Status	Card No.	1		
2005-10-13	00:39:22	Area 1	01F	Door 2	Reader 2	gimss	TEAM GL.	RD	Disable User Mode	25500070			
2005-10-13	00:39:19	Area 1	01F	Door 2	Reader 2	gimss	TEAM GL	RD	Disable User Mode	25500070			
-> 2005-10-13	00:39:17	Area 1	01F	Door 2	Reader 2	gimss	TEAM GL	RD	Disable User Mode	25500070		1000	

Cardholder Management

- 2 Men Operation.
- Personal Tracking
- Guard Tour

o 2 Men Operation.

Register Management Card and Visitor Card to open access door when Management Card and VisitorCardarereadinthereader.If Management Card and Visitor Card is read in the reader, it can function to open access door.

Start

Access Control -> Card Holder Management

Management Card Registration

Register Management Card to use in 2Men Operation.

- 1) Click 'Add' button in Card Holder List.
- 2) Input information about Management Card of 2Men Operation Card Holder Management screen. (Be similar with Employee Card's registration)
- 3) Move to Card Option tab.



@ Card Holder	
Transmit 🔛 Save 🚺 Close 🚺	<u>(</u>
Employee No. 00000	
Name gimss	
Card No. 25500070	
Password man	
0%	
Detail Information Access Group Time & Attendance User Defined Filed Card Option	
Card Option	
C Employee Cord	
 Employee cang Una serietara di cardi Cardia Managera da carda come de cara de cardo d	
registered to door.	
C Management Card	
Use the management card for guard. Since placing visitor card, if place the management card for guard, that door will open.	
C Disabled User Card	
Door will be opened during pre-defined time. Door open time can be setup by Input/Output definition.	
🖉 Arm / Disarm Card	
To active alert mode enter security number of arm mode and read a card. To deactive alert mode, enter security number of disarm mode and read a card.	

4) Initial Card Option became Employee Card. Select 'Management Card' option to register 2Men Operation's Management Card.

🍯 Car	d Holder	×
Transm	it 🔛 Save 🔝 Close 🔝	<u>@</u>
	Employee No. 00000	
	Name gimss	
	Card No. 25500070	
	Password man	
	0%	
Detail	Information Access Group Time & Attendance User Defined Filed Card Option	
Ca	rd Option	
	C Excelation Octob	
	Use a registered to door.	
	Management Card	
	Use the management card for guard. Since placing visitor card, if place the management card for guard, that door will open.	
	C Disabled User Card	
	Door will be opened during pre-defined time. Door open time can be setup by Input/Output definition.	
	C Arm / Disarm Card	
	To active alert mode enter security number of arm mode and read a card. To deactive alert mode, enter security number of disarm mode and read a card.	

- 5) Save data clicking 'Save' button.
- 6) Transmit to controller clicking Transmit button.



Visitor Card Registration

Register Visitor Card to use in 2Men Operation.

- 1) Click Add button on Visitor List.
- 2) Input information about Visitor Card of 2Men Operation on Visitor Management screen. (Be similar with Employee Card.)
- 3) Move to Card Option tab.

🕉 Visitor Managemen	i i				
Transmit 🔡	Save	Close	8		•
Company	DTECK				
Name	Luis Kim				
Card No.	01756394				
			0%		
Detail Information 2M	en Operation				
- 2 Men Operation	Only tered card. Cardh registered to door + Management C	older place their card t r. ard	o reader. Open the		
Use the ma the manag	nagement card fo ement card for gua	r guard. Since placing ard, that door will open	visitor card, if place		

4) Initial Card Option became only Visitor Card. Select 'Visitor Card + Management Card' to use Visitor Card of 2Men Operation.



ransmit 🔝	Save 💽	Close	8		
Company)TECK				
Name	uis Kim				
Card No.	1756394				
			0%		
Detail Information 2Me	Operation				
2 Men Operation					
C Visitor Card	only				
Use a regis door if card	ared card. Cardholder pl agistered to door.	ace their card ti	o reader. Open the	9	
Visitor Card	Management Card				
Use the ma the manage	agement card for guard nent card for guard, that	Since placing door will open	visitor card, if plac	e	

- 5) Save data clicking 'Save' button.
- 6) Transmit to controller clicking 'Transmit' button.
- 2Men Operation
- 1) Make Management Card or Visitor Card read in the reader that is wished to access.



2) After Being read first 2Men Operation Card, Management Card or Visitor Card is read within 5s.



EVENT S	TATUS												
Date	Time	Ares	Floor	Door	Reader	Name	Company	Department	Status	Card No.	T		
 2005-09-26 2005-09-26 	03:29:59 03:29:58	Area 1 Area 1	01F 01F	Door 2 Door 2	Reader 2 Reader 2	kim gimiss	TEAM GL	RD	2Men - Visitor 2Men - Guard	01756394 25500070			
												모 단어가 없습니다.	x

3) If same card is read repeatedly or other card isn't read within 5s, alarm about Time Out will occur.

atei.	Time	Area	Floor	Door	Reader	Name	Company	Department	Status	Card No.	
2005-09-26 2005-09-26	03:30:52 03:30:33	Area 1 Area 1	01 F 01 F	Door 2 Door 2	Reader 2 Reader 2	kim gimes	TEAM GL.	RD	Access Denied 2Men - Time Out	01756394 25500070	

é Acces	s Event Status	Window 🔲 🗆 🔀
EVEN.	T STATUS V	VINDOW
Status		2Men - Time Out
		Name gimss
		Company TEAM GIMSS
A	9	Department RD
1/-1	MAN	Card No. 25500070
Date	2005-09-26	Time þ3:30:33
Area	Area 1	
Floor	01F	
Door	Door 2	
Reader	Reader 2	

• Personal Tracking

Personal Tracking monitors that access person has been stationed permanently.

Start

Set Up -> Personal Tracking Reader Definition

Personal Tracking Reader Definition



Set IN and OUT Reader List in appointed space for check-in management.

Can understand that check-in condition about read and entered access person through set reader by space's IN Reader. Check-out is processed about read and went out access person through set reader to space's OUT Reader.

1) Execute on the reader's registration about check-in management.

Personal	Tracking M	anagement Reader	Definition					X
Save		Close	8					
Available Rea	ider List				Selected IN F	Reader List		
Area	Floor	Access Door	Reader	6	Area	Floor	Access Door	Reader
Area 1	01F	Door 1	Reader 1	1				10
Area 1	01F	Door 2	Reader 2					
Area 1	01F	Door 3	Reader 3	C				
Area 1	01F	Door 4	Reader 4	>>	1			
				245 A				
				<<				
								1 141
					<		.0018	>
					Selected OU	T Reader Lis	ť.	
					- Ave.	Floor	Annen Deer	Deader
					Area	FIUUR	Access Door	Reager
				Therese				
				>>				
				-				
				<<				
<		1015	16		<		7000	

- 2) In Available Reader List, select IN Reader of space that has been wished to check-in management.
- 3) Select IN Reader List clicking '>>' button.



Personal	Tracking M	anagement Reader	Definition					
Save	2	Close	8					
Available Re	ader List				Selected IN R	Reader List		
Area	Floor	Access Door	Reader		Area	Floor	Access Door	Reader
Area 1	01F	Door 1	Reader 1		Area 1	01F	Door 2	Reader 2
Area 1	01F	Door 3	Reader 3					
Area 1	01F	Door 4	Reader 4		s.			
				\sim				
				Annana	-			
				<<	1			
					8			
					11		100	1 18
					Selected OUT	T Reader Lis	t	
					Area	Floor	Access Door	Reader
				Transa.	i.			
				>>	1			
				~~				
1								
K-X				10	-			
S		uit.		>	<		2.000	>

4) In Available Reader List, select Out Reader of space that has been wished check-in management.

Bave	S	Close	8					
Available Rea	ader List				Selected IN R	eader List		
Area	Floor	Access Door	Reader	1	Area	Floor	Access Door	Reader
Area 1 Area 1	01F 01F	Door 1 Door 3	Reader 1 Reader 3	× «	Area 1	01F	Door 2	Reader 2
					Selected OUT	Reader Lis		1 [3
					Selected OUT	Reader Lis	t Access Door	Reader
					Selected OUT Area Area 1	Floor 01F	t Access Door Door 4	Reader Reader 4



Personal Tracking Report

Finds/Printspersonaltrackingreportduringcheck-in.Do leaving process about incorrect data too.

1) Report -> Personal Tracking Report



2) Click 'Find' button after you select Find Condition. And then it shows personal tracking report, final area and time during check-in.

Personal Tracking	Report						
Find Condition							
 All Card Holders Visitors 		Area Floor Door	× ×	Company Department Name Card No:		Fini Prin Clo	d 💽 It Se
				0%			
Area	Floor	Door	Company	Department	Name	Date	Time
Area 1	01F	Door 1	TEAM GIMSS	RD	gimss	2005-09-24	00:51:32
🚺 Area 1	01F	Door 1			kim	2005-09-24	00:20:09
					Ż		
							<u></u>
Delete		8					



3) If	you	want	to	print	about	Personal	Tracking	Report,	you	must	click	'Print'	button.
	🖗 Perso	nal Tracking	g Report										
	-Find Co	ndition											
	(Al			Are	ea 🗌	<u>×</u>	Company		*	Find			
	C Car	d Holders		Flo	or	•	Department		-	Print			
	C Visi	tors		Do	or	<u> </u>	Name			- California			
							Card No.			Close		8	
	1						0%						
	Er	int 🖸 🕯			100 %	· * + 1/1	G Back 🕑 F	griviard Export to Ex	cel Export	to HTML Expor	t to PDF		
			1 1 1 2		4 • 1 • 5 • 1 • 6	.1.7.1.8.1.9	10 11 12 .	1 - 13 - 1 - 14 - 1 - 1	5 • 1 • 16 • 1	+17 + 1 + 18 + 1	19 1 20	-	
		17									- Ale		
	-												
	12		2										
	1		Ac	cess	Pers	sonal Track	ing Report						
	1												
	1 É												
	3										-		
			A	rea 1	01F	Doc	or 1						
	4		Card N o.	С	ompany	Department	Name	D	ate	Time			
	5	0	01756394	TEA	MOMES	PD	kim	2005	-09-24	00:20:09			
	÷	, start and start an		102	um 01m 35	ND.	ginas	2003	-03-24 'atal	00.01.02			
	6								Sum	2			
	12								zann	2	-		
	<i>.</i>												
												•	
	1 4											. P	

4) If incorrect results come out real check-in condition differently, you can manage forcibly leaving process. You do leaving process selecting incorrect data and clicking 'Yes' button about inquiry that "Delete the data you select?"

All Area Company Find Floor Door Department Print Card Holders Oor Card No. Close Area Floor Door Company Edited and the second	ind Condition							
Floor Department Print Otstors Door Ormany Department Print Area Floor Door Company Department Name Area 1 OTF Door 1 Kim 2005-09-24 00:20:09 Area 1 OTF Door 1 TEAM GIMSS RD gimes 2005-09-24 00:51:32	G All		Area		Company		▼ Find	l
Card Holders Door Name Film Close Close Close OX Area 1 Off Door 1 Area 1 Off Door 1 Bane Close OX Area 1 Off Door 1 Bane Close OX Area 1 Off Door 1 Rea 1 Off Door 1 Film Close OX OY OY <	C constitutions		Floor	•	Department		• Dein	
Card No. Close 0% Area 1 01F Door 1 Area 1 01F Door 1 TEAM GMISS RD gmss 2005-09-24 00:51:32	Card Holders		Door		Name			
Area Floor Door Company Department Name Date Time Area 1 01F Door 1 tim 2005-08-24 00.20.09 Area 1 01F Door 1 TEAM GMSS RD gimss 2005-09-24 00.51.32	(Visitors				Card No.	1	Clos	3e
Area Floor Door Company Department Name Date Time Area 1 01F Door 1 tim 2005-09-24 00.20.09 Area 1 01F Door 1 TEAM GMSS RD gimes 2005-09-24 00.51:32					0%			
Area 1 01F Door 1 TEAM GIMSS RD gimss 2005-09-24 00:20:09 Area 1 01F Door 1 TEAM GIMSS RD gimss 2005-09-24 00:51:32	Area	Floor	Door	Company	Department	Name	Date	Time
Area 1 01F Door 1 TEAM GIMSS RD gimss 2005-09-24 00:51:32	Area 1	01F	Door 1	1		kim	2005-09-24	00.00.00
Personal Tracking Report Delete the data you select Image: Yes(Y)	Area 1	015				Contract of the second s	2003-03-24	00:20:09
Ves(Y) XINO(W)		UIF	Door 1	TEAM GMSS	RD	gines rsonal Tracking Repc	2005-09-24 2005-09-24	00:51:32
		017	Door 1	TEAM GIMSS	RD	gimes rsonal Tracking Repo Delete the data you so	2005-09-24	00:51:32
		UIF	Door 1	TEAM GIMSS	RD	gimes rsonal Tracking Repo Delete the data you s Ves(Y)	2005-09-24	00:51:32
		UIF	Door 1	TEAM GIMSS	RD	gimes rsonal Tracking Repo Delete the data you s Query Yes(Y)	2005-09-24	00:51:32
		UIF	Door 1	TEAM GIMSS	RD	gimes rsonal Tracking Repo Delete the data you s Ves(Y)	2005-09-24	00:2009



Register/Manage card, area and time of Guard Tour.

Manage result according to Guard Tour.

Start

Access Control -> Guard Tour

Guard Tour Definition

Set employee, course and time etc. for guard tour.

1) Access Control -> Guard Tour -> Guard Tour Definition

Find Add Modify Delete Close Find Condition Guard Tour Code Guard Tour Code Image: Close Image: Close Guard Tour Code Image: Close Guard Tour Name Image: Close Guard Tour Name Image: Close Guard Tour List Image: Close Guard Tour List Image: Close Card No. Name Company Department Title Access Type Researcher Image: Close	Add Modify Operation Code Close Close Close Close Courd Tour Code Courd Tour Code Courd Tour Name Selected Cloard List Card No. Name Company Department Title Access Type Remark 01756384 kim 25500070 gimss TEAM GMSS RD Researcher	
Find Condition Guard Tour Code Guard Tour Name Guard Tour Name Guard Tour Name Selected Guard List Card No. Name Company Department Title Access Type Remark 01756334 Xim 01756334 Z5500070 ginss TEAM GMSS RD	d Condition Guard Tour Code Guard Tour Name Tel List Card No. Name Company Department Title Access Type Remark 01756394 km Researcher Card No. Researcher	8
Guard Tour Code Image: Control of Co	Guard Tour Name wrd List Guard Tour List Card No. Name Company Department Title Access Type Remark 0175634 km 25500070 gimss TEAM GMSS RD Researcher	
Guard Tour Name Guard Tour Name Selected Guard List Card No. Name Company Department Title Access Type Remark 01756394 kim Image: Company I	Ouerd Tour Nene	
Guard List Guard Tour List Card No. Name Company Department Title Access Type Remark 01756394 kim 1 1 1 1 1 1 25500070 gimss TEAM GMSS RD Researcher 1	Ard List Guard Tour List Selected Guard List Company Department Title Access Type Remark 01756334 km Researcher S500070 gimss TEAM GMSS RD Researcher	
Selected Guard List Card No. Name Company Department Title Access Type Remark 01756334 kim TEAM GIMSS RD Researcher Researcher	Selected Guard List Card No. Name Company Department Title Access Type Remark 01756394 kim	
Card No. Name Company Department Title Access Type Remark 01756334 kim Researcher	Card No. Name Company Department Title Access Type Remark 01756334 kim <t< td=""><td></td></t<>	
Card No. Name Company Department Ittle Access type Remark 01756394 kim Ittle Access type Remark 25500070 gimss TEAM GIMSS RD Researcher	Cart No. Name Company Department Inte Access type Remark 01756334 km Inte Access type Remark Inte Access type Remark 25500070 gimss TEAM GMSS RD Researcher Inte Access type Remark	
25500070 gimss TEAM GIMSS RD Researcher	OT Sold - Min TEAM GIMSS RD Researcher	

- 2) Select Guard List tab on Guard Tour List. Click 'Add' button to register employee for guard tour.
- 3) Select employee for guard tour among registered access persons. Add employee for guard tour clicking 'Add' button in Guard Tour List.



ard Definition Guard		Bod I					
ard Definition Guard	Tour Definition						
earch Condition						10 c	
Company 🗌		Employ	ee No.	S	ort By	.▼ Find	0
Department	•]	Name	Sort	Order	• I III U	
Access Type] Ca	rd No.				
		M	Card Ho	lder List			
Employee No.	Name	Card No.	Company	Department	Title	Access Type	Gend
000	000	12345678					Į.
00000	gimss	25500070	TEAM GIMSS	RD		Researcher	
Card No. Na	ame Cor	mpany	Department	Title	Access Type	Remark	
1756394 kir	n		1		- I associate a state of the second		
5500070 gir	nss TEA	AM GIMSS	RD		Researcher		

- 4) Close to register employee for Guard Definition clicking 'Save' button.
- 5) Select Guard Tour List tab on Guard Tour List window. Click 'Add' button to register course and time for guard tour.

d Cond Gua Gua ard List	dition ard Tour Code and Tour Name				E OTOTO		Close	1.23
Gua Gua ard List	ard Tour Code				<u></u>			
Gua Gua ard List	ard Tour Code ard Tour Name							
Gua ard List	ard Tour Name			<u> </u>				
rd List	Quard Tour List							
aru List								
	Guard Tour Eist							
				Guard Tour List				
	Guard Tour Code		Guard Tour Name	Sequenced Gua	rd Tour			
001		1st Gua	ard Tour	V				
Ord	lor Area	Eleor	Check Door	Check Reader	Check Point	Check Time (hbunm)	(a) (bb:mm)	() (bb:mm)
1	Area 1	1001	CHECK DOUL	Crieck Reduer	CHOCK FOIL	CHECK TIME (TILLINIT)	(+) (currund)	
	Long the second s	01E	1000013	Reader 1		04:00	00:03	00:03
2	Area 1	01F	Door 1 Door 2	Reader 1 Reader 2		04:00	00:03	00:03
2	Area 1 Area 1	01F 01F 01F	Door 2 Door 3	Reader 1 Reader 2 Reader 3		04:00 04:10 04:20	00:03 00:03 00:03	00:03

- 6) Select Guard Tour List tab on Guard Tour List window.
- 7) Input Guard Tour Code and Guard Tour Name.



8) If order is appointed, option that 'Sequenced Guard Tour' will be selected. If you check option that 'Sequenced Guard Tour', you can appoint 'Check Time'. And employee for guard tour should progress patrol fitting Check Time.

8-1) In case of 'Sequenced Guard Tour', Set 'Tour Time'. Set 'Tolerance for Early Arrival' and 'Tolerance for Late Arrival'.

For standard 'Tolerance for Early Arrival', Guard Tour Employee patrols more early than 'Tolerance for Early Arrival'.

For standard 'Tolerance for Late Arrival', Guard Tour Employee patrols more late than 'Tolerance for Late Arrival'.

9) After selecting 'Selected Check Point', register Area for Guard Tour clicking '->' button.

🖇 Guard To	ur Definition												X
Save	1	Close	8										?
Guard Definiti	on Guard Tour	Definition											
6	Jard Tour Code	. [001		-									
Gu	ard Tour Name	P 1st Guard Tour		=									
Sequen	ed Guard Tou	r 🔽											
Tour Time				q	olorta	ud Check Poi	nt						¥
rour nine				— Ĕ	sea	Area	Floor	Door	Reader	Time	(+)	6	F
		Tour Time 04		-	1	Area 1	01E	Door 1	Reader 1	04:00	00:03	00:03	-
	Tolerance for	Early Arrival	03 🕂		2	Area 1	01F	Door 2	Reader 2	04:10	00:03	00:03	
	Tolerance for	Late Arrival	03 ÷		3	Area 1	01F	Door 3	Reader 3	04:20	00:03	00:03	
			استعلمها		4	Area 1	01F	Door 4	Reader 4	04:30	00:03	00:03	
Available Ch	eck Point												
Area	Floor	Door	Reader	€									

- 10) Save data clicking 'Save' button.
- Guard Tour Status

Use at real guard tour. Can start a guard tour and can see a guard tour list.

1) Access Control -> Guard Tour -> Guard Tour Status



STARWATCH ITDC PRO I™

ard Tour D Gu Gu Sequenc <u>ected Che</u>	Definition Guard Tou uard Tour Code 001 Jard Tour Name Tst G ced Guard Tour I 7 eck Point	ır Status uard Tour		I			CI	ose	8
ard Tour E Gu Gu: Sequenc <u>ected Che</u>	Definition Guard Tou uard Tour Code 0001 Jard Tour Name 1st G ced Guard Tour 🔽 eck Point	ır Status uard Tour		•					
Gu Gu Sequenc ected Che	uard Tour Code 001 Jard Tour Name 1st G ced Guard Tour 🔽 eck Point	uard Tour		-					
Gu Sequenc <u>ected Che</u>	uard Tour Name 1st G ced Guard Tour 🔽 eck Point	uard Tour							
Sequenc ected Che	ced Guard Tour 🔽			-					
ected Che	eck Point								
eq.	Area	Floor	Door		Reader	Time	(+)	(-)	
	Area 1	01F	Door 1		Reader 1	04:00	00:03	00:03	
	Area 1	01F	Door 2		Reader 2	04:10	00:03	00:03	
	Area 1	01F	Door 3		Reader 3	04:20	00:03	00:03	
	Area 1	01F	Door 4		Reader 4	04:30	00:03	00:03	
ard List ard No.	Name	Company		Department	Title	Access Tv	ne R	emark	L
756394	kim	t and the second					1000		1
500070	gimss	TEAM GIM	SS	RD		Researche	er		Guard Tour
				11		11			
ard Tour S	Start 🔯								

- 2) Select 'Guard Tour Code' that you wish to guard tour.
- 3) Select 'Guard Tour Name'.
- 4) Start clicking 'start a guard tour'. Selected person as guard tour employee makes card read in the reader which is selected as area for guard tour.

Guard Tour Sta	aus										
									Close	1	8
Guard Tour Defini	tion Gu	ard Tour Status	1								
ouring List	sea	Guard	Last	Check Po	int	Last Cherk Time	Result	Next Check Poir	1	Next C	19-24 11:0
1st Guard Tour	V V	gimss	Lust	ONDURT D	n n.	Lastoneen fille	nesur	Door 1-Reader		04:00	And Cit Hills
Complete		Cancel		8		5 Guard Tour 🔀					
Detail Touring List	ι,					Start a guard tour.		-	,		
Guard Tour	Guard	i A	rea	Floor	Door		Check Time	Tour Time	(+)	(-)	Result
1 st Guard Tour	gimss	A A	rea 1	01F	Door 1	0K(<u>K</u>)	-	04:00	00:03	00:03	Uncheck
1 st Guard Tour	gimss	A A	rea 1 rea 1	015	Door 2		3	04:10	00:03	00:03	Uncheck
1st Guard Tour	gims	A A	rea 1 rea 1	01F	Door 4	Reader 4		04:20	00:03	00:03	Uncheck

5) If Guard Tour Employee patrols, Touring List and Detail Touring List will show on the screen.



										Close		2
										- and the second		
uard Tour Definit	ion Gu	ard Tour Status										
urina List										20	05-0	9-24 11
Suard Tour	seq.	Guard	Last Check Point		Last Check Time		Result	Next Check Poin	Next Check Time			
st Guard Tour	V	kim	Door 1-Reader 1		2005-09-24 00:20		Early Check	Door 2-Reader 1	04:10			
nd Guard Tour		gimss		Door 4-Reader 4		2005-09-24 00:20		Check				
omniete		Cancel		9								
ompiete				<u></u>								
etail Touring List	1					l'environ			1	1	N	
Guard Tour	Guard	d Are	a F	loor	Door	Reade	ir	Check Time	Tour Time	(+)	(-)	Result
2nd Guard Tour	gims	B Are	a1 0	ITF	Door 1	Reade	er 1		00:00	00:00	00:00	Uncheck
2nd Guard Tour	gims	B Are	a1 U	ITE ME	Door 2	Reade	r Z	2005-09-24 00:19	00:00	00:00	00:00	Uneck
2nd Guard Tour	gims	s Are	ai U o1 0	15	Door 4	Reade	13	2005.00.24.00.20	00.00	00.00	00.00	Check
and Odard Todi	ginto	o//i G	ai 0	urs.	00014	iveaue	1.4	2003-03-24 00.20		00.00	00.00	OTHERN

- 6) If you cancel guard tour, you must select 'Guard Tour' wished to cancel in Detail Touring List. Cancel 'Guard Tour' clicking 'Cancel' button. Canceled Detail Touring List was not recorded.
- 7) If guard tour is completed, you must select guard tour that is wished to complete in Detail Touring List. Complete guard tour clicking 'Close' button. Completed detail touring list can be confirmed in Guard Tour Report.
 - * Caution : If registered card for guard tour employee don't try 'start a guard tour',

it will be used as Employee Card. Only try to 'start a guard tour', it is recognized as guard tour.

	TATUS											
Date	Time	Area	Floor	Door	Reader	Name	Company	Department	Status	Card No.		
2005-09-24	00.20.09	Area 1	01F	Door 1	Reader 1	kim			Guard Tour	01756394		
2005-09-24	00:20:05	Area 1	01F	Door 4	Reader 4	kim:			Guard Tour	01756394		
2005-09-24	00.20.04	Area 1	01F	Door 2	Reader 2	kim			Guard Tour	01756394		
2005-09-24	00.20.00	Area 1	D1F	Door 4	Reader 4	gimss	TEAM OL.	RD.	Guard Tour	25500070		
2005-09-24	00.19.59	Area 1	015	Door 2	Reader 2	gimes	TEAM GI	RD	Guard Tour	25500070		
2005-09-24	00.19.04	Area 1	01F	Door 2	Reader 2	gimss	TEAM OI	RD	Access Granted	25500070		
2005-09-24	00.19.03	Area 1	01F	Door 2	Reader 2	gimss	TEAM OL.	RD	Access Oranted	25500070		
2005-09-24	00:15:49	Area 1	D1F	Door 1	Reader 1	gimss	TEAM GI	RD	Guard Tour	25500070		
2005-09-24	00:15:42	Atea 1	01F	Door 4	Reader 4	gimss.	TEAM OL.	RD	Guard Tour	25500070		
2005-09-24	00:15:29	Area 1	01F	Door 2	Reader 2	gimes	TEAM GB	RD	Guard Tour	25500070		

Guard Tour Report

Find about completed guard tour report

- 1) Select Report -> Guard Tour Report.
- 2) Select 'Find Condition'. That is Date(From), Date(To), Guard Tour Code and Guard Tour Name etc.



3) Print 'Guard Touring Report' clicking 'Print' button.



