Compass 2.0 User's Guide

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Honeywell

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Honeywell Security and Custom Electronics 2 Corporate Center Drive Melville, NY, 11747, USA 1-516-921-6704

About This Document

Revision Notes

The following list provides notes concerning all revisions of this document.

References

Doc ID	Rel ID	Date	Notes
None	DRAFT	Aug 2005	Draft version of Compass 2.0 User Guide
	Rel 2.0	Nov 2008	Version 2.0 of Compass 2.0 User Guide
		September 2009	Updates to the Compass 2.0 User's Guide
		July 2010	Updated the user guide with features of 2.0.14

The following list identifies all documents that may be sources of reference for material discussed in this publication.

Document Title	Doc ID
Compass Downloading Software (16-bit) User Guide	None

Contacts

World Wide Web

The following Honeywell web sites may be of interest to Industry Solutions customers.

Honeywell Organization	WWW Address (URL)
Corporate	http://www.honeywell.com
Security & Custom Electronics	http://www.security.honeywell.com/
International	http://content.honeywell.com/global/

Telephone

Contact us by telephone at the numbers listed below.

	Organization	Phone Number	
Canada	Honeywell Security and Custom Electronics, Canada	905-856-2384 or 1-800-259-9182	_
Latin America	Honeywell Security International Latin American and Caribbean Division	1-305-805-8188	

Asia Pacific	Honeywell Asia Pacific Inc. Hong Kong	+852-2405-2323
Europe	Honeywell Security The Netherlands	+31 299 410 200

For more contact information see http://www.security.honeywell.com/international

Technical Support

For any technical assistance related to Compass 2.0 please address your queries to compass.support@honeywell.com

Symbol Definitions

document.

The following table lists those symbols used in this document to denote certain conditions.

Symbol	Definition
	ATTENTION: Identifies information that requires special consideration.
	TIP: Identifies advice or hints for the user, often in terms of performing a task.
$\textcircled{\diamond}$	REFERENCE-EXTERNAL: Identifies an additional source of information outside of this document.
F	REFERENCE- INTERNAL: Identifies an additional source of information within this

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Guide Structure

This guide describes the tasks that you can perform using the Compass Downloader tool. The chapters in the guide are arranged in an order that helps you get familiarized with the application quickly.

The guide is divided into ten chapters:

- Chapters 1 and 2 include the basic information about the Compass Downloader, such as key features, the Downloader menu structure, and Downloader installation.
- Chapters 3 and 4 take you through the Downloader setup and cover those tasks that need to be performed only once, such as the modem setup.
- Chapters 5 through 8 cover the activities performed using the Downloader. These chapters include adding and modifying customer accounts, communicating with the panel and Central Station, and a listing of on-line commands and their descriptions.
- Chapter 9 describes database management utility.
- Chapter 10 gives an overview and description of the new features in Compass 2.0.
- Appendix A describes error conditions, including troubleshooting.

1. Introduction

1.1 Compass 2.0 Overview

Compass 2.0 provides you with the tools you need to program and control an alarm system remotely from the comfort of your office. You can download and upload alarm control information, compare the uploaded and saved information, and view the results on screen or as a printed report.

Using Compass 2.0, you can program an alarm system at the office prior to installation, or can download the programmed information from a remote location, or at the job site using a laptop. You can download from a remote location through telephone lines, through IP, or through GSM.



Compass 2.0 System supports both Compass 16 and Compass 2.0 accounts.

Downloader Program Structure

Compass 2.0 consists of three main programs, namely the **Shell**, the **Panel Application**, and the **Communication Server**.

When you start the software, the logo is displayed first, and then the Log In screen is displayed. After you enter a valid Operator name and password, the Compass "Shell" screen is displayed.



REFERENCE- INTERNAL

For more details on Log on and Log off, refer to **2.3 Logging On** and **2.4 Logging Off**.

mpass 2.0 Window e Options Tools M		[Customers]							
tomers		Modems	L Unatte	ended Exit		MASTER 11/28/2008			-
				Search					
				Revi #	Acct # Begins	with			Search
• CustomerList								A	I Accounts
Unattended Jobs				Panel					
Mass Download J	sqc			< All >		Revs So	rt By: 1 - Ro	vr - Acct #	
1					Go Page	1 Of 2	164	8	>> >>I
Revr - Acct II	Last Name	First Name	Zip Code	Business	Panel Name	Panel Phone	User_Defi	ned_Field1	Iser_Define
001111-2211					Vista128B-3	8112			
0896-D456					Vista20SE-12	8024			
IOPSIA-1111234567	· · · · · · · · · · · · · · · · · · ·				FA130CPSIA-2	8155			
11-2323				-	DISABLED	8116	_		
1111-1111 1111-1234			-		Destiny6100-1 ReadyGuardB-13	1234	_		
111111-111			-		Vista250BP-1	004004	-		
1112-2222	lakshmi	sriniyas	-		FA168CPSSIA-3	0200	-		
12-1234567890	Idkarilli	\$100405	-	-	DISABLED	0300	-		
1212-123			1		DISABLED			-	
12321-3213	1			1	DISABLED	8099			
1234-1234					RgdR-2SIA-17				
123456-1234			1		Vista128B-3	8112			
1245-1234					4110XM-7		-12		
15717-123				1	Vista128B-3	8112			
20-1111			-		Vista20-5		-		
	None						rd 11 of 1024		•
Last Communication: Panel Options						Customer 0	ptions		

Figure 1-1 Compass 2.0 Shell

From the Shell, you can access program-wide options, such as Logout and Exit, Station Data, and Operator Setup. You can also configure Customer Accounts.

From the Customer Accounts list, you can access the customer account's Alarm Control Panel configuration.

From the Panel Edit screen, you can go to the Communications Program, connect to a customer's alarm control panel, and execute commands on-line. You can perform activities such as arming or disarming the panel; programming the panel configuration (downloading); or uploading configuration and settings that were programmed to the panel.

1.2 System / Software Requirements

System Attribute	Minimum	Recommended
Processor	256 MB RAM	512 MB RAM
Disk Space (Free)	1 GB	>1 GB
Monitor Resolution	800 X 600	1024 X 768

Application	Version
Operating System	Windows 2000-SP4
	 Windows XP SP3 - Home Premium, Professonal and Ultimate
	 Windows 2003 SP2 - Small business server and Standard edition
	 Windows Vista SP2 - Home Basic, Home Preminum, Business & Ultimate
	 Windows 7- Home Preminum, Professional & Ultimate
	Note: Not all panels are supported in windows Vista and Windows 7 OS. To view the list of panels supported by MS Vista or Windows 7 OS, Please refer to release notes.
Database	MS SQL Server 2000 ,MS SQL Serve 2005, MS SQL Express 2005
	Note:
	 MSSQL Express is installed in the following scenarios:
	 If MSSQL Express is not installed, the setup installs MS SQL Express with Compass 2.0 as the instance name.
	 If MSSQL Express is installed with different instance name, the setup gives you the option to install the Compass 2.0 instance name or us the existing instance.
	 If SQL Express is already installed with compass 2.0 as the instance name, the setup uses the existing instance.
	 Windows 95, Windows 98 and Windows NT Operating systems ar no longer supported by Compass2
	 MS SQL MSDE and MS Access database are no longer supported by Compass 2.0.
	 Do not delete the Compass folder from the computer to remove Compass 2.0. This may corrupt the registry.
Microsoft Internet Explorer	• 5.5 or above

Compass 2.0 does not support simultaneous windows user sessions:

Scenario#1: Compass may not work, If a user tries to login when another active session is open on the same computer.

Scenario#2: Multiple user sessions across the network is not possible on a server based operating system such as Windows 2000 or Windows 2008 server environments



ATTENTION

Windows 95, Windows 98, Windows NT, SQL MSDE database, and access database are no longer supported by Compass 2.0.

1.3 Viewing Product and System Information

The Help menu of Compass 2.0 Shell provides an "About" box, which provides the product version number, installation information, and operator information.



Figure 1-2 Product, Installation, and Operator Information

Information	Description
Product Version	Details regarding the product
Compass 2.0 Version	Current version of Compass Build
Database Version	Current version of Database
Installation Information	Details regarding installation paths
Installation Type	Gives the type of Compass 2.0 installation as Server or Client
SQL Database Name	Database name in the SQL Server to which Compass is connected to.

SQL Server Name	SQL Server Name to which Compass is connected to.
Path of Executables	Gives the location of the executables on the system
Operator Information	Details regarding the operator
Operator Name	Gives the login name of the operator

Click System Info in the About box to view the system information details.



Figure 1-3 System Information

1.4 Viewing a List of Panels Supported by Compass 2.0

To view the list of panels supported by Compass 2.0, perform the following steps:

Step		Action	
1	Click the Unattended icon in the Co	ompass Windows Toolbar	<u>.</u>
	The Launch Unattended Server dia	log box is displayed.	
	Launch Unattended Serv	er	
	Launch Unattended Server		
	G Tomo	ass 2.0	
	ie jeanp	000 2.05	
	C Comp	ass 16	
			-
	<u>D</u> K	Cancel <u>H</u> elp	
2	Click Help .		
	Compass 2.0 Windows Download	er window is displayed.	
G. Con	npass 2.0 Windows Downloader		
	 Compass 2.0 unattended server shall pick th panels. Similarly Compass-16 unattended serve are Compass 2.0 application may fail to handle th In case of unsolicited mode, use seperate ph 	r shall pick the scheduled job fo ne incoming call from an unsupp	r panels, which orted panels.
List	of Panels supported by Compass 2.0 :	List of Panels suppo Compass 1	
	4110DL-1 4110DL-4 4110DL-5 4110DL-6 4110DL-6 4110DL-7 4110C-7 4110C-7 4110C-7 4110C-7	4110-1 4120EC-1+ 4120XM-1 4140XMP-1 4140XMP-4 4140XMP-5+ 4140XMP5+	
2	4110XM-5 4110XM-6 4110XM-7 5110XM-1 Destiny6100-1 Lynx-1	4140XMPT2-14 4140XMPT-5 4140XMPT-6 4140XMPV-1 5120XM-1 5140XM-11	T

3 Scroll down the list to view the panels supported by Compass 2.0 and the panels supported by Compass 16.

<u>∎</u>K

1.5 Getting Product Updates

You can acquire any future updates through Honeywell directly, or download them from our Internet site:

http://www.security.honeywell.com/hsce/

Latest Build and Patch Information

Ademco: Build 1.5.8.0 and last released update Patch – e.g 1.5.8.54 or later.

2. Communications Setup

2.1 Setting up Downloader Communications

To set up communication with different protocols, you must set up a modem for each protocol in the Communication Setup screen.

The list of modems supported in Compass 2.0 for each protocol can be viewed in the Standard Modems pane of the **Communication Settings** dialog box.

		unication port for Compass 2.0 supported panels mpass 16 Communication/Unattended Server UI.
Select Company		
Ademco/First Alert	•	
Modem Settings		
Select COM ports COM	1 💌	Configure COM ports
Standard Modems		Custom Modems :
<none)< th=""><th>4</th><th>1</th></none)<>	4	1
Ademco CIA 2400 Hayes Accura 144 V4.0		23
Hayes Optima 336 Exter		4
Hayes Optima SMARTM Hayes Smartmodem 120		5
Harras Paradara dara 190	in - charl 😤	15 3
V(aw -		Add Ed Deele Deele all
P Truch True	Dial Out Prefix	
🕅 Speaker Un	and the second	
	Modern Volume	

Figure 3-1 Communication Settings

2.2 Setting up the Modem

To set up the modem, click Moderne on the Compass Shell toolbar or click **File> Communication Setup** in the **Compass Communications** screen.

The Communication Settings (Figure 3-1) dialog box is displayed.

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The modem is set up as follows:

Parameter	Description
Select Company	From the list of companies, select the name of the company whose panel you are using. If FBII is selected, the Interface needs to be configured accordingly.
	REFERENCE- INTERNAL: For more information on configuring FBII refer to FBII F7702 Interface.
Modem Settings	
Select COM Ports	Select the option, 'List all COM Ports including virtua ports", to view all the virtual comports along with the physical comports available in the system.
	The available COM ports will be displayed in the dro down "Select COM Port for Compass" Select COM Ports
	Select COM Port for Compass :
	List all COM ports including
	virtual ports COM1
	virtual ports
	If the CDM port you wish to use is not there in the above list
	If the CDM port you wish to use is not there in the above list then check List all CDM ports
	If the CDM port you wish to use is not there in the above list then check List all CDM ports

standard modems are displayed. To view details of the modem, select the modem and click **View**.

The View Modem Properties Dialog box is displayed.

View Modem Properties	×
Modem:	
Ademco CIA 2400 For Compa	\$\$ 32
AT Commands	1
AT Commands 1	Reset Command
AT Commands 2 57=11	0 S10=189. Max Command Length 300
AT Commands 3 800 80	intelliserinteria congrit
AT Commands 4	
Support	
Caller ID Command	E F7702 Required
Custom Modem	To add a new modem that is not in the list, click Add . The Add/Edit Modem screen is displayed. Configure it as detailed in the section Adding Modems .
Dial Out Prefix	It is a unique number used for identifying the panel from which the call comes.
Fouch Tone	Select this, if you prefer touch tone dialing. The default type is Rotary, or pulse dialing.
Speaker On	Select this, if you want the speaker on.
Off After Connect	Select this, to turn off speaker after connecting.
Modem Volume	Set modem volume. Select High, Medium, or Low, from the drop-down list.
TCP/IP Port Settings	Click to configure TCP/IP port. The configure TCP/IP port dialog is displayed.

Configure TCPIP Port		×
Select TCPIP Port for Compass		
TCPIP 1	▲dn Delete	
Internet / Intranet Controller		
IP Address 201 . 120	0.88.99	
AlarmNeti Website	r alammer com <u>Ok</u> <u>C</u> ancel	
TCP IP Port	Select the TCP IP Ports. To add more ports, click A To remove ports, click Delete .	dd.
Internet/Intranet Controller	Type the IPAddress of the Control Server of the customer location.	
	While communicating over the Internet through Alarmnet, enter the AlarmNet-i Website address/U where the Control Server is running, as shown in the display (this is set to a default value of "controlserver.alarmnet.com".) Click OK.	

Click **Apply**, to apply the above settings to the modem.

FBII F7702 Interface

F7702 is a modem interface for use with Compass 2.0. This allows a wider range of modems to be used and provides a local mode of operation.

You can connect with the panel remotely or locally depending on the modem configurations in the Shell.

The modem configuration screen allows you to type the value for a Remote Code Suffix and a Local Code Suffix. In most cases, the default values of **1 for the remote and **0 for the local is used. These options exist to accommodate situations where the phone company or your PBX uses **0 or **1.

If the company selected in **Communication Settings** is FBII, the FBII F7702 Interface must be configured as:

Select Company	-FBII F7702 Interface	
and the second second	Local Code **	Ring Count 1
FBII	Remote Code **	Carrier Duration 9
		Mode None 🔻

Figure 3-2 FBII F7702 Interface

Parameter	Description
Local Code	This refers to the code passed to the model F7702 Interface to place it in local mode. The default of '**' should work fine; however, it may be changed to any two digits (including * or #) to suit your line needs. This mode is programmable on the F7702 Interface.
	REFERENCE- EXTERNAL: Refer to F7702 Interface User Guide for programming instructions.
Remote Code	This refers to the code passed to the F7702 Interface to place it in remote mode. The default of '**' should work fine; however, it may be changed to any two digits (including * or #) to suit your line needs. This mode is programmable on the F7702 Interface.
	REFERENCE- EXTERNAL: Refer to F7702 Interface User Guide for programming instructions.
Ring Count	It is the number of rings after which the panel would answer.
Carrier Duration	It is the carrier duration for the F7702 Interface.
Mode	Set this to Remote or Local based on whether the communications performed with the F7702 Interface are remote or local. Select None when the F7702 Interface is not being used.

Adding Modems

Modems can be **Standard**, shipped with the downloader; or **Custom**, which you can configure yourself.

In case of Standard modems, you can only view properties by clicking View, but cannot modify them.

To add a new custom modem, perform the following steps:

 Step
 Action

 1
 Click Add under Custom Modems in the Communication Settings dialog box.

The **Add/Edit Modem** dialog box is displayed.

fodem:	Template:	
		-
AT Commands		
AT Commands 1	Reset Command Z	-
AT Commands 2	Max Command Length 40	•
AT Commands 3		
AT Commands 4		
Support		
Caller ID Command	F7702 Required	
	Software Volume Control	
F	OK Cancel	

- 2 Type the name of the modem under **Modem**.
- **3** Type the modem commands, or select the modem **template** to be used from the **Template** drop-down.

If a template is selected, the AT commands, Reset Command, and Max Command Length are automatically filled as defined in the template.

- 4 If your modem supports the Caller ID feature, type the **Caller ID Command** on the Support frame.
- 5 Click OK.

Editing Modems

The Edit and Delete options are applicable only to the Custom Modems. Modem settings that were shipped with the Downloader cannot be edited or deleted.

To edit a modem's settings, perform the following steps:

Step	Action
1	Select the modem from the Custom Modems list in the Communication Settings window.

dit Modem	
dem: STmod1	
AT Commands	
AT Commands 1	Reset Command &FV1
AT Commands 2 S7=110 S10=199	Max Command Length 300
AT Commands 3 &C0 &D2 &Q	
AT Commands 4	
upport	
Caller ID Command	F7702 Required
	Software Volume Control

2 Click Edit.

3 Edit the modem commands or/and the Caller ID Command.

4 Click **OK** to save the new commands, or click **Cancel** to quit without saving.

Deleting Modems

To delete a modem, select the modem from the list box and click **Delete**. Click **OK** to confirm the deletion.

You can also delete all the Custom modems using the **Delete All** button.

2.3 Configuring Modem Switch Settings

This section helps you configure modems that have manual switch settings.

Hayes Smartmodem 1200 External Modem

Configure the DIP switches behind the modem's front panel:



Figure 3-3 Hayes Smartmodem 1200 External Modem

Hayes Smartmodem 1200(B) Internal Modem

The rear view of the Smartmodem 1200(B) Internal Modem is illustrated below:



Figure 3-4 Hayes Smartmodem 1200(B) Internal Modem

2.4 Mapping Devices to IP

You can add, edit, or delete a mapping of Device to IP address using the Device or Computer Name / IP Address function.

Enter information about all the 7810iR modules that Compass will be connecting to by typing the **IP** address of 7810iR and a **Device name** to identify it, as described below.

ер	Action		
	On the Customer screen menu of the Downloader, select File > Device or Computer Name / IP Address.		
	File Options Tools Window Help		
	Customers Operators Templates		
	Station Data		
	Receiver Group / CS Phone # Device or Computer Name / IP Address		
	Print Print Setup		
	Logout Logout Options		
	Exit		

The Device or Computer Name / IP Address screen is displayed.

Device or Computer Name	IP Addr

- 2 Click Add in the bottom toolbar of the screen.
- 3 Type the Device or Computer name details and the corresponding IP address.

4 Click **Ok**. (When the screen is in Add Mode, the Add button changes to Ok).

2.5 Configuring Station Data

The **Station Data** window is used for adding or editing Customer Class description, Station CSID, and user defined fields. You can access this window from the **File** menu of the customer screen.

Central Station ID

The Central Station Identification number (CSID) serves as the identity of the company that installed the control panel. This prevents unauthorized remote access to the panel. This number is transmitted by the computer and is verified by the control panel during an attempt to get on-line for downloading.

The CSID must be of eight characters (consisting of 0-9, A-F) for Ademco panels. Your administrator assigns this number. Only the first six characters are used for FBII. Destiny and Focus panels do not use this ID.

When authorized, you can view or change the CSID on the Dialer screen when modifying an alarm control panel.

Configuring CSID

To configure CSID, perform the following steps:

Step	Action	
1	Click File in the menu bar of the Compass Shell.	
2	Select Station Data from the menu.	
	The Station Data screen is displayed.	

Current C	ustomer Class	CSIDs Station CSID =
None Class Des	scription	FFFFFFFF Write CSID on Download All Alternate CSIDs N/A N/A N/A N/A N/A
🗹 Allow P	Edit Delete	Add Edit Del
Unattendo I Allow P	ed anel Initiated Uploads	Add Edit Del
Unattendo IZ Allow P I Allow P	anel Initiated Uploads C Scheduled Batches	Add Edit Del

- 3 Click Add. The Class Description field becomes editable.
- Type a description (Example: Home User)
 The description reflects in the Current Customer Class pane.

	-	_
Home Use		

- 5 In the **Station CSID** field, type your CSID number.
- 6 Select **OK** to save and quit, or **Cancel** to quit without saving.

TIP: After an account is saved, the CSID is stored in that account, so that a change to the Station CSID does not change the account CSID.

7 If you want to download the current station CSID to all Compass-downloaded panels, select Write CSID on Download All.

8 Some panels allow multiple attempts by the Downloader to match the CSID. To enter alternate CSIDs, perform the following steps:

Click the Add button under the Alternate CSIDs text box.

The text box is enabled. Type the CSID in the text box.

Click OK. The new CSID is added to the list of alternate CSIDs.

You can make changes to the list by using the **Edit** option. To delete any of the CSIDs, select it, and click **Delete**.

Changing the CSID

To change the CSID of an account, connect to the panel from the Communications screen, click **Modify** and change the CSID on the Dialer screen of the panel. Then download the panel.

In Unattended mode, you can download the current station CSID to all Compass-downloaded panels by selecting **Write CSID on Download All**. This changes the CSID to the new CSID specified in **Station Data**. Clicking the **View CSID** button in the Dialer of the panel, displays the new station CSID.

This will be applicable for Unsolicited calls but in case of Unattended batches we need schedule a job with Change CSID command.



REFERENCE-INTERNAL

For more information on Commands refer to On-Line Commands 8. On-Line Commands.

Customizing User-Defined Fields

There are two user-defined fields on the Station Data screen. You can customize these fields, and then use them on the Customer Information screen as sort criteria to help organize customer accounts.

As an example, in Figure 3-5, **user_defined_field 1** is replaced by **Area Code**. This change is reflected on the customer screen.

User Defir	ned Field Caption	- 1
Field1	Area Code	
Field2	user_defined_field2	T

Figure 3-5 User Defined Fields



This field is now displayed in the Sort by list as-well-as in the customer details table heading.



ATTENTION

You can configure or change Station Data only if you have Administrator privileges.

3. System Operators

3.1 Defining System Operators

After setting your communications options, the next step is to define Downloader system operators.

You can assign different levels of authority to operators, allowing/restricting access to various system and control panel operations.

urrent Operators	User Screen	Access
	View User	Code 🔽 Modify Users
Master	Add Users	1
	Subscriber Acc	ess
	l⊽ Add	Modify Panels
	I I Edit	🔽 Import / Expo
Name	I Delete	
Master	Other Access	
	Administrat	itor
	Convert Ac	ecounts
	E Restore / I	Purge Customer
	🔽 Print Data	
	Zone Scre	en Enabled
	F History Sci	reen Enabled
	✓ Template 9	Screen Enabled
	View CSID	/ Proprietary ID in Panels
	✓ Change CS	SID / Proprietary ID in Pane
	Edit Import	t Subscribers
	Communica	
ange Password Update	Add	Delete Close

Figure 4-1 Operators - Access

Adding New Operators

To add a new operator, perform the following steps:

Step	Action	
1	Click Operators window.	
2	Click Add in the bottom panel of this window.	
3	The left pane of the screen changes (compare the figure below with Figure 4-1) allowing you to type an operator's name and password.	
	The new password must be typed twice—once under New Password , and again under Retype Password .	

ld Operator	User Screen Access
Name	Image: View User Code Image: Modify Users Image: View Users Image: View Users
Sarah	Subscriber Access
New Password	Add V Modify Panels
*****	I For the second secon
Retype Password	✓ Delete
*****	Other Access
-	☐ Administrator
	Convert Accounts
	Restore / Purge Customer
	🔽 Print Data
	Zone Screen Enabled
	F History Screen Enabled
	Template Screen Enabled
	View CSID / Proprietary ID in Panels
	Change CSID / Proprietary ID in Panels
	Edit Import Subscribers
	Communications

- 4 Select the Access properties for this operator from User Screen Access, Subscriber Access, and Other Access.
- 5 Click **OK** to save the addition.

Access Definitions

Option	Allows you to
User Screen Access	View control panel user screen when modifying control panel programming.
View User Code	View control panel user codes.
Add Users	Add control panel user codes.
Modify Users	Edit or delete control panel user codes.
Subscriber Access	Handle subscriber data.
Add	Add new customers to database.
Edit	Edit existing customer information.
Delete	Delete customers from database.
Modify Panels	Access and change alarm control information.
Import / Export	Import/export Compass accounts.

Other Access

Administrator	Configure or modify any Compass 2.0 screen. Without this authority, you cannot view the Operator or Station Data screens.
Convert Accounts	Convert DOS accounts utility is not available in Compass 2.0. It is available in the Compass 16 bit Shell. This access option is available in Compass 16 bit since it enables/disables the option File->Receiver Group/CS Phone number # in Shell.
Restore / Purge Customer	Restore or completely purge customer accounts.
Print Data	Print all alarm control information.
Zone Screen Enabled	Access the Zone Information screen for the control.
History Screen Enabled	Access the History Screen for the control.
Template Screen Enabled	Access the Create Templates screen.
View CSID / Proprietary ID in Panels	View the Central Station Identification Number.
Change CSID / Proprietary ID in Panels	Change the Central Station Identification Number.
Edit Import Subscribers	Change import subscriber options and settings.
Communications	Communicate with panels.

Changing Operator Names

If you want to change an operator's name, perform the following steps:

Step	Action
1	Highlight the name to be changed in the Current Operators list of the Operator window (refer to Figure 4-1 Operators - Access).
2	Type the new name in the text box below.
3	Click Update at the bottom of the Operators screen.
	ATTENTION: The Update button is enabled when you type a new operator name.

Changing Operator Passwords

If an operator forgets or wants to change his password, an Administrator can assign a new password. To assign a new password, perform the following steps:

Step

Action

- 1 Click **Operators** on the Compass Shell screen toolbar to display the Operators screen.
- 2 Select the operator from the Current Operators list in the **Operators** window.
- 3 Click Change Password.

The Change Password screen is displayed.

' Ope	rators		
Ch	ange Passw	biow	
	Name		
	Master	1.0	
	New Pa	ssword	
	Retype	Password	
			R

- 4 Type the new password and confirm by retyping it.
- 5 Click **OK** at the bottom of the screen.



ATTENTION

Only an Operator with Administrator privilege can change the password.

Updating Operator Information

You can update or change an Operator's access status.

To change an Operator's access levels, perform the following steps:

Step	Action Click Operators on the Compass Shell screen toolbar to display the Operators window.					
1						
2	Select the operator from the Current Operators list in the Operators window.					
3	Modify the access levels for the operator.					
4	Click Update.					

Deleting Operators

To delete an operator name, select an operator's name from the **Current Operators** list and click **Delete** (refer to Figure 4-1 Operators - Access). Click **OK** when asked for confirmation.

4. Customer Information

All relevant details of customers and their accounts are recorded and viewed on the Customer screen. This data is used for setting your customer database.

4.1 Adding Customer Accounts

To create a new customer account, perform the following steps:

Step	Action
1	Click in Compass 2.0 Shell toolbar. The Customers screen is displayed.

				Uperator : MASTER Login Date : 11/28/2008					
				Search					
Mandatata .				Revi # Acct # Begins with				Sea	
CustomerList								All Act	
C Unattended Jobs				Panel					
						so So	It By: 1 - Revi -		
Mass Download J	obs		< All >			All Revs Son By: 1 - Revr - A			
11					Go Pag	je 1 Of 2	The L		
Revr - Acct #	Last Name	First Name	Zip Code	Business	Panel Name	Panel Phone	user_field_1	User_	
1102-7788			1		Vista128FBP-2		100	1	
1111-1112					Vista128B-3				
1111-1122					Vista1288-3			_	
1112-7778					Vista128FBP-2			_	
1113-7778					Vista1288-3				
1122-1111					Vista128B-3			_	
1122-2434					Vista20PSIA-5[IF			_	
1122-3334					Vista20HWSE-12			_	
1122-8934					Vista20HWSE-12		-		
1124-1289					LynxRENSIA-13			-	
1125-9900					Vista2508P-3				
1133-1033					Vista128FBP-2				
1133-1333					Vista10PSIA-3		-		
1212-1122					LYNXR-I-14				
1212-1223					Vista32FB-4		-		
1212-6666					Vista20P-5(IP)				
1010 3364	-k	0	1		Vr + 200 ram			1	
Last Communication:	None					Rec	ord 1 of 1024		

Figure 5-1 Customers

2 Click Add from the Customer Options box at the bottom-right of the screen. The **Customer Detail** screen is displayed.
bscriber Data	Sec. 1	Carlos Vil		
Receiver	Account	Last Name	First Name	
Ademco	1234	1		
Business		Voice Phone	Fax	
Address 1		Address 2	_0_	
City	State	Zip code # Zi	p Ext	
user_defined_fi	eld1	user_defined_field	2	-1
nel Data		Notes		
nel	Revision Vista250FBP-2	-		1
sta250FBP ass	Vista250FBP-2 Panel Phone Numb	er		
aller Id				
		Print	ОК	Cancel
Communication	Damos			

- 3 Type the Receiver Group number (up to 6 characters).
- 4 Type the 3-, 4-, or 10-digit Subscriber Account Number.
- 5 Type your name, address, and contact numbers in the text boxes provided.
- 6 Select the Panel Type and Revision.

TIP: The revision determines which programming fields the Downloader displays. If you are uncertain of the revision, select the highest available.

- 7 Select the Panel Class.
- 8 Type the Panel Phone Number
- 9 For panels that support TCP/IP connections, type the 12-digit MAC address of the network device.



TIP: This address must match the MAC address of the 7845i module that is connected to the panel at the customer location.

- 10 If you want to print the customer account information, click Print.
- 11 Click OK.



TIP

If there is any other information that you would like to capture, use the text box under Notes, for the purpose. You can type up to 255 characters.

4.2 Changing Customer Account Information

To change the customer account information, perform the following steps:

Step	Action
1	Go to the Customer screen of Compass 2.0 Shell.
2	Click the customer account you would like to change.
3	Click Detail in the Customer Options box at the bottom-right of the screen. The Customer Detail dialog box is displayed.
4	Make the necessary changes. To print the customer account information changes, click Print .

5 Click **OK** to save the changes, or **Cancel** to quit without saving the changes.

4.3 Deleting Customer Accounts

To delete Customer Accounts, perform the following steps:

Step

- 1 In the Customers screen, click the customer's name from the list.
- 2 Click **Delete** in the Customer Options box at the bottom-right of the screen. The following screen is displayed:

Action

Delete Selected Customer record	
C Delete All Displayed Customer rec	ords
Ok	
	Cancel

- 3 Select **Delete Selected** (deletes highlighted account only) or **Delete All** (deletes all accounts displayed in the customer grid).
- 4 Click Ok.



ATTENTION

When you delete a customer as described above, the information is not completely removed. You must then "purge" the account to completely delete it. Refer to section **4.4 Restoring/Purging Customer Accounts** for details.

4.4 Restoring/Purging Customer Accounts

Purging a Customer Account

You must purge an account before reusing that account and receiver number.

Step	Action
1	Go to the Compass Customer Information screen.

2 Click Tools> Restore/ Purge Customer.

The Restore/Purge Accounts dialog box is displayed.

Revr - Acct #	Last Name	First Name	Panel Name	Business
222224FFFF	Unsolicited Up	6 CS#0	FA148CP-2	
4441-FFFF	lakshmi	srinivas	FA148CP-2	
5551-FFFF	lucky	sri	ptrid=376	
ar Selections				

3 Select the account by clicking the required rows in the Rcvr-Acct # column. The selected account is highlighted.

4 Click Purge Customer.

The **Purge Records** dialog box is displayed.

🏠 Purge Records			x
Purge Selected	l record(s)		
C Purge All Displ	ayed records		
	Ok	Cancel	

5 You can choose to purge the highlighted accounts, or all the accounts displayed on the screen. Click **Ok** to purge.

Restoring a Customer Account

To restore a deleted account, select the account and click **Restore Customer** in the **Restore/Purge Accounts** dialog box. Click **Ok** to confirm the selection.

The account is restored.



ATTENTION

A deleted account can be restored. A purged account cannot be restored.

4.5 Searching/Sorting Customer Data

There are various ways to display customer information based on requirement.

The Sort By Option

You can use the Sort By option to base your sort on:

- Receiver Account Number
 - Last Name
- First Name
- Zip Code
- Business
- Panel Phone
- user_defined_field 1 (Defined as Area Code in the figure)
- user_defined_field 2
- Create Date
- Modified Date
- Last Communication Date
- Mass Download Job Name
- MAC Address

Go to the Customer screen in the Compass Shell. To the top-left, above the Customer table, you will find the **Sort By** drop-down.

Sort By:	1 - Rovr - Acct #	*
	6 - Panel Phone	10
	7 - Area Code	-
	8 - user_defined_field2	
	9 - Create Date	
	10 - Modified Date	
_	11 - Last Communication Date	
ame	12 - Mass Download Job Name	
(adds)	13 - MAC Address	.4

Figure 5-2 The Sort By Option

To select the sort method, click the selection from the drop-down box. As a reminder, the field that you selected to sort by is italicized in the Customer table heading.

Searching for Customer Accounts

The Search frame is available at the top right of the Compass Shell.

Revr #	Area	Code Begins with		Search
				All Accounts
Panel			Sort By: 7 August	
< All >	-	All Revs	Sort By: 7 - Area	Code



You can search by:

- Panel,
- Receiver number,
- Selected Sort Option.

To search by Panel name, perform the following steps:

Step	Action
1	From the Panel list, choose the panel.
2	If all revisions of that panel type are required, select All Revs.
3	Click Search . The customer table is refreshed showing only the search results.
4	To view all accounts, click All Accounts.
To search by Rece	iver number, type the receiver number and click Search.

The third search option based on the sort option that you selected, as described in The Sort By

Option.

Example: If you have selected the sort option as 'Panel Phone', the search option would be 'Panel Phone Begins with', as shown in Figure 5-3 above. Type the beginning numbers of the Panel phone and click **Search**, to display the search results.

4.6 Purging History Data

An operator with administrative rights can delete history data from the Compass database using this utility. This history data is viewed from the History screen within the Panel Modify screen of each account.

To access the Purge History screen, perform the following steps:

Step

Action

1 Click **Tools** on the Compass Shell screen menu bar.

2 Click Purge History.

The following dialog box is displayed:

Receiver Group / Account	Numb
All Accounts	
O Specific Receiver / Ac	count
Date Range D All History Data	
6 Months or Older	
0 12 Months or Older	

3 Select All Accounts or Specific Receiver / Account, and the Date Range.

All Accounts	The operator can purge the history for all the accounts in the date range selected.
Specific Receiver / Account	Type the Receiver number and Account number in the text boxes provided.
	"All History Data" is also enabled in the date range, allowing you to purge all the history data of that particular account.
Click Purge History	. All the history data for the selected period, for the

- 4 Click Purge History. All the history data for the selected period, for the selected accounts is purged.
- 5 Click **Close** to close the dialog box.

4.7 Purging Event Logs

To access the Purge EventLogs screen, perform the following steps:

Step	Action
1	Click Tools on the Compass Shell screen menu bar.

2 Click Purge EventLogs.

The following dialog box is displayed:

O All Accounts			
O Specific Receiver / Account			
Date R	ange ———		
	ange Event Logs		
O All E			
O All E O 6 M	Event Logs		

3 Select All Accounts or Specific Receiver / Account, and the Date Range.

All Accounts	The operator can purge the Event Log data for all the accounts in the date range selected.
Specific Receiver / Account	Type the Receiver number and Account number in the text boxes provided.

- 4 Click **Purge EventLog**. All the Event Log data for the selected period, for the selected accounts is purged.
- 5 Click **Close** to close the dialog box.

4.8 Renaming Receiver Group

To rename a receiver group, perform the following steps:

Step	Action	
1	In the Compass Shell screen menu, click Tools > Rename Reco The following screen is displayed:	viver Group
	Rename Receiver Group	

Old Receiver	
New Receiver	
🗖 Rename accour	nts not in conflict
	Check Conflicts

- 2 Type the **Old Receiver** name and the **New Receiver** name in the appropriate text boxes.
- 3 Click the **Check Conflicts** button to ensure that the change does not duplicate a Receiver Group / Account number information.
- 4 If there are no conflicts, click **Rename Receiver** to change the Receiver Group name.
- 5 If there are conflicts, reassign the accounts that do not conflict with the new Receiver Name by selecting the **Rename Accounts Not In Conflict** box.
- 6 Click Exit to return to the Customer screen.

4.9 Exporting and Importing Accounts

You can copy a single account from one computer to another. This facility is especially useful for technicians at a job site, working with laptops.

- When exporting an account, copy the account from your current Compass database to a drive on a network or to a floppy disk.
- When importing an account, copy the account from a network drive or a floppy disk to your current Compass database.

Exporting an Account

To export an account, perform the following steps:

Step	Action
1	Select an account from the Customer grid in the Compass Shell screen.

- 2 From the menu bar, select **Tools>Export Account**.
 - A window titled "Save Exported Account As" is displayed.

Save Exported	Account As				2 🛛
Save in:	Desktop		•		
My Recent Documents Desktop My Documents	My Documen My Computer My Network Delete PanelSupport Release	Places Patch red	ize: 179 KB iles: AllQuerie:	s. bxt, Compass325u	pportedPanels.ex
•	File name:	1323.WDL		•	Save
My Network Places	Save as type:	WDL Account (* WD	-)	-	Cancel

- 3 Type a file name. Ensure that the name has an extension of ".wdl".
- 4 Select the drive to which the file must be copied.
- 5 Select the directory on that drive to which the file must be copied.

6 Click Ok.

Importing an Account

To import an account, perform the following steps:

	Step	Action	
-	1	Select an account from the Customer grid.	

2 On the Customer Account screen, select **Import Account** under Tools on the main menu bar.

A window titled "Select File to Import an Account" is displayed.



- 3 Select the drive where the file to be copied is located.
- 4 Select the directory on that drive where the file to be copied is located.
- 5 Select the file with the account to be copied.
- 6 Click Ok.

The imported account appears in the Customer grid in the Compass Shell screen.

4.10 Customizing the Customer Account Screen

You can customize the way the Customer grid displays accounts.

Making Changes to the Layout

To change the **column width**, click the right edge of the column and drag to the left to narrow it, or to the right to widen it.

To change the **column position**, click a column heading and drag it to the column position you want. For example, to move Zip Code after Panel Name, click Zip Code and drag the mouse to the required position.

The two red arrow heads indicate the new position of the column.

First Name	Zip Code	Business	Panel Name	Panel Phone
Gordon	-	Architect	4110-1	Zip Code
Michael		Textiles	4110XM-7	

Saving the Changes

To save the layout and the Search Options, perform the following steps:

Step	Action					
1	Click Options on the Customer screen menu bar.					
	🍋 Compass 2.0 Windows Downloader - [Cu					
	File Options Tools Window Help					
	Save & Use Layout Always launch 16bit User Interface					
2	Click Save & Use Layout. You will see it selected the next time you go to the Options Menu. Every time the option is selected, it toggles on or off.					
	You can save your screen layout when you exit the Downloader application by keeping the option checked.					
3	To restore the original customer grid layout, click the Restore button					

4.11 Viewing Unattended Jobs

Click **Unattended Jobs** in the customer screen to view the status of all the scheduled jobs. On clicking **Unattended Jobs**, the **Viewer** screen is displayed:

Job Status			Search Options		alere a				Search
All Scheduled	Jobs	•	Sort by: 1 - Revr - Acct #		Rovr #	Acct # Begins w	ith		All Accounts
Start Date					" <u></u>	Panel < All >	•	☐ All Re	
1							Mode Of		
Revr - Acct #	Start DateTime	End	DateTime	Status	Last Attempt	Operator	Communic	Panel Name	Last Nam
								-	
					-				
		_							
	1				-				-
	-	-		-			-		
×									
									Record 0 of 0
					Customer Options				
	Information		Ret	edule	Detai		Delete		Exit

Figure 5-4 Viewer [Customers]

You can see the status of all the assigned tasks in the displayed table. It also shows the details like start date and time, the end date and time, the panel name, and number of retries (Retry Count). The search options allow you to search for details of particular revisions or panels.

The third search option is based on the sort option that you selected. In the **Viewer [Customers]** screen, the sorting is done based on Account number. Hence you have a search option "Acct # begins with".



REFERENCE-INTERNAL

For more information on Unattended jobs and other features refer to **7.1 Unattended Operation**.

4.12 Defaulting Panel Information

This option allows you to replace the current panel information with default values.

To load the panel information with default values, perform the following steps:

Step

Action

Click **Default** at the bottom of the customer screen. A message box is displayed.



2 Click **OK** to update the panel information with the default values or click **Cancel** to cancel the operation.

4.13 Modifying Panel Information

1

This option allows you to edit the current panel information.

To modify the panel information, perform the following steps:

Step	Action
1	In the customer screen, highlight the account whose panel information is to be modified.
2	Click Modify at the bottom of the customer screen.
3	The corresponding panel application screen (16 bit or 32 bit application) for the panel is displayed.
	TIP Alternatively, you can double-click the selected customer row to display the corresponding panel application screen.

4.14 Scheduling Jobs

You can use this option to schedule the unattended communication tasks.

To schedule the jobs, perform the following steps:

Step	Action
1	Select the customer row from the customer grid.
2	Click the Schedule button located in the Panels options area of the screen.
3	The corresponding Ademco, ADT, Apex or FBII scheduler screen is displayed, which is used to schedule the jobs.
	REFERENCE- INTERNAL
÷	For more information, refer Scheduling Ademco Unattended Jobs, Scheduling FBII Unattended Jobs, and Scheduling Apex Unattended Jobs

4.15 Viewing Event Logs

You can use this option to view the log form which displays the previously uploaded event logs for the panel. The event log form displays the list of all the commands that have been previously executed in the interactive mode.

To view the event logs, perform the following steps:

Step	Action
1	Select the customer row from the customer grid.
2	Click the View Log on the screen. If there are no records, the following message box is displayed.
	Event Log Viewer Image: Second seco

Or

If there are event log records, the View Event Log screen is displayed.

OK

	ceiver Group	A	ccount	
	Panel			
00	Information			
22	ort By			
Ĩ.	Creation Date	3	<u>B</u> efresh	h
	Creation Date	Description	Last Modified Date	
	6/28/2005 2:37:23 PM	Saved_Log	6/28/2005 2:37:23 PM	=
	6/28/2005 2:37:38 PM	Saved_Log	6/28/2005 2:37:38 PM	
	6/28/2005 2:37:52 PM	Saved_Log	6/28/2005 2:37:52 PM	
		Saved Log	6/28/2005 2:38:06 PM	
-	6/28/2005 2:38:06 PM	Saveu_Log	101 E01 E000 E.00.001 111	
	6/28/2005 2:38:06 PM 6/28/2005 2:38:21 PM		6/28/2005 2:38:21 PM	
	at Hot and a month a 1819			
A A A A	6/28/2005 2:38:21 PM	Saved_Log Saved_Log	6/28/2005 2:38:21 PM	
A A A A	6/28/2005 2:38:21 PM 6/28/2005 2:38:35 PM	Saved_Log Saved_Log Saved_Log	6/28/2005 2:38:21 PM 6/28/2005 2:38:35 PM	



TIP

Alternatively, enter the interactive communication modules for the specific accounts and click **Event Log** button in the bottom tool bar, to view the event logs.

5. Control Panel Information

5.1 Alarm Control Programming

Control panels belonging to Ademco, FBII, and Apex protocols are available for use with the Compass commserver. Most of the panels that legacy Compass 16-bit supports, are supported in Compass 2.0.



REFERENCE-INTERNAL

For more information on panels supported by the different versions of Compass, refer to **1.4 Viewing a List of Panels Supported by Compass 2.0**.

To access the Alarm Control Programming (Panel Edit) screens:

- Double-click the highlighted customer account row in the Customer screen of the Downloader.
- Alternatively, highlight the customer account row and click **Modify** in Panel Options.

File Options Tools ¥	jindow Help				-			
stomers Operators	Templates N	Modems Logo	ut Unatte	nded Exit	Operator : Login Date :			
				Search Rovr #	Acct # Begin			Search
• CustomerList				nevr #		-		
								All Accounts
C Unattended Jobs				Panel		2.5		
Mass Download J	obs			< All >	- FA	All Revs Soi	t By: 1 - Rovi - Aci	st #
11.				1	Go Pag	je 1 Of 2	105 5	>> >>I
Rovi - Acct #	Last Name	First Name	Zip Code	Business	Panel Name	Panel Phone	user_field_1	user_field_2 *
1102-7788					Vista128FBP-2			
1111-1112					Vista128B-3			
1111-1122					Vista128B-3			
1112-7778					Vista128FBP-2			
1113-7778		-			Vista128B-3			
1122-1111					Vista128B-3			
1122-2434	1	-	-		Vista20PSIA-5(IF			
1122-3334					Vista20HWSE-12			
1122-8934 1124-1289			-		Vista20HWSE-12 LynxRENSIA-13			
1125-9900	+		-		Vista250BP-3			
1133-1033		-	-	-	Vista128FBP-2			
1133-1333			-		Vista10PSIA-3			
1212-1122					LYNXR-I-14			
1212-1223	1				Vista32FB-4			
1212-6666					Vista20P-5(IP)			
					hr - aan cans			
	-					Rec	ord 1 of 1024	
Last Communication:	None							
	None					Customer O	otions	
Last Communication:	None Default	Copy	Modaly	Schedule	View Log			Delete

Figure 6-1 Compass 2.0 [Customers]

Based on the panel supported, the panel application for Compass 16, or the panel application for Compass 2.0 is displayed.

5.2 Panel Application for Compass 16

Overview

A 16-bit panel screen, in general, includes the following layout:

	Disler Degice E Communication Default Partition		s Zones <u>S</u> et		ess Change Hist Sounder Options animon Lobby	oy Koor	Macao Options System Options	
				# of partitions		Del	tault Console Message	
				8			HEAVE THE MEN	
	Data DESCRIPTOR	NAME	PRIMARY	SECONDARY SUB	ALPHA1		ALPHA2	
PART	DESCRIPTOR P1	NAME	PRIMARY SUB ID 1001	SECONDARY SUB ID FFFF	****DISARMED**	READY TO ARM	АГРНАЗ	
PART 1 2	DESCRIPTOR P1 P2	NAME	SUB ID	ID	****DISARMED**	READY TO ARM	ALPHA2	
PART 1 2 3	DESCRIPTOR P1 P2 P3	NAME	SUB ID	ID	****DISARMED** ****DISARMED** ****DISARMED**	BEADY TO ARM READY TO ARM	ALPHAZ	
2 3 4	DESCRIPTOR P1 P2 P3 P4	NAME	SUB ID	ID	****DISARMED** ****DISARMED** ****DISARMED** ****DISARMED**	READY TO ARM READY TO ARM READY TO ARM	ALPHAZ	
PART 1 2 3	DESCRIPTOR P1 P2 P3	NAME	SUB ID	ID	****DISARMED** ****DISARMED** ****DISARMED**	READY TO ARM READY TO ARM READY TO ARM	ALPHA2	
PART 1 2 3 4 5 6 7	DESCRIPTOR P1 P2 P3 P4 P5 P6 P7	NAME	SUB ID	ID	ALPTAI DISARMED DISARMED DISARMED DISARMED DISARMED DISARMED	READY TO ARM READY TO ARM READY TO ARM READY TO ARM READY TO ARM READY TO ARM	ALPHAZ	
PART 1 2 3 4 5 6	DESCRIPTOR P1 P2 P3 P4 P5 P6	NAME	SUB ID	ID	ALPHAI ****DISARMED** ****DISARMED** ****DISARMED** ****DISARMED** ****DISARMED**	READY TO ARM READY TO ARM READY TO ARM READY TO ARM READY TO ARM	ALPHAZ	
ART 1 2 3 4 5 6 7	DESCRIPTOR P1 P2 P3 P4 P5 P6 P7	NAME	SUB ID	ID	ALPTAI DISARMED DISARMED DISARMED DISARMED DISARMED DISARMED	READY TO ARM READY TO ARM READY TO ARM READY TO ARM READY TO ARM READY TO ARM	ALPHA2	
ART 1 2 3 4 5 6 7	DESCRIPTOR P1 P2 P3 P4 P5 P6 P7	NAME	SUB ID	ID	ALPTAI DISARMED DISARMED DISARMED DISARMED DISARMED DISARMED	READY TO ARM READY TO ARM READY TO ARM READY TO ARM READY TO ARM READY TO ARM	ALPHAZ	
ART 1 2 3 4 5 6 7	DESCRIPTOR P1 P2 P3 P4 P5 P6 P7	NAME	SUB ID	ID	ALPTAI DISARMED DISARMED DISARMED DISARMED DISARMED DISARMED	READY TO ARM READY TO ARM READY TO ARM READY TO ARM READY TO ARM READY TO ARM	ALPHAZ	

Figure 6-2 Control Panel

At the top of the screen is the **title bar**. It identifies the control panel type and revision, and the receiver/account number of the customer you selected. Under this is the **menu bar**. The options in the menu bar are not control panel-specific as they are Downloader operations.

Menu Bar options

File

Option	Allows you to…
Save	Save the alarm control settings.
Print Setup	Select and set up the printer.
Print Programming form	Print a programming form that reflects the account's current Edit data.
Exit	Exit the application.

Communications

Clicking Communications in the Panel menu bar takes you to the Compass Communications screen. It allows you to upload or download information to the panel, providing the ability to arm, disarm, retrieve status, bypass zones, and send messages.



ATTENTION

The availability of these options is dependent on the panel being connected to, and the panel programming options.

View

The View modes enable you to see different versions of a control panel's E2 data. You can view the values saved in the Downloader, values uploaded from the control, default values, or an unsaved current Edit value. The screen in view is indicated in the upper-right corner of the title bar.

Option	Allows you to…
Current Edit	View the changes just made (not saved yet) to the control programming.
Upload	View the data last uploaded from the alarm control.
Saved	View the previously saved data.
Defaults	View the programming defaults for a control panel. (Some, like the Lynx family panels, have multiple default options available.)

Search

This option allows you to search for a specific programming option by field number or name. To do this, select **Search** from the Panel Edit screen. The following screen is displayed:





To search for a particular option, perform the following steps:

Step	Action
1	Type the programming field number or part of the field name that you are looking for.
2	Click the Find First button. If you want to go to the field in the programming screens, click the Go To button. Compass takes you to the appropriate screen and indicates the field with a red arrow.
3	If Find First did not bring you to the option you wanted, press Find Next to go to the next option matching the criteria. Use Find Previous to go back to an earlier option.
	TIP Double-clicking the programming field also takes you directly to the appropriate screen.

Features

This menu displays the same options as those on the button bar, with the hot key details.

Window

Presents normal Windows features, such as cascading and arranging screens, and displays screens currently open.

Help

Select **About** to view the version and release date of the Compass Database and of the Panel Edit module for the panel you are modifying.

Programming an Alarm Control

From the Downloader customer screen get to the panel screen as explained in the Alarm Control Programming overview. The Panel screen varies according to the features of the control panel selected.

To program the panel, perform the following steps:

Step	Action
1	Select the section (Partition, Dialer, Zones) to program from the button bar (refer to Figure 6-2 Control Panel).
2	Type the control panel programming information.
3	When you complete programming, select Close.
	The Save Changes screen is displayed:
	Select Option
	Save Save the changes and return to edit data
	Save & Ewit Save the Edit view data that has been edited since opening then Exit
	Undo & Exit Undo all changes and exit
	Cancel Return to edit data:

4 To save the programming information, click **Save**. To close without saving, click **Undo**. To return to the Panel Edit screen without saving, select **Cancel**.

5.3 Panel Application for Compass 2.0

The panel application designed for Compass 2.0 is a new and improved version of the earlier 16-bit panel applications. Feedback and comments from users were used for designing the screens.

As against the functionality-centric navigation of the earlier panels, the new design offers a partition-centric navigation, besides a more logical approach to configuration.

Overview of the panel

The panel application designed for Vista250FBP is taken as an example in this user guide. The design of all other panel applications follows similar lines.

The panel application has a left navigation bar and a right pane that shows the corresponding user interface controls.

The left navigation bar contains the listing of different configuration groups. Click the required group to display the screen in the right pane.

The partition screen is displayed in Figure 6-4. The application enables you to configure all the attributes related to a partition on a single page while with the previous panel you had to navigate to different tabs to program a single partition.

You can also configure the zones, devices, users, and schedules for that partition without navigating outside of the Partition tab.

1 8											
Ø×	Partition	1									
Farthern 1	Description	P001	_	_	Pyran, Sada Jr	10007		Alpha I	****01	ISARNEI	0****
Devices Users	Name	Kitchen	_		Sec. Sali e	FFFF	_	Alpha 2	READ	Y TO AR	in .
Weskly Sc Temporari	System Opti	ians :				-	Macro	Key Assignment :	d.		
Partition 2 Partition 3	Entry Delay 1	00 sec		Philiple alarm per aming	t 🖸 Quick and	ning.	W.Key	0 - PANIC 995 FU	NCTION _	-	995 Parac Enable for key/(* and 1) Keys
Partition 4	East Delay 1	60 580	-	Permanenk keypad	🔄 Random I	tanéra	W Key	1.	3	1	999 Paris Enable for
Partition S Common Data	Entry Delay 2	90 sec	-	bacilight.	Planker		Y. Key	2 -	2		hey/(" and #) Keys
dention	Exit Delay 2	120 sec	*	Allow GOTO	Quick exit	L.	and and	3 -	2	7	in an an an an an an
no-spation	Barrant Zone	1	-	from other pertitions			WEat	161		2	P96 Paris: Enable for key/(# and 3) Keys
mo-a partition	Prevent Zuse XXX Bypan Display for Oth	1 er Partitions ire alarns	-	partitions	oubles			Key Definition is in "Car			hey/(# and 3) Keys
no-s partition	XXX Bypass Display for Othe	er Partitions ire alarns	P Burg	partitions	outers		Plate				hey/(# and 3) Keys
	XXX Bypann Display for Othe Fr Communicat Swing Suppression	er Partitions ire alarns	P Burg	partitions	ougles		Plate	Key Definition is in "Car			hey/(# and 3) Keys
der	XXX Bypens Display for Oth Fr Communicat Swing Suppression Count (00-15)	er Partitions ire aliens tion Options	Durg davi	partitions dany and Parist			Plane Sound	Key Definition is in "Car	aaaaa Dota	"moder t	hey((# and 3) Keys
lèr vice	XXX Bypeen Display for Oth F Ecommunic at Swing Supportation Count (60-15)	er Partitions re alams tion Options	I Burg	partitions dany and Parist	oubles triggers Output	4	Petatos Sound Cord	Eey Definition is in "Car lee Options 2	selt	¹⁴ minder W	hey((# and 3) Keys he Partitions Tab) Auxiliary Ralay
der vice bals	XXX Bypeen Display for Oth F Ecommunic at Swing Supportation Count (60-15)	er Partiblians ire alarns tion Options [1 end/Cancel 6	I Burg	partitions dary and Parst [] Tr as		£.	Petatos Sound Cord	Key Definition is in 'Kar ler Options : 'mation of among day	selt	"moder t	hey((# and 3) Keys he Partitions Tab) Auxiliary Ralay
der vice bals rrs	XXX Bypeen Display for Oth F Ecommunic at Swing Supportation Count (60-15)	er Partiblians ire alarns tion Options [1 end/Cancel 6	I Burg	partitions dary and Parst [] Tr as		ta.	Petatos Sound Cord	Eey Definition is in "Cor ler Options : Introduct of among drig line on external system	Bult F	"ander t Delle	hey((# and 3) Keys he Partitions Tab) Auxology Ralay [7 [7
ler rice bals rrs ues	XXX Report Display for Oth Tr Communicat Swige Support Count (00:15) Count (00:15) Count (00:15) Count (00:15)	er Partitions ire alarns tion Options [1 end 'Cancel & LARDi+OPF	t durg alter	partitions	triggers Output	ta .	Petatos Sound Cord	Eey Definition is in "Cor ler Options : Introduct of among drig line on external system	Bult F	"ander t Delle	hey((# and 3) Keys he Partitions Tab) Auxology Ralay [7 [7
der vice sballs tres hedule	XXX Report Display for Oth Tr Communicat Swige Support Count (00:15) Count (00:15) Count (00:15) Count (00:15)	er Partiblians ire alarns tion Options [1 end/Cancel 6	t durg alter	partitions dary and Parst [] Tr as	triggers Output	te.	Desire 1	Key Definitions in in "Car leer Options s Immittion of arming ding inmittion of arming ding aunder basecut (mit)	Sell F	" moder 4 Bielt: F" P	hey((# and 3) Keys he Partitions Tab) Auxology Ralay [7 [7
aler rvice belis ers stes tes tes tes tes tes tes tes	XXX Repairs Binglay for Oth Provide the Communication Communication Communication Commit (60-15) Commit (60-15)	er Partitions ire alarns tion Options [1 end 'Cancel & LARDi+OPF	+1)	partitions	triggers Output	ts.	Prairs	Key Definition is to "Car lee Options 2 Installor of among drug line on scitemal scen surder toneout (min)	Sell F	" moder t Delle F Q mettetion	hey/(# and 3) Keys he Perfolions Tab) Auxiliary Ralay F S

Figure 6-4 Panel Application for Compass 2.0

Navigation

The left pane is the navigation bar to the different configuration groups. To configure partitions, globals, dialer properties and so on, click the relevant tab on the pane.

Sub-menus under the tabs for the different configurable screens for the particular group facilitate easy navigation.

You can configure associated zones, devices, users, and schedules by selecting the configuration group under each partition. For example, to configure the zones for partition 1, click the **Zones** tab under **Partition 1** in the left navigation bar. The configurations that you select in this tab are applicable exclusively to partition 1.

¥	Partition 1
	Zones
	> Devices
	🕨 Users
	Weekly Schedules
	🕨 Temporary Schedules
٠	Partition 2
٠	Partition 3
۲	Partition 4
٠	Partition 5
٠	Partition 6
۲	Partition 7
۲	Partition 8
۲	Common Data
+Ac	d partition
-Rer	nove partition
Dia	ler
De	vice
Glo	bals
Usi	ers
Zo	nes
	hedule
Scl	leaders.
	lays
Re	
Re Ac	lays

Figure 6-5 Left Navigation Bar

The Menu bar



Figure 6-6 Menu

	Menu Option	Purpose
File		The File menu offers the following submenu options:
	File	• Save – To save changes to
	Save Ctrl+S	data.
	Print Programming Form	The toolbar includes the shortcut.
	Exit	 Print Programming Form - To launch the Print dialog which can be used to Print the account's current configuration data Exit – To exit the application
View		You can view the following from the View menu:
	View Tools Help	 The Toolbar below the menu bar
	🔽 Toolbar	The Status Bar at the bottom of the screen
	Status Bar	 The Task List on the left pane
	 ✓ Task List ✓ Current Shift+E2 	The Currently edited data (onscreen data)
	in carrier commercial	The Uploaded data
	Uploaded Shift+F3	The Saved data
	Saved Shift+F4	The Default data
	Defaults Shift+F5	
Tools		The Tools menu offers the following sub-menu options:
		Communication
	Tools Hep	Search
	© Communication Search	

Menu Option

Communication

Search

Purpose

This option launches the communication screen.

The Search feature allows you to quickly find a feature and its configuration details in the application. Search from the existing list of features by selecting the Browse through the features option, and select the feature group name from the Search In dropdown. To search through all the groups at once using keywords, select the Search option, select 'All' in Search In, and type the feature in Search for. Click Find. The results are displayed in the Results pane below. To go to the feature, or select the feature and click Goto. Click Close to close the Search dialog box.

arch			×
C Search	Browse through the fe	atures	
Search In:	Partition		
Search for:			Sind
Results(progr	amming fields)	1	-
*04 Random 1 *06 Quick Exi			
*09 Partition E			
*10 Partition E			
*11 Partition E			
*12 Partition E			
*13 Partition E			
	Sell 1 Confirmation Of Arming D		
	Console Panic 995 (1 and * key Console Panic 996 (3 and # key		*
1 . co President s	THE CALL STOL STOL STOL STOL & RED	Go To	Close

	Menu Option	Purpose		
Help		The Help menu launches the Compass Help file. You can search by Index,		
	Help	Contents, or search keywords.		
	Contents Index Search & About Compass	It also launches the About box which gives the version details of the Compass Downloader application.		

Save Changes Dialog

The **Save Changes** window is displayed when Compass is closed by clicking the 'X' button. Other functions can be performed by clicking the following buttons.

Save Changes		×
Select Option		-
Save	Save the changes and return to edit data	
<u>S</u> ave & Exit	Save the Edit view data that has been edited since opening then Exit	
<u>U</u> ndo & Exit	Undo all changes and exit	
Cancel	Return to edit data	

- Save' Modified values in PA will be saved and return back to the edit view.
- 'Save and Exit' Modified values will be saved and exit.
- 'Undo and Exit' Modified values in PA will not be saved and the following message box will be popped up.

Panel Applicat	ion		X
Are you sure wa	nt to Undo all unsav	ved changes since fr	om beginning ?

If you select 'Yes', Undo operation will occur and the application will exit.

If you select 'No', the application will come back to the edit view.

Configuration Groups

Following are the configuration groups to be programmed in the panel:

- Partitions
- Globals
- Dialer
- Device
- Users
- Relays
- Zones
- Access
- Schedules

A brief description for each of these groups follows.

Partitions

Partitions allow you to break up a large area into smaller sections. This feature is useful to disarm certain areas while leaving other areas armed, or to limit access to certain areas to specific individuals.

Adding and Removing partitions

To add or remove partitions, perform the following steps:

Step	Action
------	--------

Click the Partition tab in the left navigation bar.
 The different tabs under Partition are displayed.



- 2 Click <u>+Add Partition</u> to add a new partition.
- 3 Click <u>-Remove Partition</u> to remove the last added partition.

Configuring Common Data

Information regarding common lobby, and the description and definition of macro commands is common across the partitions. Configure these from the **Common Data** tab.

elect The Part	ition To Be Common			
obby	alto da ecolomorio			
2 - P2 Kitche	n <u>×</u>			
artition + Armi	ing And Affect Relation	chin		
	ing And Affect Relation			
	Partition	Affects Lobby	Arms Lobby	
Par	tition #1 Hall	V	1	
Partil	tion #2 Kitchen	N/A	N/A	
Part	ition #3 Lobby	V	2	
Partitio	on #4 Bedroom1		E	
Partitio	on #5 Bedroom2		7	
Partition	#6 Reading Room			
Macro Descript	tors And Definitions			
MACRO#	DESCRIPTION	D	EFINITION	
1	Quick Arm		1234#2	
2	Light on		1234#34	
3	Light off		1234#45	
4				

Figure 6-7 All Partition Common Data

Configuring Partition Specific Data

Configure the data specific to each partition in the individual partition screen.

	t sax-ups -* tait		-	-			_			الم.
8 8										
artition 1	<u> </u>									
Description	P001	-	Prim. Sub #	1007		Alpha 1	[***	*DISAR	MED****	
Name	Kitchén	_	Sec. Seb #	HAMA	-	Alphair	R	EADY TO	ARM	_
iystem Optic	004 I				Macro	Key Assignment :				a sus s
etry Delay 1	00 vec	Multiple alarm per arming	t 🖸 Quadk ann	ang .	'A' Key	0 - PANIC 995 FUT	ICTION	-		/S Panic Enable for 'A' y/(* add 1) Keys
at Orlay 1	60 sec	Permanent keypad backi	A Random	timers	'81' Key	1-		•	2 91	9 Parat Eroble for T
stry Dolay 2	10 sec	3			'C' Rey	2 -		-	łe	y/(* and #) Keys
it Delay 2	120 sec	Allow GOTO /	an (A) Grocen	٤	't' Key	ja -		-	□ 99	el Panic Enable for 10 v/C# and 30 Keys
revent Zone XX ypass inplay for Other]								
	ire alams 🛛 🕑	Burgliny and Paris	froubles		[Haces	Key Definition is in "Com	nan Data	- under 1	be Partitions	Tab]
ommunicati	ion Options :			_	Sound	ler Options 1				
opression opression opt (09-15)	1	-					5ell1	BelD	Auxiliary Rolay	
	end 'Cancel if 🖓	Burglary siam comm.	E triggers Output			Imation of arming ding	R	Г	5	_
A	LAAM+OFF	Delay	e ordites costra			me on external sizen	E	R	E .	
						ounder timeout (miri)	8	0	8	
der reports										
0.0	whic Zone 995 (*+1)	Panic Zone 996	s (#+3)			Console	Concole /	Lana Cat	ten During Er	volu
	anic Zone 999 (*+#)	Peric Duress			-	Annunciittian During Evit	0	3.beeps		Continuous

Figure 6-8 Partition Specific Data

You have to configure the following for each partition:

Data	Allows you to…
General information	Specify a description, name, the primary and secondary subscriber lds, and the Alpha descriptors.
System Options	Specify system options including the Entry and Exit delays allowed by the system, the display characteristics, the general rules for arm, disarm, and bypass, and enabling of certain specialized features and rules.

Macro Key Assignment	Select Macro Key Assignments from the drop-downs. A Macro or Speed Key command is a series of keystrokes stored in the system memory and activated when a programmed lettered key is pressed. Each Speed Key command can include 32 keystrokes. Generally four macro commands (A, B, C, and D) are supported. However, this varies from panel to panel.
	Typical macro functions include:
	 Arming sequences that involve first bypassing certain zones before arming
	 Seldom-used but repeatable sequences
	Relay activation sequences
	Lettered keys A, B, C, and D are assigned a specific macro definition by entering a Speed Key number.
Sounder Options	Indicate the sound settings for the bells and auxiliary relay.
Communication	Specify the communication delays and swing suppression count.
Dialer Reports	Indicate the zones for which the reports are to be sent.

Dialer

The settings for connection to panel, and communication are configured in the dialer. This includes the downloader phone numbers, panel phone numbers, communication channel details, and devices information.

😨 Vista250FBP-2 1001-1000 - * EDIT	*						
File View Tools Help							
8 ?							
- P ×	lot the part of the					_	
Partition	Dialer Features		_	_	_	_	_
Dialer							-1
 Dialer Features 	Receiver Number #	1001	Primary Account #	1000		Edit	
► Tx Format							
 Communications 	PABX Access	1234			Primary Phone	345645646	.74
 Reporting Options 	Code	112.34			#:	1949049040	1/4
 Report Codes 				with			
	Call V	Vaiting Defeat	Touch Tone Rotary Back	up	Secondary	345645644	455
	Enabl	e Main Dialer	Enable Back	up Di	Phone #:		
		4				iew CSID	1
	Max. Dialer Retries	14 1					_
	Main Dialing	TouchTone 💌			Dial Tone Paus	a 30 - Secon	•
	Method					-	-
	Backup Dialing	TouchTone •			Dial Tone Detection	Wait for tru	ue dial to 💌
	Method				Detection		
			Acc	ess dialer enables	í		
	Trace		Trouble	System		Alarm	ByPass
			Carlos V				
Device	DownLoad	34564564345	43				
Globals	Phone						
Users	Down	load without callba	:k				
Zones			0.0				
			O t	Disable Station Initi	lated Download		
Schedule	Rings	15 💌	• F	Answering Machine	Defeat		
Relays			0.	Number of Rings			
Access			0.	remoter or reings			
Change & Compare							
History							

Figure 6-9 Dialer Features

Options	Allows you to…
Dialer Features	Configure the Receiver-Account#, CSID, PABX, ring count, primary and secondary phone numbers dialing methods, download information, and max dialer retries.
Tx Format	Configure the transmission format and speed, select reports, and select system non-alarm codes.

Tx Format							
Primary Tx Format		Secondary Tx Format					
2. Ademco HI	•	3. Ademco Express		System Non Alarm Code			
Primary Speed		Secondary Speed	Secondary Speed		First Digit	Second Digit	
d. Ademco	14	0. Adenico	w.	CLOSING	0	1	
In Maerico	<u></u>	To: Meenico	<u> </u>	OPENING	2	5	
Checksum Verify - Primary	p.	Checksum Varify - Secon	Checksum Verify - Secondary		1	2	
chocodin vonity i rindry		chocodin vonty bocon			0	0	
Radionics or Sescoa Transmission:		Load Transmission Default values:		ACLOSS	D	E	
				AC RESTORE	C	F	
0-Redionics	×.	0-No Default Format		TEST	0	D	
Reports for Primary _		Reports for Secondar		POWER-UP	0	0	
			·	CANCEL	0	O	
Alarms		Alarms		PROGRAM TAMPER	0	0	
Restores		Restores		ARMED STAY	0	0	
Bypasses		Bypasses		TIME/DATE SET & EVENT LOG RESET	0	0	
				EVENT LOG 50% FULL & 90% FULL	Ũ	Ū	
Troubles		Troubles		EVENT LOG OVERFLOW	0	0	
Open/Close		Open/Close		EXIT ERROR - USER REPORT	0	0	
Low Battery/AC Loss/ Tes	r.	Low Battery/AC Loss/ Test		RECENT CLOSE	0	0	
				WALK TEST START	Ū	0	
-		-		WALK TEST STOP	0	0	
	Randomia	e AC Loss Reports		OFF-NORMAL	0	0	
0	Normal AC Lo Randomize A 10-40 minute	ss Reporting C Loss Reporting Between					

Communications

Configure dynamic signaling options, reporting intervals, initiating time and day, and select zone type reporting restore.

Communications	_	_	_
Enable Intelligent Te	est	Dynamic 1-15 sec Signalling Delay	onds
Enable Dual Reporti Cancel Verify	ng	Dynamic 1-Long R Signalling Priority	ange Radio First 💌
		Restore Report 1-at Bell Timing	Timeout 💌
Test Report 1000 Interval In Hours (0000-9999) Initiation Day: Mond	lay 💌		tion Time: 05:00 📩
Entry/Exit 1	Zone Type Repor	Perimeter	Interior (Follower
Day/Night	24 Hr. Silent	💟 24 Hr. Audible	🔲 24 Hr. Auxiliary
🔽 Fire w/o Verify	🔲 Interior Delay	Fire With Verify	Fire Waterflow
Fire Supervisory			

Report Codes

Enable and disable the alarm, troubles, and bypasses for a set of zones. The options configured for a group of zones in the top pane are displayed for individual zones in the bottom pane. In the bottom pane only the report code (Rpt) column is editable. The report code field takes values from A-F and 1-9.

d Zones	100									
Zones	Alarm Restore	Trouble		Trouble Restore	ByPass	БуРа	es Restorn			-
1-16	0	1	-	.2	3	-	4			
17-32	5	6	_	7	8		9			
33-40	0	0		0	0		0			
49-64	0	0		0	0		0			
65-80	0	0		0	0		0			
81-96	0	0		0	0		0			
97-112	0	0		0	0		0			
113-128	0	0		0	0		0			
129-144	5	6		7	8		9			
145-160	a	1		2	3		4			
Zóre	Response	Description	Rpt	Alarm	Alarra Restore	Trouble	Trouble Restore	ByPass	ByPass Restore	
1	22 - Disarming	balcony	10	10		10	20	30	40	
2	9 - Fire Without Verification	room1	20	20	10.00	10	20	30	40	
3	3 - Permeter	room2	30	30		10	20	30	40	
4	3 - Perimeter	terrace	40	40		30	20	30	40	
5	3 - Permeter	lawn.	50	50		10	20	30	40	
6	3 - Permeter	1.00	60	60		10	20	30	40	
7	10 - Interior w/Delay		70	70		10	20	30	40	
8	3 - Permeter		80	80		10	20	30	40	
1000	0 · Disabled		10	10		10	20	30	40	
9	a subsection									



TIP: The **Find Zones** feature helps you find a zone quickly. Type the zone number that you are looking for, and press Enter. The row corresponding to the zone number is highlighted.

Reporting Options

Configure the pager details and the reports that go out from specified partitions to specified pager numbers.

-	Pager Ena	ble	-		Time to	Delay Pager After Diale	r.			
	Pager Not Insta	sled			10 sec	onds	-			
	O Pager Installed									
-				d Message To Pa	er.			_		
	Partition 1		Partition 2		Partition 3	[Partition 4			
	Partition 5		Partition 6		Partition 7	1	Partition 6			
1	-		and the second second					-		
Pagen	Nunder	ID #	Format	Delay 1	Delay 2	PARTITION	Alarms	Troubles	Bypass	Opening/Close
Páges 1	Nundrer 111	1D #	Pornal 0 - Numeric Paging	Delay 1 D-second	Delay 2 D-second	PARTITION Pertn: 1, 2, 3	Alerns	Troubles	Bypass	Opening/Close
100				1.1.1	10000		1.00000		Bypass	Opening/Close
1	111	100.	0 - Numeric Paging	0-second	D-second	Pertin: 1, 2, 3	1	Г	Г	F
1 2	111 222	100 200	0 - Numeric Paging 1 - 10 Paging	0-second 1-second	D-second 1-second	Part'n: 1, 2, 3 Part'n:	<u>م</u>	۲ ۲	F	F
2	111 222	100 200	n - Numeric Paging 1 - ID Paging 2 - Alpha Paging	0-second 1-second 2-seconds	D-second 1-second 2-seconds	Partn: 1, 2, 3 Partn: Partn: 4, 5, 6			ררפרפ	LLLBL
1 2 3	111 222	100 200	0 - Numeric Paging 1 - 1D Paging 2 - Alpha Paging 8 - Numeric Paging	0-second 1-second 2-seconds 3-seconds	D-second 1-second 2-seconds 3-seconds	Pertin: 1, 2, 3 Partin: Partin: 4, 5, 6 Partin:		- ต - เ - เ - ต	ררפר	
1 2 3 4 5	111 222 333	100 200 300	0 - Numeric Paging 1 - ID Paging 2 - Alpha Paging 0 - Numeric Paging 0 - Numeric Paging	0-second 1-second 2-seconds 3-seconds 4-seconds	D-second 1-second 2-seconds 3-seconds 4-seconds	Pertn: 1, 2, 3 Partn: Partn: 4, 5, 6 Partn: Partn: Partn: 7, 8			ררפרפ	LLLBL

Device

The details of all devices connected to the panel are configured here.

File View Tools Help	9								
8	_								
9 × Partition	Devic	e Configu	ration	_	_		_	_	
Dialer									
Device	DEVICE	DESCRIP	DEVICE TYPE	PARAMETER 1 TYPE	PARAMETER 1	PARAMETER 2 TYPE	PARAMETER 2	GLOBAL ARM/DISARM	AU
Provence computation	0		1 Alpha Console	Master Partition	1-P1	Sounder Options	0 No Suppression	1 Enable	N//
	1	First	1 Alpha Console	Master Partition	2-P2	Sounder Options	1 Suppress Arm/	0 Disable	Г
	2	Second	2 Fixed Word Console	Master Partition	3-P3	Sounder Options	1 Suppress Arm/	1 Enable	N/
	3	Third	0 Not Used	N/A	N/A	N/A	N/A	N/A	N/
	4		0 Not Used	N/A	N/A	N/A	N/A	N/A	N/a
	5		0 Not Used	N/A	N/A	N/A	N/A	N/A	N/
	6		0 Not Used	N/A	N/A	N/A	N/A	N/A	N/a
	7		0 Not Used	N/A	N/A	N/A	N/A	N/A	N/

Figure 6-10 Device Configuration

Globals

Set the global System options, RF Options, Event Log options, Fire options, Sounder options and Remote access options in this screen.

	ptions	_	_	-		
🔽 Igno	e Expansion Zone Tamper	🕑 Enable Power Up in F	revious State		Use Partition Descriptors	
	Burg, Trigger for Zone Type 8	Exit Error Logic			🗹 Exit Delay Reset	
Zone	5 Audio Alarm Verification	Enable Burglary Features on Partition 1			Display TRBL instead of CHEC	
🕑 Unat	tended Mode	System Events Notify			Auto Trouble Restore	
💽 Enab	le Zone 6 As A Tamper Zone					
iupervisory	Supervisory on either a short or open	-	Voice Modu	le Access	Code:	
Report	1 - Enable Partition 1	Open/Close Reports for	First Digit	1	*	
Mode		KeySwitch	Second Digit	#	×	
	t Enable Pins 5 and 9 as Printer RXD and	DTR T	able Supervision for I	LRR	-	
functions Frigger Outpu		DTR T En	Fire		Silent Panic/Duress	
functions Frigger Outpu Selection	t LORRA outputs and Keyswitch LED				Silent Panic/Duress	
functions Frigger Outpu Selection Logging of Maintenance			Fire			
functions frigger Outpu selection .ogging of taintenance Signals	t LORRA outputs and Keyswitch LED		 ✓ Fire ✓ Burglary/Audib 			
functions	t LORRA outputs and Keyswitch LED		 ✓ Fire ✓ Burglary/Audib 			
functions Trigger Outpu Selection Logging of Maintenance Signals Daylight S	t LORRA outputs and Keyswitch LED		 ✓ Fire ✓ Burglary/Audib 			

Figure 6-11 Globals - System Options

The settings you select here are common across the panel.

Options	Allows you to
System Options	Set some common system options.
RF Options	Set RF options.
	Use an RF button-type transmitter to provide entry or exit for several doors. One button controls one door. A button can be used to provide access or egress due to a panic or duress condition. An RF transmitter is used with a remote switch to provide exit in case of a fire alarm.

RF option	าร			
RF Expansion	5881-M			
Low battery annunciation	When disarmed 💌			
🔽 Enable Low	Battery Report	RF Receiver Check-In Interval	8 Hours	•
Enable Wire	less Keypad Tamper Detection		-	_
Enable 5800) RF Button Global Arm	RF XMTR Check-In Interval	6 Hours	-
Enable 5800) RF Button Force Arm		-	
Suppress RI	F Supervisory Audible	Wireless keypad partition assignment	5	1

Event Log Options

Set Event log options – options for LRR, time format, and printer.

		Alarm	Check	Bypass	Open/Close	System	Test
Eve	ent Log Types		Г	Γ	Γ	1	Г
LRR Categ	ory Enable for CS#1	F	Г	Г		E	Г
LRR Categ	ory Enable for CS#2		Г			E	Г
Home Contr	ol Event Report Types		Γ	Γ	Г	Г	Г
Time format	12 Hour		Printer rate	Baud	1200 💌		

Fire Options

Set fire options – bypass fire zones, options for waterflow supervisory zones, fire display lock, and so on.



Sounder Options

Specify the sounder options for different situations.

r Options ing Sound on AC Li	DSS	
	DSS	
Alarm Silenced	d By CODE+OFF	7
Smoke Detecto Battery Saver	or Reset	
Ins		
oral Pulsing		
ions		
	Steady	
ions		
	O Steady	
	Smoke Detect Battery Saver Alarm Silenced ons oral Pulsing	Alarm Silenced By CODE+#67 Ins Ion

Set remote access options. The **Read Only Panel Remote Access Enables** gives you an indication of the commands that you are allowed to execute through the communication server. **ATTENTION:** The enabling and disabling of the commands are done at the panel end. The user can only view the status here.

Remote Access	
Remote Access	Read Only Panel Remote Access Enable
Console Programming Mode	Dialer Shutdown
Local Programming Lockout	System Shutdown
	Remote Bypass
	👻 Remote Disarm
	Remote Arm
	Remote Upload
	Download

Users

In this screen you can record details of the panel users such as user name, code, access group, and partitions that the user can access.
8 8													
Jser Co	nfiguration	1											
ind User Co	de 3	_											
USER	CODE	USER NAME	MASTER	ACCESS	AUI DESC.	PI AOG8	P2 AOGB	P3 AOGB	P4 AOGB	PS AGGE	P6 AOG8	P7 AOGB	P8 AOG
1	5140	sal	1 P001	0	INSTLR	01744	OVININ	UNTER	OVNIN	OYNN	OYMN	OVININ	OVININ
2	1234	jim:	2 P2	1	MASTER	1YNN	ZNYN	SMM	41000	SNNN	6NNN	INNN:	2NNN
э	\$555	tony	3.93	2	HEAD	INNN	ONIN	11MN	1NNN	ONN	ONNN	ONN	ONIN
4	6666	webber	4 94	3	ASSIST	1YNN	ONIN	ONN	1NNN	ONNN	ONNN	ONNN	ONN
5													
6													
7													
8													
9													
10													
lser# 2	RF Key	1			J	Serial Nu Partn1: 7		-	Del	ete			
Pirtition	Authority Level	Open/Close	Global Arm	Group Bypassing		1			mments				
1	L Master	1	Г	Г	-	-		S	econd in C	ommand			
2	2 Manager		1										
3	3 Operator A	Γ	E	Г				1					
4	4 Operator B	Γ	1	Г									
5	5 Operator C	D	5	Г									
6	6 Duress			Г									
7	1 Master	Г		Г									
8	2.Manager		D	F									

Figure 6-12 Users

Zones

Zones, in the context of an alarm system, are individual sensors. If the alarm gets triggered, the system records the zones that were tripped, allowing you to know the exact point of action. Zones also help the monitoring station to know whether they should call the police or fire department upon an alarm. Each zone must be assigned to a partition.

Zone Configuration

In this interface you can configure all details related to each zone, such as the response type, report codes, input type, partition, loop and serial numbers, associated devices, relays, access points, bypasses, tamper options, vent options, faults and so on.

	Yew Tools	ninp.												
one	Configura	ation						_						
	-	Zone 3 to			-	Tr	igger or R523	2 options			Find Zone			
	(i) Yes		O Ne			(Trigger		O R5232			-	-		
ene Con	figuration													
Zone	Res	ponse	Description	Rpt	Partition	Input Type	Loop #	Serial #	Dell 1,2 Aux relat	r Smart device		Access	Entry Ex	x.=
1	22 - 0	isaming	balkony	1	1 P001	2 - RF Motion	1	1000000	6 - Bell 2 and Au	c +	NA	N/A	N/A	T
2	9 - Fire With	out Verification	roomt	z	2.P2	1 - Hardwired	N	-	6 - Bell 2 and Au	¢ •	N/A	N/A	N/A	
3	3-P	ermeter	100m2	3	3 #3	2 - R/F Motion	1	0000002	5 - Bell 1 and Au	¢ +	N/A	N/A	N/A	
4	3 - P	interer	terrace	4	4 P4	1 - Hardwired	N		5 - Bell 1 and Au	x	N/A	N/A	N/A	
5	3-P	erimeter	lawin	5	5.P5	2 - RF Motion	1	0000003	5 - Bell 1 and Au	ę 🐳	N/A	N/A	N/A	
6	3-P	referation		6	6-P6	1 + Hardwired	'N		5 - Bell 1 and Au	K +	N/A	N/A.	N/A	
7	10 - Inte	tor w/Delay		7	1 P001	2 - RF Motion	1.1	0000004	5 - Bell 1 and Au	¢ +	N/A	N/A.	N/A	
8	3-P	anda		8	1 P001	t - Hordwired	8		5 - Bell 1 and Au	s	N/A	N/A	reja.	č
she Con	Figuration Con	tinued_											-	
Zone	Panel Uniting ID	Bypass Group	Stay mode	-	Tamper Option	Vent Zone	Vent Re-An Zone	m Auto Stary	Arm Faulted	Forced Arm Faulted	Silent Burglary			-
1	N/A	NA	NA	-	N/A	NA	N/A	N/A	N/A	NA	N/A			-
2	N/A	N/A	N/A		0 - None	N/A	N/A	N/A	N/A	N/A	N/A			
3	N/A	0	0 - none		N/A	1	E	2	N/A	N/A	1			
4	N/A	0	0 - none		0 - None	v	F	12	N/A	N/A	12			
5	N/A	0	0 - none		N/A	v	1	5	N/A	N/A	1			
6	N/A	0	0 - none		0 - None	•	F	P	N/A	N/A	1			
7	N/A	0	0 - none		N/A	N/A	N/A	E		N/A	E			
8	N/A	0	0 - none		0 - None	C	E		N/A	N/A	17			-

Figure 6-13 Zone Configuration

Click Activate Reporting Zones to initiate zone reporting.

Cross-Zoning Pairs

The Cross-Zoning feature allows an alarm condition on any of the zones only when a combination of two zones is faulted within a specified period of each other. This prevents momentary faults from one of the zones causing an alarm condition. You can select a maximum of four pairs of cross-zones.

For example, for Vista250FBP Panel, you need to select a maximum of four pairs of cross-zones as shown in the following figure:

Zone pair	First zone	Second zone
1	0	1
2	2	3
3	4	5
4	6	7

Figure 6-14 Cross-Zoning pairs

Schedule

Under Schedule, you can configure the different time windows and schedules (weekly, holiday, temporary, limitation of access, and check-in), time-driven events, output device timers, and reports.

A time window is a period of time during which an event is permitted, or a specific time used to trigger an event.

Time windows are summarized as follows:

TIP

- Scheduled events are based on time windows, which are periods of time during which an event may take place.
- A time window is defined by a "Start" time and a "Stop" time.

The windows are shared by all partitions, and are used when programming time-driven events.



Temporary schedule and Weekly Schedule can be configured through the partition screen also.

Parameter

Allows you to...

Configure the time windows.

Time Windows

TIP: There are two methods of configuring the time windows. One is through the time controls, where you specify the Start time and End time. The other **newly introduced feature** allows you to set your start and end times by clicking your mouse in the graphical control chart and dragging it to specify the time.

Time Wind	low 5 💌			Sta	art Ti	me	ſ	07:02	АМ		3	i	ind T	īme		10:	4A 00	4		
						L	C	lear	Star	t Tim	ie					Cle	ar Ei	nd Ti	me	-
re Window	's Configuration	-					_	_		_		_	_		_	_	_			_
	Time Window	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	1
TW 1	Time Window 12:21 am to 11:07 am	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	1
TW 1 TW 2		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	1
1.10.2	12:21 am to 11:07 am	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	1
TW 2	12:21 am to 11:07 am 01:50 am to 01:14 pm	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	1

Weekly Schedules

Configure the delay, disarm, and warning periods, and auto arm times for each partition.

Each schedule for Open/close scheduling consists of one time window for openings and one time window for closings.

These time windows are represented graphically in the graphic control.

eekly Sche	dule								-									5
lect Partition 1 -	P1	•	Dela	y	4	8 - Minu	te 💌	Disan	n	5	2 - M	nute:	e w	aming		15	- Min	ute
Disarm out: if alarm occ	side window					P	artitio	n Auto	Arm T	imes	(Minu	tes) –						-
		Force	e Arr	m			4	Report	by exc	eption		V	Disarr	only c	uring a	open	window	v
Weekly Summary		-															-	2
Veekly Summary Day	Time Window		00	01 C	2 03	04 05	06	07 08	09	10	11 1	2 13	14 1	5 16	17	18	19	20
	Time Window TW1 (12:21 am to 11:07		00	01 0	2 03	04 05	06	07 08	09	10	11 1	2 13	14	5 16	17	18	19	20
Day	a de la companya de la	7 am)	00	01 0	2 03	04 05	06	07 08	09	10	11 1	2 13	14	5. 16	17	18	19	20

Holiday Schedules

Configure the holiday schedules for the partitions here.

liday Schedule								
HOLIDAY #	DATI	E	3	P1	P	2	P	3 F
1	Januar	y 1	1	~	F	7	F	7 1
2	March	24	1	~	Г		Г	٦ ۲
3	Not U	lolida	y Nur	nber	:2			×
4	Not l							
5	Not I				ich, 2			E
6	Not l	<u>Sun</u> 26	Mon 27	Tue 28	Wed 1	Thu 2	Fri 3	Sat 4
7	Not l	5	6	7	8	9	10	11
8	Not l	12 19	13 20	14 21	15 22	16 23	17	18 25
9	Not l	26	27	28	29	30	31	1
10	Not l	2	3	4	5	6	7	8
11	Not l		OK		-	CI	ose	
12	Not l	Ē	Anal		Ē	Ť 15-	المعدن	1
13	Notl	_	Apply		E.	Un	used	

Temporary Schedules

Configure the temporary open and close start and end times for any partition, for any day.

elect I-1	P1 1		Ope	n St	urt Tie	ne 0	2 G4 A)	M	*		ci	ose St	art 1	ime [236A	м	100			
artition						itlei	er One	n Start	Time	1				cie	ar Clo	ice S	tart	Time	1	
Incode	9.ab.s						ii ope	ni sun	rante	1					ai 20	190 2	car s	- inter	-	
ay Monday	1		Ope	n En	d Time	. 10	7.22 P	M	-			ose Er	d Th	- 1	1:07 P	M	-	-		
									-									2-4		
						Cle	ar Op	en End	Time	1				c	ear C	lose	End	Time	1	
									-	-				_				-	-	
reekday's Summar	v																			
Yeekday's Summar Day	V Time Window	00	01	02	03	04 05	06	07 08	09	10 11	12	13	14	15 1	6 17	18	19	20	21	2
		00	01	02	03	04 05	06	07 08	09	10 11	12	13	14	15 1	6 17	18	19	20	21	2
Day	Time Window	00	01	02	03	04 05	06	07 08	09	10 11	12	13	14	15 1	6 17	18	19	20	21	2
Day MON (Open)	The Window 02:04 am to 07:22 pm	00	01	02	03	04 05	06	07 08	09	10 11	12	13	14	15 1	6 17	10	19	20	21	2
Day MON (Open) MON (Close)	Time Window 02:04 am to 07:22 pm 02:36 am to 01:07 pm	00	01	02	03	04 05	06	07 08	09	10 11	12	13	14	15 1	6 17	10	19	20	21	2
Day MON (Open) MON (Close) TUE (Open)	Time Window 02:04 am to 07:22 pm 02:36 am to 01:07 pm 04:16 am to 04:48 pm	00	01	02	03	04 05	06	07 08	09	10 11	12	13	14	15 1	6 17	10	19	20	21	2
Day MON (Open) MON (Close) TUE (Open) TUE (Close)	Time Window 02:04 am to 07:22 pm 02:36 am to 01:07 pm 04:16 am to 04:48 pm 03:24 am to 04:04 pm	00	01	02	03	04 05	06	07 06	09	10 11	12	13	24		6 17	10	19	20	21	2
Day MON (Open) MON (Close) TUE (Open) TUE (Close) WED (Open)	Time Window 02:04 am to 07:22 pm 02:36 am to 01:07 pm 04:16 am to 04:48 pm 03:24 am to 04:04 pm 03:24 am to 04:04 pm 02:46 am to 03:12 pm	00	01	02	03	01 05	06	07 08	09	10 11	12	13	14		6 17	18	19	20	21	2
Day MON (Open) MON (Close) TUE (Open) TUE (Close) WED (Open) WED (Close)	Time Window 02:04 am to 07:22 pm 02:16 am to 01:07 pm 04:16 am to 04:40 pm 03:24 am to 04:04 pm 02:46 am to 04:04 pm 04:16 am to 06:55 pm	00	01	02	03	04 05	06	07 08	09	10 11	12	13	14		6 17	16	19	20	21	2
Day MON (Open) MON (Close) TLE (Open) TLE (Close) WED (Open) WED (Close) THU (Open)	Time Window 02:04 am to 07:22 pm 04:16 am to 01:07 pm 04:16 am to 04:48 pm 02:48 am to 04:09 pm 02:48 am to 04:09 pm 04:16 am to 08:55 pm 01:02 am to 08:19 pm	00	10	02	03	04 05	06	07 06	09	10 11	12	13	14			10	19	20	21	2

Limitation of Access Schedules

Configure the times at which certain windows are not accessible to certain groups.

nitation of	Access Schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ect Group 1	- G1 💌																
ess Limitation's	Summary	-	_	1		1	1			1				1			_
Day	Time Window	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	1
MON (Win 1)	TW1 (12:43 am to 06:40 am)				-					1	1.1		1		1		
MON (Win 2)	TW2 (02:45 am to 08:57 am)		1.1														
and the former - f																	

Time Driven Events

Configure time driven events here.

Time-Driven Events are time-based triggers for certain actions. Note that Time-Driven Events are optional and are not required to operate the system.

elect Event	1 - E1 💌		Description	trigger_alarm
ime Window	TW1 (12:43 am to 06:40	am) 💌	Action on	21 - Arm Away
ctivation	1 - Activated at Beginning	g of Time Window 🗾		
-		Frankfin		
	Valid Days	Specifier		Status
ব	Monday	Specifier	<u>र</u>	Partition # 1 Kitchen
7	Monday Tuesday	Specifier		Partition # 1 Kitchen Partition # 2
N	Monday Tuesday Wednesday	Specifier	L L	Partition # 1 Kitchen Partition # 2 Partition # 3
বাব	Monday Tuesday Wednesday Thursday	Specifier	র র 🗍	Partition # 1 Kitchen Partition # 2 Partition # 3 Partition # 4
N	Monday Tuesday Wednesday	Specifier	ন ন ন	Partition # 1 Kitchen Partition # 2 Partition # 3 Partition # 4 Partition # 5
द दा न द	Monday Tuesday Wednesday Thursday Friday	Specifier	র র 🗍	Partition # 1 Kitchen Partition # 2 Partition # 3 Partition # 4

Output Device Timer

Configure the on and off times for the different days for all the output devices used with the panel.

Jutpi	it Device Ti	mer								
līmer Ou	tput Programming	r ·		Clear T	ime					
TIMER	DEVICE	ON TIME	OFF TIME	MON	TUE	WED	THU	FRI	SAT	SUN
1	1 -	12:02 AM	05:00 AM	2	V	7		Γ	7	7
2	2 -	09:00 AM	12:00 PM		7	1	Г	V	2	Г
3	***NO RELAY**	;	;			Г	Г			Г

Check-in Schedules

Schedule check-in.

Example: If a quarterly check-in is scheduled, select the day of the month, and check-in time for each quarter.

Check In Sch	edule					
Check In Time	12:00 AM	=				
Interval Type	e					
None						
O Weekly	Day of Week	1	*	Quarter	Γ.	*
O Monthly	Day of Month	1	¥	Month of Year	-	¥
O Quarterly						
O Yearly						
-	-					

Scheduling Reports

Select the reports that you want to activate.

Scheduling Reports Scheduling Related Dialer Reports	-	_
REPORT CODES	1ST DIGIT	2ND DIGIT
EARLY OPENING	Í	2
EARLY CLOSING	3	4
LATE OPENING	5	6
LATE CLOSING	7	8
NO OPENING	9	А
NO CLOSING	В	С
AUTO-ARM FAILURE	D	E
ACCESS SCHEDULE CHANGED	F	0
T		•

Relay

Relays, used in conjunction with the control panel, are programmable switches that can be used for performing many different functions. They can be used for turning the lights ON and OFF, control sounders and doors, or for status indications. In this system, each device must be programmed as to how to act (ACTION), when to activate (START), and when to deactivate (STOP).

This control supports up to eight 4204 or sixteen 4204CF Relay Modules. Each 4204 Module provides four relays with Form C (normally-open and normally-closed) contacts. This means you can program up to thirty-two relays to activate and de-activate, as required. Each 4204CF Module adds two

additional style-Y supervised bell outputs to the system. If 4204CF Modules are used, only relays 1 and 3 on each module can be programmed. The other two relays (2 and 4) on each module are used for supervision purposes.

Configure the following under Relay:

	Options	S	Allows you	to
	meout options	e re th ti	configure the long and s ach of the access contr elay timeout function is nat disables the relay af me.	ol relays. The an alarm feature
	Partition#	Partition Description	ACCESS CONTROL RELAY	1
	1	P1	2	
	2	P2	3	
	3	P3	1	
	4	P4	0 ***NO RELAY***	
	5	P5	71	
	6	P6	5	
	7	P7	3	
	8	P8	96	
č	TimeOutLong	120	TimeOutShort (0 - 127)	90

Relay Zone List

Assign a zone to a zone list. Select the zone, and the list that you would like to assign it to, and click **Associate**. The association is displayed in the grid. To dissociate, click **DisAssociate**.

	e Lists													-		
	Select Zone										Seles	tList				
	Zone #1 Parti Zone #2 Partil Zone #2 Partil Zone #4 Partil Zone #6 Partil Zone #7 Partil Zone #7 Partil Zone #971 Pa	tion #2 tion #3 tion #4 tion #6 tion #6 tion #1 tion #1	IN/A		-						List List List List List List List	2 3 4 5 6 7 8				
Zope Lis					As	sociate				-	DisA	ssocial	te	1		
Zone	Zone Description	1	2	3	4	5	6	7	0	9.	10	11	12	17	14	15
1	balcony	P	7	F	17	7	V	F	F	F	F	F	F	F	F	17
2	Impon	Г	Г	Г	Г	E	E	Г	Г	E	E	Г	Г	Г	Г	7
2	room2		P	-	P	F	7		Г	Г	Г	1		-	-	7
4	terrace	Г	F	E	E	E	Г	C	Г	E	E	Г	Г	-	1	E
5	lawn-	Г	Г	1	Г	Γ.	-		Г	Г	Г	1	7	2	1	1
6		Г	F	Г	2	F	P	-	Г	Г	Г	4	1	1	Г	
7		Г	Г		Г	Π	Г	1	1	Г	4	4	Г	Г		Г
0		Г		1	Г		Г	5	1	E	Г		Г	-	P	
971		\[Г		Г	Г	Г	-	Г	Г	Г	Г	Г	Г	П	
972	-	Г	Г	-	Г	Г	7	0	1	Г	17	Γ.	1	1	1	Г
973			Г	Π	Г	Π	Г	Г	1	Г	Г	Г	Г	Г	Г	Γ
974		Г	Γ.	Г	Г	Г	Г	Г	Г	Г	Г	Г	Г	-	Г	
		Г	1	7	2	•	7		Г	Г	1	7	7	7	1	1
995		F	F	1	17	1	V	1	1	Г	₹	1	P	P	1	F
995 996		12	12.0													

Output devices

Configure output relay devices.



Voice Description

Configure the descriptions for panels supporting voice alarms. The 'Old Word' columns are non-editable, and they take the existing value of the descriptions. Change the 'New Word' columns to the most recent description.

/oice	Descriptio	n		_	_	
Relay	Old Word1	Old Word2	Old Word3	New Word1	New Word2	New Word3
1	CENTRAL	AREA	CLOSED	CENTRAL	AREA	CLOSED
2	Third	APARTMENT	ALARM	Third	APARTMENT	ALARM
3	ALARM	Off	NA	ALARM	On 💌	NA

Access

The configuration of the access groups, access points, and card data is done in this section of the panel application.

Parameter	Allows you to…
Access Group	Define the access group configuration.
	An access group provides a means of defining which access points can be used, when, and by whom. Any, all, or no access points may be assigned to an access group. Schedules, when assigned to an access group, define the times at which the access points will allow access. The access group can be assigned to a particular cardholder, thereby defining who will be granted access through specified access points during specified periods of time.
	A special 'executive privilege' attribute allows access anywhere, anytime to the cardholder assigned to the access group.

artition ialer	Access	Area and						
		Group						
ialer	Access Gr	oup Configuration					_	
				1				
evice	Group	Group Enable Status	Trace	Executive Privilege	Partition armed	restriction	-	
lobals	1	Enabled	1	E	Partition(s):3		- Ind	
sers	2	Disabled	E	2	Partition(s):1, 2, 3			
ones	3	Enabled	V		Partition(s):2			
chedule	- 4	Disabled	Ē	2	Partition(s):6, 7			
elays	5	Enabled	V	F	Partition(s):7, 8	-		
ccess	6	Disabled	Ē	L D	Partition(s):			
Access Group	7	Enabled	1	Ē	Partition(s):		-	
Access Point	L . I	Endbiod	12	1 0.0	i di		<u> </u>	
Event Action	Entry Eve	nt/Action:			Eggress Event	Action:		
 Card Data 	_	-				1		
	Point #	1	<u>.</u>		Point#	2		
	Event Typ	e 2 - Access	request 💌		Event Type	4 - Any request	•	
	Action Or	Arm/Disarr	n 💌		Action On	Bypass	•	
	Action Ty	pe 22 - Disarn	n	ž	Action Type	31 Auto unbypass-	Zone List	_
	Partition Specifier	Partiti	ion 1		Zone List #	7	_	-
		Partiti	ion 2					
		Partiti	ion 3					
		Partiti	ion 4					
		Partiti	ion 5					
		Partiti	ion 6					
		Partiti	ion 7					
		Partiti	ion 8					
hange & Compare								

Access Point

Configure access points.

An access point is a particular point of passage over which we have control. There are a number of components that can be associated with the access point, which helps to reinforce the desired level of security.

Acces	s point									
Access Po	oint Configurat	tion		_	_					
Point#	Status	Re-latch logic	DSM/DSMB Configuration	GP Z	one	Reader Position	Reader Configuration	ReqToExit Enable	ReqToExit Door Strike	ReqToExit Retrigger
1	1 Bypassed	On Door Close	Normally Closed	Normally	Closed	Entry	Weigand Card	1	2	2
2	2 Locked	Ón Door Ópen	EÖLR N.Ö.	EOLR	N.Ô,	Entry	Weigand Card	~	~	~
3	3 Exit Only	On Door Open	EOLR N.C.	EOLR	N.C.	Exit	Weigand Card	~	~	1
4	Unused	On Door Close	Normally Open	Normally	Open	Entry	Weigand Card	•	2	Г
5	Unused	On Door Close	Normally Open	Normally	Open	Entry	Weigand Card	7	2	F
6	Unused	On Door Close	Normally Open	Normally	Open	Entry	Weigand Card		~	- E
7	Unused	On Door Close	Normally Open	Normally	Open	Entry	Weigand Card		~	Г
8	Unused	On Door Close	Normally Open	Normally	Open	Entry	Weigand Card	2	1	E
9	Unused	On Door Close	Normally Open	Normally	Open	Entry	Weigand Card	V	2	E
10	Unused	On Door Close	Normally Open	Normally	Open	Entry	Weigand Card	2	~	- E
11	Unused	On Door Close	Normally Open	Normally	Open	Entry	Weigand Card			E
12	Unused	On Door Close	Normally Open	Normally	Open	Entry	Weigand Card	V	7	Г,
	proups through	this point								N
1	Group 1		Deer	Dpen Time	3 Sec		-	Trigger activation	1 Discrete	Control
1	Group 2							mode		
V	Group 3		Boor .		10 Se	d-	*	Trigger On time	1 Sec	
V	Group 4		Trigge	er/Timeout						
1	Group 5		Pre-a	larm	Trigge	r Not Use	d 👻	Trigger Off	I Sec	-
V	Group 6		timeo				-	time	Te and	
V	Group 7								-	
*			E.					Trigger repeat	D - Continu	10/15

Event Action

Configure actions corresponding to certain events.

Event Act	ion			
Event Number	1 💌			
Event Type	Partition	Action On	Relay	•
Event	2 Disarm By Partition, partition # entry(1-8)	Action Type	1 - Relay On	
Partition	Partition 1			
Specifier	Partition 2	Relay #	3	•
	Partition 3			
	Partition 4	¥alid Bays	Monday	
	Partition 5		2	
	Partition 6		Tuesday Tuesday	
			Wednesday	
Time Window	TW01 (12:26 am to 07:09 am)		🔲 Thursday	
			🔽 Friday	
			🔲 Saturday	
			🔲 Sunday	
			🔲 Holiday	

Card Data

Configure the access card.

The details of privileges, access group to which the card belongs, event types and actions, number of usages, and the expiration date recorded in this screen.

Click Add Card and enter Enrollment number to begin access configuration.



Change and Compare

The Change and Compare screen has options to view changes made to Saved, Default, Uploaded and CurrentEdit data and at the same time compare data between any two E2 images.

Change

Change allows you to see the changes you have made to a view after the last 'Save' operation. To see the changes made to any view select the **View** from the Menu bar. You may select Current Edit, Saved, Default, or Uploaded View. The grid displays the changes that were made to the particular view after the last 'Save' operation. You can select to overwrite the new value with the old value of the features by selecting the appropriate checkbox, or for all features at once by selecting **Select All**. Then click **Merge Selected** to overwrite the values.

The number of changes to the view is displayed at the bottom of the screen.

Note that the **Compare** and **With** fields are disabled when the Change option is selected.

File View Tools Help					
2 ?					
Ø ×	Change & Compare				
Partition					
Dialer					
Device	Options	¢	ompare Saved	G	0
Slobals	Ochange(changes in Saved View)				
lsers	O Compare(comparison of different e2 views)	v	Current Edit	-	Select All
Zones Schedule					
elays	Feature Description	Index	Old Value	New Value	Overwrite New value with Ol Value in Saved View
Access	Enable Fire & System Bypass	1	Only Installer can Bypass Fir	Allow Installer or Master to B	7
Change _Compare	Waterflow Silence Option	1	Waterflow Supervisory Zone	Waterflow Supervisory Zone	2
 Change Compare 	First Alarm Display Lock	1	Scroll All Fire Alarms	Lock Display Of first Fire Alarm	
	Use Extended Delay Times For Waterflow and Fire Superv	1	Disabled	Enabled	2
	Waterflow & Fire Supervision Delay	1	Ø	2	2
	Bell 2 Reset After 2nd Off	1	Disabled	Enabled	
	1				
	No of Differences in Saved View is 6				

Figure 6-15 Change

Compare

Use the Compare option to compare your Saved, Default, Uploaded or Current Edit values for each feature with any of the values in the other three E2 views. For example, the Saved value of a feature can be compared with the Default, Uploaded or Current Edit value for the feature.

To compare, select the values to be compared from the drop-downs for **Compare** and **With**. Click **Go**. The features and the comparison of values are displayed in the grid.

The number of differences between the compared values is displayed at the bottom of the screen.

You can overwrite the values for each feature by selecting the **Overwrite...** option in the last column of the grid. To replace all the values with the modified value, select **Select All** above the grid. Click **Merge Selected** to replace the values.

3 %					
artition	Change & Compare				
ialer					
evice	Options	Compare	Saved	-	
lobals		compare	Jaaved	<u></u>	Go
Isers	O Change(changes in Current Edit View)		Current E	dit 🗾	
ones	 Compare(comparison of different e2 views) 	With	JCurrent		🛄 Select All
chedule					
elays	Feature Description	Index	Saved	Current Edit	Overwrite Current value wit Saved
ccess	Supervision Pulses For LRR Fire Alarm Trigger Enable	1	Disabled	Enabled	
hange _Compare	Supervision Pulses For LRR Silent Panic Trigger Enable		Disabled	Enabled	Ē
Change Compare	Voice Module Access Code, 1st Digit, (0-9)	1	0	2	E .
	Voice Module Access Code, 1st Digit, (8-9)	1	*	#	
	Supervision Pulses For LRR Supervisory Enable	1	Disabled	* Enabled	Ē
	Supervision Pulses For LRR Trouble Enable	1	Disabled	Enabled	F
	RF Receiver Type	1	0	2	Ē
	RF Low/ Medium/ High	1	0	2	E E
		Per St. al			

Figure 6-16 Compare

History

The **ShowLog** screen shows the history of the changed data. The previous and changed values of the feature are displayed. You can specify the date range between which you want the history data. The data in the grid can also be sorted based on the date/ feature description / Operator name. Click **Refresh Data** to refresh the screen.

Partition	Show Log		_		_	
Dialer	Start 1/6	/2006 11:47:54 AM - End Pres	ent	- Sert By	Date •	Refresh Data
Device	Operator		T	-	-	1
Globals	Name	Feature Description	Index	Date Time	Old Value	New Value
Jsers	Master	Master Partition	3	1/6/2006 11:49:18 A	M Disabled	Enabled
Zones	Master	User Code	3	1/6/2006 11:49:18 4	м	1237
Schedule	Master	ACCOUNT DATA SAVED!	0	1/6/2006 11:47:54 4	.M	Current Edit
Relays	Master	Partition Entry Delay 1	1	1/6/2006 11:47:54 #	M 30 sec	60 sec
Access	Master	Partition Exit Delay 2	1	1/6/2006 11:47:54 #	M 120 sec	150 sec.
Change _Compare	Master	Partition Entry Delay 2	1	1/6/2006 11:47:54 4	M 90 sec	135 sec
History	Master	Partition Exit Delay 1	1	1/6/2006 11:47:54 4	M 60 sec	75 sec
ShowLog	Master	Random Timers	1	1/6/2006 11:47:54 4	M Enabled	Disabled
	Master	Permanent Backlight Enable	1	1/6/2006 11:47:54 4	M Enabled	Disabled
	Master	Zone Input Type	5	1/6/2006 11:47:54 A	M 1	3
	Master	Zones - Bell & Aux Relay Activation	5	1/6/2006 11:47:54 4	M 5 - Bell 1 and Au	6 - Bell 2 and Aux
	Master	Zone Response Type	5	1/6/2006 11:47:54 #	M 3 - Perimeter	5 - Trouble Day/Alarm Nigh
	Master	Relay List Assignment For ECP Zones -Zone 804	11	1/6/2006 11:47:54 #	M Enabled	Disabled
	Master	Relay List Assignment For ECP Zones -Zone 804	10	1/6/2006 11:47:54 4	M Enabled	Disabled
	Master	Relay List Assignment For ECP Zones -Zone 804	2	1/6/2006 11:47:54 4	M Enabled	Disabled
	Master	Relay List Assignment For Relay Zones -Zone 602	15	1/6/2006 11:47:54 4	M Enabled	Disabled
	Master	Relay List Assignment For Relay Zones -Zone 602	12	1/6/2006 11:47:54 #	M Enabled	Disabled
	Master	Relay List Assignment For Relay Zones -Zone 602	11	1/6/2006 11:47:54 A	M Enabled	Disabled
	Master	Relay List Assignment For Relay Zones -Zone 601	12	1/6/2006 11:47:54 4	M Enabled	Disabled
	Master	Relay List Assignment For Relay Zones -Zone 601	11	1/6/2006 11:47:54 4	M Enabled	Disabled
	Master	Relay List Assignment For Normal Zones -Zone	3	1/6/2006 11:47:54 #	M Enabled	Disabled
	Master	Relay List Assignment For Normal Zones -Zone	2	1/6/2006 11:47:54 #	M Enabled	Disabled
	Master	Partition Primary Sub Id	1	1/6/2006 11:47:54 4	M 1122	1122
	at 1	And the second				1

Figure 6-17 History

5.4 Using Templates

Templates are used to create "master" files for control panel programming data to speed up programming of a new account. A template gives you a very quick and easy way to add a customer's alarm control programming information.



To access the available Template screen, click **Templates** at the top of the Compass Shell screen. The following screen is displayed:

es D	g perators	Templates	Modems		Unattended	Exit		: MASTER : 11/28/2008		
vailable [*] <u>E</u> dit E <u>x</u> po Impo	n			Search Templat	e Name Begins	s with		Panel < All > All f	- Pevs	Search All Accounts
T emplate sahsh	Name							el Name 2508P-1		
		Add		Modify		Cystomer D	ata	Delete	Close	Record 1 o

Figure 6-18 Available Templates

Creating New Templates

To create a new template, click **Templates** at the top of the Customer Information screen, perform the following steps:

Step	Action
1	Click Add in the available templates window (refer to Figure 6-18 Available Templates).
	The screen displayed allows you to type the control panel type, the revision, and a name for this template.
	Panel Template Data
	Panel Template Data

Template Name	Revision	-	
	Tomolata N		
<u>[</u>	i emplate N	ame	
	<u>r</u>		_

2 Click **Ok** to save, or **Cancel** to close without saving.

To edit the data you have saved, click **Edit** to the top-left of the Template Name column (refer to Figure 6-18 Available Templates).

The **Panel Template Data** dialog box opens again and allows you to make changes to the Revision and Template Name.



Modifying Templates

To modify an existing template, perform the following steps:

Step	Action
1	Click the Templates icon at the top of the Customer Information screen.
2	Select the template from the Templates list.
3	Click Modify . The alarm control Panel Edit screen opens, where you can program the template information.
4	When you have completed setting up the template, select Close and then Save to save the information.

Deleting Templates

Use the **Delete** button on the available templates window (refer to Figure 6-18 Available Templates) to delete an existing template. Confirm deletion when prompted.

Setting Up an Existing Customer Template

3

To use another customer's account data as a template, perform the following steps:

Step	Action
1	Create a new template as detailed in the section Creating New Templates .
2	Click Customer Data.
	The Select Customer Data dialog box is displayed.
	Select Customer Data to use as template
	Enter the receiver and account number of a customer's panel to be used to copy to a template.
	Panel Name-Revision: Vista100-3
	Copy From: Copy From: Copy Count Number Concel

3 Type the **Receiver Number** and the **Account Number** of the customer account to be copied.

4 Click **Ok** to copy the customer details to the template. Confirm the operation when prompted.

Using a Template to Create a New Account

Templates speed up the process of programming a control panel.

To use a template to program a control panel, perform the following steps:

Step	Action
1	Create a new account or highlight on the Customer Information screen the account that the template is to be applied to.
2	Click Lemplate, at the bottom of the Customer screen. The following screen is displayed:
	Update Panel Data from Template
	Template Name NewCust
	<u>D</u> K <u>C</u> ancel

- **3** Select the template to be applied to the account.
- 4 Click OK. The GUISubscriber Tools dialog box is displayed.



5 Click **Yes** to update the Panel data from the selected template.

5.5 Copying an Account

The Copy command can be used in place of Templates to copy programming information quickly from one control to another.

To copy an account, perform the following steps:

Step	Action
1	Click Copy at the bottom of the Customer screen.
	The following dialog box is displayed.

	receiver and account m existing or new panel.	umber of a customer's panel to be	used to
Copy From:	Panel N Receiver Number 47562	lame-Revision: Vista50PEN-1 Account Number 2342	
	y To Receiver Nu		
	Enter new Receiver-Acc		Cancel

- 2 Type the **Receiver** and **Account** number of the control panel from which the programming information is to be copied.
- 3 Type the receiver and account number of the panel to be copied.
- 4 Selecting **Create New Panel** creates a new panel with the panel type corresponding to the destination account and copies all the data to the new account.



ATTENTION

An account can be copied only to another account that uses the same control panel type and revision.

6. Interactive Communications

6.1 On-Line Communications

The redesigned Compass 2.0 Communication Server (Commserver) supports a set of panels with the Ademco, FBII, and Apex protocols. You can continue to use the Compass 16 communication server for the unsupported panels.

The following chapter guides you through Interactive Communications for Ademco, FBII, and Apex control panels.

6.2 Ademco

Launching the Ademco Commserver

To launch Interactive Communications with an Ademco panel, perform the following steps:

The Panel Programming screen is displayed.

Step	Action
1	From the Customer Account Screen, customer table, select an Ademco customer.
2	Click Modify in the Panel Options toolbar.

Panel for Compass 16

sta128FB-4 1003-1002 - * EDIT * - [Dialer] le Communications! View Search Features Window	Help			 6
nition Dialer Device Globals Users Zones	7 7 7	ccess Change History Close		-12
Report Codes Dialer Features	System Non Alarm Codes Tx Formats	Pager Dptions Communications	 Reporting Options	
Receiver Number	1003	Dial Tone Pause:	5 Seconds	-
Primary Account #	1002 Edit	Dial Tone Detection	. Wait for true dial tone	<u>*</u>
PABX Access code		View CSID		
Primary Phone #:		Call Waiting Defeat		
Secondary Phone #:		Louch-Tone with Rotary Backup	3	
🕅 Enable <u>M</u> ain Dialer 🗖 Enable <u>B</u>	ackup Dialer	Download Information		
Access Dialer Enables	E Bypass	Download I	Phone	
☐ System ☐ Alarm		🗵 Download without Caliback		
Max. Dialer Retries	4	C Disable <u>Station</u> Initiated Do	ownload	
Primary Dialing Method		C Answering Machine Defeat		
Rotary O Touch-	fone	Mumber of Rings	10	
Backup Dialing Method				
Rotary O Touch-	lone			
ws the panel to dial using rotary service if not suc	essful using Touch Tone			1*33

Panel for Compass 2.0

File View Tools	Help								
8 8									
@ x Partition	Partition	1							
Dation 1 Zones	Description	P001		Prim. Sub #	In .		Alpha 1	****DISARME	D****
Devices Users	Name	Kitchen		Sec. Sub #	1234		Alpha 2	READY TO A	RM
 Weekly Sches Temporary Sc 	System Opti	ions :				Macro Ke	ey Assignment :		
 Parttion 2 Parttion 3. 	Entry Delay 1	30 sec 💌				'A' Key	0 - PANIC 9	95 FUNCTION	995 Panic Enable fo W key/(* and 1) Ke
Partition 4 Partition 5	Exit Delay 1	60 sec 💌	 Multiple slams per arming Permanent 		h annang dom tavers	'B' Key		under Silence 💌	999 Paric Enable fo B' key/(* and #) Ko
Partsion 6 Partsion 7	Entry Delay 2	30 sec •	Allow GOTO In other partitions			"L" Key		under Silence	C kary/(# and 3) K
Partition 8 Common Data Add partition	Prevent Zone XXX Bypass	15 -	and the second					mmon Data" under ti	he Partitions Tab]
fierrona partition	Display for Oth		Burglary and Pan	ic alarms 🔲 1	roubles				
	Sounder Op	tions :				Commun	ication Options	*	
Dialer			Belli Belliz Relay			1 Se	nd 'Cancel # ALARM	H+ OFF	
Device	Confirmation	of arming ding	4 1 4			2 Bu	rglary Nam comm. I	Delay	15 -
Globals	Chine on e	oternal siren	D R D			177 12	triggers Outputs	Swing Suppression	
Users	Sounder b	ineout (min).	8 8 B			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and this corputs	Count (00-1	5)
Zones									
Schedule						Dialer repor	rts		
Relays			Console Anouncial	tion During Entry		E Pa	nic Zone 995 (*+1)	Pan	ic Zone 996 (#+3)
Access	(2) Consol	e Annuncietion Di	ang Est O 3 beeps	0	Continuous		nic Zone 999 (*+#)		ic Duress
Change & Compan						U Pa		[] iven	C. Lord Co.
History									

3 Select **Communications** from the "Tools" option in the menu bar of the Panel Programming screen. You can alternatively click the Communication Toolbar button as high-lighted below -



The Compass Communications screen for the selected account is displayed.

ubscriber Information			
Last Name	First Name	Panel Name Dest	iny6100
Receiver # DOC Account #	3003 Revision		
Commands	Selecte	ed Commands	
DownloadAll EventLogUpload			100
SetTime/Date UploadAll			<u>-</u>
	20 50	* -Execution	in Progress
	Commands sel	Hected to be processed #Execution &Execution	Completed
Active Port :			
Modem :			
Modem :			X

Figure 7-1 Compass Communication - Ademco Interactive UI

Click File> Communication Settings.

4

The Communication Settings screen is displayed.

			or Compass 2.0 supported panels nunication/Unattended Server UI.
Select Company			
Ademco/First Alert	-		
Modem Settings			
Select COM ports			Configure COM ports
Standard Modems		Custom M	Aodems :
CNone> Ademco CIA 2400 Hayes Accura 144 V4.0 Hayes Optima 336 Exten Hayes Optima SMARTMI Hayes Smartmodem 120	DDEM 2400	4	
dieto -		Add	Ear Deele Deele All
F Toluch Turn	Dial Out Prefix		
🔽 Speakin Sin 🔽 On Alter Correct.	Modern Volume	1900	E

5 Ademco is selected as the default company as you have selected a customer who uses an Ademco panel.

After the modem is configured, click $\ensuremath{\textbf{Apply}}$. Click $\ensuremath{\textbf{OK}}$ to close the Modem dialog box.

REFERENCE– INTERNAL: For more information on modem setup see **2.2 Setting up the Modem**.

6 Click **Connect** on the Communications screen. The Communications dialog box is displayed:

Comm Port	-
1 - Ademco CIA 2400-Compass 2.	0
Connection Details	
Initiate From PC	
Answering Machine Defeat	Use Account CSID
	C First Time Communication
Increase Priority	🕅 Acot # in Panel
Enable TCP/IP	
Panel Phone	
Panel Phone 00113871237	<u>Save</u> <u>U</u> ndo

Figure 7-2 Communications - Connection Details

Configure the connection details here.

- 7 Select the **Comm Port** from the drop-down.
- 8 In the Initiate From box, select the origin of the call. It might be PC or Panel.

If your control is directly connected to your computer's serial port, (if supported by the control) select **Direct**. In **Direct**, the PC and Panel are connected by a RS232 cable.

On some panels, a **Telco** option is also available. The setup in Telco is very similar to Direct except that there are telephone handsets placed at both ends that enable voice communication.



9

ATTENTION: The Direct and Telco modes are only for Interactive Communications. They are not applicable to Unattended Communications.

Select **Answering Machine Defeat** if there is an answering machine at the premises. The ring count in the panel should be programmed for 15.



REFERENCE– INTERNAL: For more information, refer to Configuring for Answering Machine Defeat.

10 Type the **panel phone number** if it is not already entered in the Customer Detail screen.

To save the phone number, select **Save** to the right of the control panel phone number. This is the number used for calling this particular panel, and is displayed on both the Customer Detail and Communications screens.



TIP: If you need to change the number, type the new number and select **Save** again. The old number is overwritten. If you want to temporarily use another number, type it, and after the session, select **Undo**. You are asked if you want to restore the earlier number. Select **OK**.

11 To use the TCP/IP connection, select **Enable TCP/IP**.

The following window is displayed:

TCPIP Port	
TCPIP 1	
Connection Details	Use Account CSID
	C First Time Communication
	🔽 Acct # in Panel
Network Device MAC Addr 0 Connection Mode	Central Station 1 IP
0	2419 2040
Connection Mode	2419 2040

12 Select TCP/IP port from the drop-down.

Select the required option for **Connection Mode** - Direct Wire or ECP, based on whether you want to connect to the Panel through Direct Wire or through ECP.

If you want to communicate over an Intranet, select the option **Private LAN** and select **Central Station 1 IP** and/or **Central Station 2 IP** from a list of the 7810iR Device names that you have configured through File -> Device and Computer Names/ IP Addresses.



REFERENCE– INTERNAL: For more information, refer to 2.4 Mapping Devices to IP.

If you want to communicate with the panel over Internet (through AlarmNet-i Control Server), select the option **AlarmNet-i**.

REFERENCE– INTERNAL: For information on configuring the Alarmnet-i URL, refer to **2.2 Setting up the Modem**.

14 Type the **Network Device MAC Addr** (IP communication Device MAC address) if it is not already entered in the Customer Detail screen.

To save the MAC address, select **Save**. This is the address used for connecting to this particular panel through TCP/IP, and is displayed on both the Customer Detail and Communications screens.

13

TIP: If you need to change the address, type the new address and select Save again. The old address is overwritten. If you want to temporarily use another address, type it, and after the session, select Undo. You are asked if you want to restore the earlier address. Select OK.

15 Some panels, like the Lynx family panels, support a Flexible Callback Option. The Download phone number that you type in the dialer screen of the panel (see figure below) is used as the basis for the callback number.

<u>S</u> ystem	Globals	Dialer	<u>U</u> sers <u>Z</u> ones	X-10/Schedule	Change	History	Close
Phone	Information	Comm	unications Re	port Codes			
A	ccount / Pl	none Info	ormation				
		R	eceiver Number	Doc			
		5	ubscriber Acct N	umber 2050	-		Edit
		P.	ABX Access Nu	nber	-	1	
		P	rimary Phone Nu	mber			
		S	econdary Phone	Number			
		D	ownload Phone	Number 1234	1567		

The figure below shows the Flexible Callback Phone Number option. This option allows you to change the last three digits of the configured callback number.

Communications	×
Comm Port	
1 - Ademco CIA 2400 For Compa	ss 32 💌
Connection Details	
Initiate From PC]
🔽 Answering Machine Defeat	Use Account CSID
	C First Time Communication
	🔽 Acot # in Panel
Panel Phone	
Panel Phone 12121	<u>Saye</u>
Flexible Callback Phone Number-	
Callback Number + 3 Dig	
12344 + 567	Save Undo Panel
Connect	Cancel

16 Select Use Account CSID if the panel you want to communicate with has already been downloaded. Otherwise, select First Time Communication and select Acct # in Panel if the account number is available in the panel.

If the panel is yet unprogrammed, select **First Time Communication** without selecting Acct # in the panel.

- 17 Click Connect.
- 18 The PC calls the panel if Initiate From PC was selected.

If Callback is enabled, the modem disconnects and waits for the panel to call back.

If Initiate from Panel was selected, the Installer Code + [#] + [1] must be entered at the panel keypad, which causes the panel to call the PC. The progress of the connection is displayed at the bottom of the screen.

After the initial exchange and verification of the CSID and the subscriber account number, a **Status** screen is displayed. This screen displays the current status of the panel:

-	Partition - 1	X	
Mis	c Status Specific General Status		
•	Disarmed (Ready	to arm)	



ATTENTION

If you select **First Time Communication**: The panel must be programmed for a **Ring Detect** greater than zero, and a **Download Callback Number**. If Callback is disabled at the panel, you must also enable **Download Without Callback** in the Downloader.

If you select USE ACCOUNT CSID:

- The panel must have a **Ring Detect Count** greater than zero.
- If the panel has Callback enabled, a Download Callback Number must also be programmed.
- If Callback is disabled at the panel, you must enable **Download Without Callback** in the Downloader.
- The subscriber's account number must be programmed into the panel and must match what is in the Downloader.

If any of these items do not match, the panel does not get on-line with the Downloader.

Available Options in Ademco

There are various settings you can configure from the **Options** menu in the Communications Menu bar.



ATTENTION

In Unattended Communications, the options are accessible from the Settings button of the Setup window. For more information, refer to step 3 of Setting up Ademco Unattended Mode .

Options	Activity Log	<u>S</u> tatus	Help
Down	load warning	-	
Caller	ID		
Answ	er on Two Rin	gs.	
Auto /	Answer Machin	ne Defea	t ,
Telco	on all panels		
✓ Altern	ate Protocol		
Веер	on Connect		
Busyl	Detect		

Figure 7-3 Ademco Communication Options

Option	Description
Download Warning	Issues warning, if you attempt to download without first performing an upload during the current communication session.
	You can still perform the download without performing the upload.
Caller ID	Displays the Caller's information on the Customer Detail screen during the connection.
Answer on Two Rings	Answers an incoming call on the second ring. This is particularly useful while using the Caller ID feature. The Caller ID signal is sent between the first and second rings.
Auto Answer Machine Defect	If this option is selected, the answering machine is automatically defeated irrespective of whether manual defeat is selected or not.
Telco on all Panels	All connections are made through the Telco mode irrespective of selection in the communication window.
Alternate Protocol	Helps to maintain the connection when disconnect problems occur during upload/download.
Beep on Connect	Causes the computer to beep when a connection to the panel is established.
Busy Detect	Enables the X4 option of the modem, which reports if the phone is busy.

Log reports available in Ademco

Event Logs, or the list of all events with the time and date are recorded in Ademco, as in all the other protocols. However, in some high-end panels of Ademco, in addition to Event Logs, other options like ECP (Expander Console Protocol) reports, Fire Test reports, and Unsolicited alarm reports. They are explained as follows:

- ECP Reports: Lists all the addressable devices connected to the system (keypads, voice module, and other devices).
- Fire Test Reports: Views the results of the Fire Walk Tests that have been logged onto the panel.
- Unsolicited Alarms: Lists all alarms that have occurred when on-line.



REFERENCE- INTERNAL

For more information on Event logs, refer to 6.5 Event Logs and Viewing Event Log (Ademco) (in section **9.3**.).

Configuring for Answering Machine Defeat

Sometimes the Downloader might have to initiate calls to sites that have an answering machine. In such cases, you must ensure that the call is picked by the panel and not by the answering machine.

To do that, perform the following actions:

- 1. Enable the modem speaker in the Downloader Communications screen so that you can hear the phone ringing at the site.
- 2. Enable **Answering Machine Defeat** in the Connect screen of the Downloader or in the **Dialer** section of the panel programming screen.
- 3. Program the panel's **Ring Detect Count** for 15 rings.

To initiate connection to a site with an answering machine, perform the following steps:

Step	Action				
1	Select Answering Machine De screen.	efeat on the Downloader Communications			
	Connection Details Initiate From Postanta				
	Answering Machine Defeat	Use Account CSID			
		C First Time Communication			
		🔽 Acet # in Panel			
	A prompt appears asking you to	o "Press Escape or Click OK after first Ping"			

A prompt appears asking you to "Press Escape or Click OK after first Ring". Press the Escape key or click **OK**.

- 2 The first call is disconnected immediately and a second call is made. The panel picks up on the first or second ring of the second call, 'defeating' the answering machine. If the panel is programmed for Callback Required, it hangs up and calls the PC.
- **3** The PC takes the call and a connection is established.

6.3 FBII

Launching the FBII Commserver

Step

To launch Interactive Communications with an FBII panel, perform the following steps:

- 1 Go to the **Customer Account Screen** and select the FBII customer from the grid.
- 2 Click **Modify** in the Panel Options toolbar.

The Panel Programming screen for the selected panel is displayed.

Dialer U:	sers	System Attributes	Zones/Ke	yFobs	Change	History	Close	1	
aler Options Pag	per Options	1							
wnloading Informat	on				G	ieneral Infor	nation		
User <u>O</u> nline Dov	unloading Unatton		000000000	003				my Account	1001 Edit
	Calibaci Pager P						580	onoary Account	
Ring Information	i agei i	none				Dialing T	pe		Pulse Type
	uropear	n <u>R</u> ing Detect Ring Detect Cour	nt 12]		<u>F</u> ouch Tone <u>P</u> ulse		O <u>E</u> uropean ⊛ <u>U</u> S
ntral Station Inform	ation								
ſ	<u>D</u> ialer I	Disable							
		Primary Phone	234		F	ormats Mes	sage Formal		
		Secondary Phone					ADEMCO CI		2
Dialer Delay							ave Fame		
• <u>1</u> 5 Secs.		O <u>3</u> 0 S	iecs				0 PPS 1400		7
staller Information		Installer Code	2468					ly Plante	C Pana.
					D		nable <u>S</u> plit F		

3 Select **Communications!** from the menu bar of the Panel Programming screen.

The Compass Communication screen is displayed.

ast Name	First Nam	ie	Pa	anel Name Omni624EUv1	
leceiver # DOC	Account # 20	02	Revision	Sub Rev	
Commands		Selec	ted Commands		
Arm Clear Relays Clear Tamper Disarm Download All (w/o RF) Download All Event Log Upload Event Log Upload Event Log Upload Event Log Reset Reset Swinger Count Status TimeSet Upload All (w/o RF)					
			0.0.3	 * -Execution in Progress # -Execution Completed 8: -Execution Failed 	
Active Port :					
Modem :			1		

Figure 7-4 Compass Communication - FBII Interactive UI

Communications		_	_	_
Comm Port		_	_	-
1 - Ademco CIA 2400	for FBII - Co	ompass2.0)	-
Connection Details				
Initiate From	Panel			*
	Panel Telco			
	1000			_
Panel Phone				-
-	3	eve	Unde	3
			-	_
1	-	-	-	

4 Click **Connect**. The Communications dialog box is displayed.

5 In the Initiate From box, select the origin of the call. It could be PC or Telco.

If your control is directly connected to your computer's serial port, select **Telco**. In **Telco**, the PC and Panel are connected by an RS232 cable. Telephone handsets at both ends enable voice communication.

Compass initiates communications with the panel. When on-line, you can modify the existing account programming information and perform a number of online commands.



Setting up the Modem for FBII panels

To configure the modem for FBII panels, perform the following steps:

Step	Action						
1	Click File> Communication Setup in the menu bar.						
	The following screen is displayed:						
	Communication Settings						
	Select Company C Ademco/First Alert C Apex C FBII						
	Modem Settings						
	System COM Ports : This application can configure moderns for Compass 2.0 supported panels only. For Compass 16 use						
	COM1 Select COM Ports Modern Setup from their respective servers.						
	Standard Modems : Custom Modems : Ademco CIA 2400 for FBII - Compass2.0						
	Hayes Optima 336 External - Compass 2.0 Hayes Smartnodem 2400 FAX-Compass2.0 Hayes SMARTMODEM 2400-Compass 2.0						
	View Add Edit Delete Delete All						
	Dial Out Prefix						
	V Touch Tone						
	I Speaker Dn Modem Volume Medium ▼ I ff After Connect						
	REFERENCE- INTERNAL: For more information on modem setup,						

see 2.2 Setting up the Modem.

- 2 FBII is selected as the default company. You can select a modem from the available list or click **Add** under Custom Modems, to configure a new modem that is not in the list.
- 3 Select the COM Port.
- 4 Select Touch Tone and Speaker on, if required. Adjust Volume.
- 5 Type the **Dial Out Prefix**.
- 6 Configure the FBII F7702 Interface.

REFERENCE- INTERNAL: For details on configuring the Interface, refer to FBII F7702 Interface.

7 Click OK.

Available Options in FBII

Click Options in the menu bar to view the different options available in FBII panels.

Options		
 Show Activity 		
🗸 Turbo Mode		
✓ Auto Initialize Modem		
Connect Speed	Þ	Normal Connect
Problematic Modem	•	✓ Fast Connect
Set Time On Disconnect		Super Fast Connect

Figure 7-5 FBII Communication Options

Option	Description
Show Activity	If this option is enabled, the UI shows the progress of communication activities like send/receive data. This is applicable only to Compass 16, and not to Compass 2.0.
Turbo Mode	If this option is selected, no status request occurs between commands.
	A status request is sent only if there are no pending commands, or if the command requires a status command to end.
Auto Initialize Modem	This option initializes the modem on connect.
Connect Speed	It is the speed at which the connection is made. You can choose Normal, Fast, or Super Fast.
Problematic Modem	This option is used to help diagnose and bypass modem problems.
	The DTR (data terminal ready) line is used to get the modem's attention. Sometimes this line is not well connected to the cable running from the PC to the modem.

	To check for a bad cable set:		
	 Choose the Toggle DTR On First Command and Drop DTR 3.1 Seconds options. 		
	2 Do a fake Connect Panel Initiated.		
	3 If the Modem Status TR indicator light goes off on the screen but not on the modem, the DTR signal is not getting through to the modem.		
	4 This can probably be corrected by replacing the modem cable. If replacing the cable does not correct the "Unable to put modem in command state" problem, select the Alternate At/Hangup (Bad Modem Cable) option.		
Alternate AT/Hangup	This option changes the method used for obtaining get the modem's attention and disconnects the modem by an alternate method.		
Set Time On Disconnect	You can set time on disconnect Always , Never , or when Prompted .		

6.4 Apex

Launching the Apex Commserver

To launch Interactive Communications with an Apex panel, perform the following steps:

Step	Action				
1	Go to the Customer Account Screen and select an Apex customer from the customer table.				

2 Click **Modify** in the Panel Options toolbar.

The Panel Programming screen for the selected panel is displayed.

ater Device [lobals Epdes Zones	Channel F	Partition	Change	History	Close			
Dialer	Features		Tx For	nats		Reporting Options			
	Receiver Number		1004						
	Primary Account 4	#	1003		Edit				
	Secondary Accou	unt #				Inactivity Times			
						Auto Hangup		15 seconds	Ì
						Program Mode	Auto Exit	60 seconds	•
	Dialing Method		Touch	Tone	•				
	# Rings Before Pi	ickup	10 ring	\$	<u>•</u>	Disable Dial Tone Detect			
	Answering Machir	ne Override	#		-	🗖 Display Communicator Failure on Ke	eypad		
¥ait Time For						Auto Communicator Test			
	Off Hook Listen In	[120 secor	nds	<u>×</u>	Scheduling	monthly		
	Central Station Han	ndshake	25 second	ls	<u>×</u>		Luoning		
	2-Way Voice Callba	ack [2 minutes		•	Test Date	1st day e	of the month	2
	Answering Service	Ovenide 7	25 second	ls	<u>.</u>	Time to Run Test	12:00AM	N.	
	Answering Service	Override	25 second	ls	*	Tune to Hun Test	12:00AM		

3 Select **Communications!** from the menu bar of the Panel Programming screen.

Compass Communications e Activity Log Help Debug		_	
Subscriber Information			
Last Name First	Name	Panel Name	Destiny6100
Receiver # DOC Account # 3003	Revision		
Commands	Selecter	d Commands	
DownloadAll EventLogUpload SetTime/Date UploadAll			
	Commands sele	cted to be processed #E	xecution in Progress xecution Completed xecution Failed
Active Port : Modem :			
	ENT .		X
Connect	Event Log	Modify	Close

The **Compass Communication** screen is displayed.

Figure 7-6 Compass Communication - Apex Interactive UI

4 Click File> Communication Setup in the menu bar.

The following screen is displayed:

Select Company		npass 16 Communication/Unattended Server UI
Ademco/First Alert	J	
Modem Settings Select COM ports		Configure COM ports
Standard Modems		Custom Modems :
Ademco CIA 2400 Hayes Accura 144 V4.0 Hayes Optima 336 Exter Hayes Optima SMARTMO Hayes Smartmodem 120	DEM 2400	<
Viaw		Add Eat Deale Deale A
F Tauch Tan	Dial Out Prefix	
🕅 Spaake un	Modem Volume	

The modem setup is very similar to Ademco. For more information, refer to **2.2** Setting up the Modem.
6 After the modem is set up, click **Connect** in **Compass Communications**. The following screen is displayed:

	Connection Trees	
	Connection Type	Modem 💌
Answering Ma	chine Override Digit	#
	PC Access Code	**12

- 7 Type the **Panel Phone** number.
- 8 Select the **Connection Type** and **Answering Machine Override Digit**. The PC Access Code is passed internally. Do not type it.
- 9 Click Connect.

6.5 Event Logs



Event Logs can be viewed either by clicking Event Log at the bottom panel of **Compass Communications**, or through **File>View Logs>Event Logs** in the menu bar of the same screen. The Event Log is displayed as illustrated below.

	ceiver Group	A	ccount	
	Panel			
.00	Information			
S	ort By			
ľ	reation Date	-	Befres	h
-	Creation Date	Description	Last Modified Date	
•	6/28/2005 2:37:23 PM		6/28/2005 2:37:23 PM	
-	6/28/2005 2:37:38 PM	Saved Log	6/28/2005 2:37:38 PM	
	6/28/2005 2:37:52 PM	Saved Log	6/28/2005 2:37:52 PM	
		Saved Log	6/28/2005 2:38:06 PM	
	6/28/2005 2:38:06 PM		6/28/2005 2:38:21 PM	
	6/28/2005 2:38:06 PM 6/28/2005 2:38:21 PM	Saved_Log	072072000 2.00.21111	
			6/28/2005 2:38:35 PM	
	6/28/2005 2:38:21 PM	Saved_Log		
	6/28/2005 2:38:21 PM 6/28/2005 2:38:35 PM	Saved_Log Saved_Log	6/28/2005 2:38:35 PM	

Figure 7-7 Event Log - Interactive Communication

To obtain the details of the event, select a row and click **View Log**, or double-click the row. The **Event Log Response** screen is displayed as illustrated below.

Date 6/28/2005	Time 4:10:00 PM	Event Poin E-302-Low system batte 0

Figure 7-8 Event Log Response - Interactive Communication

The details of the selected log recorded are displayed here. You can click **24 hour** to see the time in a 24 hour format. To print the details, click **Print**.

7. Unattended Communications

7.1 Unattended Operation

Unattended Operation allows communication between the Downloader and the control panel even in the absence of the operator.



ATTENTION

'Unattended Mode' in Compass 16 is renamed as 'Scheduled Mode' in Compass 2.0. We have used 'Unattended' and 'Scheduled' interchangeably in this user guide.

There are three types of Unattended modes available in Compass. They are: Unsolicited Mode, Scheduled Mode, and Mixed Mode.

Unsolicited Mode

In the Unsolicited mode, the Server is not informed in advance that a panel is calling in. When a Server receives a call from a panel, it must determine what type of panel it is communicating with, and perform the appropriate task.

Scheduled Mode

In the scheduled mode, the Server checks for scheduled jobs to be performed on a panel at a certain time. At the scheduled time, the Server connects and performs the tasks scheduled by the operator for the panel.

In this case, the PC initiates the call or calls the panel, disconnects, and waits for a callback.



REFERENCE-INTERNAL

For more information on how the scheduled mode of operation works, refer to **Working of the Scheduled Mode**.

Mixed Mode

In the mixed mode, both Unsolicited and Scheduled modes are activated. The Server operates in the Unsolicited and Scheduled modes simultaneously. It executes scheduled jobs at their pre-defined times; and, when not busy, answers unsolicited calls. This is the default mode and recommended mode of Unattended operation.

7.2 Assigning Receiver Groups

You can add, edit, or delete a mapping of Receiver Group to Primary Phone number using the Receiver Group Assignment function.

You may assign duplicate account numbers to accounts programmed to report to different central station primary phone numbers. When duplicate account numbers are used during uploading, the Receiver Group Assignment option prevents one account from overwriting another that has the same account number.

When a control panel using the primary telephone number that is associated with a Receiver Group calls for uploading, it is automatically connected to the corresponding Receiver Group.

To assign receiver groups to phone numbers, perform the following steps:

Step	Action
1	On the Customer screen menu of the Downloader, select File > Receiver Group / CS Phone #.

2 Click Add in the Receiver Group Options in the bottom toolbar of the screen.

Receiver Group	
Receiver Group	Primary Phone #

3 Type the Receiver Group details (It takes a maximum of six characters or numbers) and the corresponding primary phone number.

Receiver Group	
песенег стоор	LL.
P	Primary Phone #
Heceiver broup	
Receiver Group 3123	89083198
3123	89083198

- 4 Click **Ok**. (When the screen is in Add Mode, the Add button is changed to Ok button)
- 5 Enter a different Receiver Group for each central station primary phone number that you use.



ATTENTION

If the Downloader does not have a corresponding Receiver Group for a primary phone number, when it receives an unsolicited call from a control panel for uploading, the Receiver Group displayed for that phone number appears as a series of six question marks (?????).

7.3 Viewing Scheduled Jobs

To view scheduled jobs, perform the following steps:

Step 1 Action

Click **Unattended Jobs** in the top left of the Customer Information screen. The following screen is displayed:

		Unattended Job Status All Schedule	d Jobs	Search Option		legins with		Search
ort by: - Revr - Acct #		Start Date End Date	572572005 <u>1</u> 572872005 <u>7</u>	1 Panel (All > T All Bevs				
Rovr - Acct #	Unattended Time	Account Created	Last Name	First Name	Zip Code	Business	Panel Name	Panel Phone
•	Information		Schedule	Customer Op	itions Detail	De	ete	Exit

2 The Viewer displays the Unattended Job Status, the Start Date and the End Date.

Inattended		
Job Status		
All Schedul	ed Jobs	
Start Date	5 /10/2005	
order b dro	1 371072003	<u> </u>

3 The drop-down list shows the jobs in various categories.

U	nattended
	Job Status
	Unsolicited 🔹
	Unsolicited All Scheduled Jobs Scheduled Jobs - Dialup Scheduled Jobs - TCPIP Pending Jobs Finished Expired/Failed

Choose the type of Unattended Jobs you want to view based on the following description:

Category	Description
Unsolicited	Accounts that were created/updated through an unsolicited call from a panel.
All Scheduled Jobs	All scheduled jobs, regardless of status.
Scheduled Jobs -Dialup	All scheduled jobs for dialup connection.
Scheduled Jobs -TCP/IP	All scheduled jobs for TCP/IP connection.
Pending Jobs	Scheduled jobs for the unattended server that are not yet executed.
Finished	Any job (unsolicited or scheduled) that is done.
Expired / Failed	Scheduled jobs that did not finish in the required time frame/ jobs that were not completed.
	the isle status antions and the data information alight

4 After choosing one of the job status options and the date information, click **Search** on the upper right of the screen to complete the selection. The scheduled jobs and their status are displayed in a grid as illustrated below:

Unattended Job Status [XII Scheduled Jobs			Search Options	Acct # Begin	ins with		iearch	
ort by: - Revr - Acct #	-	110/2005 • I		Panel C All >				
Rcvr - Acct # Start DateTime D0C-1001 May 12 04:17P	End DateTime May 13 06:14P	Status Pending	Last Attempt	Operator Master	Panel Name Vista50PEN-1	Last Name	Retry count 0	
1 1							+ +	
ast Communication: 5/11/2005 2:4	18:53 PM Status: Pend	Schedule	Customer Opti	ons	Delete	F	lecord 1 of 1	

Viewing the Commands and Activity Log Information

For information on the status of the Unattended tasks and commands, click **Information** in the Panel Options of the Unattended tasks **Viewer**.

The Unattended Batch Commands screen is displayed.

12:51:27 PM	UploadRelay	
12:51:48 PM	Status	
12:52:13 PM	Arm Partition 1	
12:52:39 PM	Disarm Partition 1	
12:56:27 PM	CsidChange first_time	
12:56:42 PM	EventLogOpenClose	
12:57:07 PM	DialerOff Partition 1	
12:57:33 PM	DialerOn Partition 1	
12:57:47 PM	TimeSet - 05/17/2005 12:43PM	
essage		
m (Partition 1) Unsuc	cessful - Disarmed (Not ready to arm)	

Figure 8-1 Unattended Batch Commands - Commands

Select **Commands** to see the list of jobs scheduled for the selected batch (row). Any information related to the command is displayed in the Message box.

Select **Activity Log** to display the Activity Log for the selected job. The commands that have not been executed are indicated with an "*".

C Commands * = Failed	Acl	tivity Log
5/13/2005 5/13/2005	17:31 17:31	Attempting to connect with panel Vista50PEN - Acct#: D Disconnect Vista50PEN - Acct#: DOC - 1001 - for Control
Message Attempting to cor	nect with	panel Vista50PEN - Acct#: DOC - 1001

Figure 8-2 Unattended Batch Commands - Activity log

Opening the Scheduler

Click **Schedule** under Panel Options of the Viewer screen. This option lets you open the scheduler and select more commands for scheduling.

Viewing Customer Account Details

Click **Detail** under Customer Options of the Viewer screen to obtain the details of the customer account. The screen is not editable, but you can print it.

Customer Detail				×
Subscriber Data				
Receiver	Account	Last Name	First Name	
DOC	1001			
Barineur		Vaice Phone	Fax	
Address 1		Address 2		
City	510	le Zipcode Z	ip Ext	
User Defined Fit	eld T	Uter Defined Field	2	
Panel Data		Notes		
Panel	Revision			-
Vista50PEN	Vista50PEN-1	-		
Class	Panel Phone Nu	mber		
	* 8198			
Caller ID				
				Ŧ
			Print	Cancel
				TIONERS .

Figure 8-3 View Customer Detail

Deleting Unattended Jobs

To delete unattended jobs:

From the list of unattended jobs displayed in the Viewer grid, select the or be deleted.									
Start DateTime	End DateTime	Status	Last Attempt	Operator	Panel Name	Last Name	Retry		
May 12 04:17P	May 13 06:14P	Pending		Master	Vista50PEN-1		0		
								+	
							-	+	
				-			_	7	
								+	
	-			-				+	
				_				-	
			2					1	
				-			-	+	
								7	
								1	
		_		-				+	
		+			ь — ь			l	
	be delete	be deleted. Start DateTime End DateTime	be deleted. Start DateTime End DateTime Status	be deleted. Start DateTime End DateTime Status Last Attempt	be deleted. Start DateTime End DateTime Status Last Attempt Operator	be deleted. Statt DateTime End DateTime Status Last Attempt Operator Panel Name	be deleted. Start DateTime End DateTime Status Last Attempt Operator Panel Name Last Name	be deleted. Start DateTime End DateTime Status Last Attempt Operator Panel Name Last Name Retry count	

2 Click **Delete** in Customer Options.

The Delete Unattended Log dialog box is displayed with the option to delete only the Current job, or all the jobs.

3 Select the appropriate option.

		-	
• Delete Current	Unattended Job		
C Delete All Jobs	with Currently Sel	ected Criteria	
	Dk	Cancel	

3 Click Ok.



TIP

After deleting an Unattended job, click **Search** to refresh the screen.

7.4 Using Unattended Mode

Working of the Scheduled Mode

The Scheduled Mode works for Ademco, FBII, and Apex protocols as follows:

Step	Action
1	The Server checks the unattended queue for jobs to be performed in the current time frame.
	For example, jobs can be scheduled to occur during specific time windows, such as between 10 AM today and 3 PM tomorrow. An attempt to connect to the panel is made only during the specified time range.
2	The server picks the next job to be performed in the time period and attempts to connect to the panel.
3	If the connection to the panel fails, another attempt is made 5 minutes from the current time, then the next at 15 minutes after that, and the final attempt at 30 minutes after that.
4	After a successful connection is made to the panel, the Server performs the scheduled tasks.



Step

ATTENTION

If you schedule a second job for the same account, the new job replaces the original one and only the new job appears in the queue.

Starting the Unattended Server

To start the Unattended Server, perform the following steps:

Action

To start the Unattended Server, click Unattended on the Downloader Shell screen toolbar.

The Launch Unattended Server dialog box is displayed.

2 Select between Compass 16 and Compass 2.0, based on the panel being used.

F

ATTENTION: Compass 2.0 may fail to handle the calls coming from unsupported panels. In case of unsolicited mode, use separate phone lines for Compass 16 and Compass 2.0.

TIP: To see the list of panels supported by Compass 2.0 and panels supported only by Compass 16, click **Help** of the Launch Unattended Server dialog.

3 Click OK.

The Scheduler Activities Viewer screen is displayed:



Select the **Server Type** and the **Port Name** from the drop-downs at the top of the screen.



5 Follow the steps for individual Server types as detailed in the following sections.

7.5 Ademco Unattended Communications

Setting up Ademco Unattended Mode

To set up Ademco Unattended Mode, perform the following steps:

Step	A	ction					
1	Follow the steps for starting the unatt Unattended Server .	llow the steps for starting the unattended server as detailed in Starting the nattended Server.					
2	Select the Server Type as Ademco a	and select the corresponding Port Name.					
3	Click Setup . The following screen is displayed:						
	Setup	×					
	Server mode Image: Activate Unattended Server Image: Activate Unsolicited Server	Auto save					
	Unsolici	ited Settings					
	Select CSID to use Station First time	Phone line Hunt group					
	Select action after Upload All :						
	If account exists	If account does not exists					
	Disconnect Download Account CSID to Panel Download Account Program Data	C Disconnect					
	Settings	K Cancel					

4

Setting	Description
Server mode	Select the server you want to activate– Unattended or Unsolicited. Selecting both gives you the Mixed mode.
Auto Save	Selecting this option enables the unattended server to save all the uploade data from the panel automatically to the database. You need not save it from pan application each time an upload happens during unsolicited or unattended mode.
Select CSID to use	Based on whether you are connecting wi an unprogrammed panel, or a panel that already downloaded, select First Time o Station .
	ATTENTION: If this is not correctly selected, it affects the Incoming call and CPC connection.
Phone line Hunt group	This option only affects panels that requi callback and if you are using multiple unattended servers on a phone line hunt group.
	If a PC initiated Unattended batch connection is attempted and the panel requires callback, the CSID for the special account is saved along with the time that the panel hung up to do the callback. The panel then calls back in 35 seconds.
	If a phone line hunt group is used, the panel may call back to a different unattended server. The unattended serve answers the call and finds out that it is a response to a call that the PC had initiate 35 seconds back.
	The server tries to save the CSID instead of the default CSID usually attempted for unsolicited uploads.
	All PCs running as unattended servers must have their clocks set accurately with one minute of each other.
Select action after Upload All:	
If account exists:	Select one of the following:
Disconnect	Disconnect from Panel
Download Account CSID to Panel	Download the Account CSID information from the PC to the panel
if account does not exist:	Select one of the following:
Disconnect	Disconnect from Panel

Download Account CSID to Panel

Download the Account CSID information from the PC to the panel

5 Click OK.

The COM Port is started. The Subscriber Information, Panel Information, details of the scheduled jobs, and the Activity Log are displayed in the **Scheduler Activities Viewer**.

ver Type : ADEMCO Port Name : COM 2 - NONE	Setup Refrest Port Exit
11 - ADEMCO	
0 Pending Jobs 0 Retry Jobs <u>View Details</u> Befresh	Stop
ubscriber Information	Panel Information
ubmitted Date - Time :	Account Number :
ownload Date - Time :	Panel :
ccount Number :	Revision :
eceiver Group	Sequence Number :
irst Name :	Primary Phone Number :
ast Name :	Commands
usiness .	
ob Name :	
WAITING FOR INCOMING CALL	
ctivity Log	
Date: Time Activity 5/13/2005 3.24:37 PM Port activity statted 5/13/2005 3.24:40 PM Attempting to connect with panel Vista50PEN - Accttt: 5/13/2005 3.25:38 PM Disconnect Vista50PEN - Accttt: 5/13/2005 3.25:38 PM Disconnect Vista50PEN - Accttt:	DC-1001 irmatch
Clear Log	Save in Text Print Log

Figure 8-4 Scheduler Activities Viewer - Activity Log

- 6 You can **print** the Activity Log, **save** it as a text file or simply **clear** it from the screen using the relevant buttons at the bottom of the screen.
- 7 To stop the activity of the Com Port, click the **Stop** button above **Panel Information**.

To restart, click Start.

The Setup screen is again displayed for configuration.

Scheduling Ademco Unattended Jobs

To schedule Ademco Unattended jobs, perform the following steps:

Step	Action
1	Follow the steps for starting the unattended server as detailed in Starting the Unattended Server .
2	To schedule an unattended job, click the account in the Customer grid. Click the Schedule button located in the Panel Options area of the screen. The Scheduler is displayed as illustrated below:

ast Name	Penny			First Name	Ruth	1
Last Ivanie					1	
Receiver Gr	oup 47562		Account #	2342	Panel Name	Vista50PEN
ommands				Selected Com	mands	
)ownloadSo)ownloadSy JploadAcce JploadAll JploadAlpha JploadRelay	istem ssData			DownloadAlpha DownloadScheo DownloadSyster UploadAccessD UploadRelay Disarm	dule m	
JploadSche JploadSyste rm	m					
hangePhon sidChange	e#					
isarm			<u></u>			
-			100 M			
	Schedule Process Bet	ween Date		Between Times		
	Start Date	5./13/2005	-] St	art Time 4:55.01	v	Now
	And	1.00.0000		And		
	End Date	5 /14/2005	➡ En	d Time 6 :53:47	PM +	

3 Select the commands to be scheduled and move them to the **Selected Commands** list.

REFERENCE- INTERNAL: For more information on selecting commands, refer to 8.1 Selecting a Command.

4 Select the start and end dates, and the start and end times.

Click Schedule.

5

The following screen is displayed:

s [©] Communications	×
Connection Details Initiate From PC	
Answering Machine Defeat	Use Account CSID
	C First Time Communication
☑ Increase Priority	🔽 Acct # in Panel
Enable TCP/IP	
Panel Phone 00113871237	tent styme
Schedule	Cancel

- 6 Note that **PC** and **Panel** are the only "Initiate from" options available here. Select one of them, based on whether you want the call to be made by the PC, or the Panel.
- 7 Select the **Answering Machine Defeat** and **Increase Priority** options if required.

ATTENTION: When you select the **Increase Priority** option, the job is placed high on the list of tasks and run before other less priority jobs. This feature is applicable only for Unattended mode.

8 Type the Panel Phone number.



TIP: To save this phone number, click Save.

If this phone number is for this session only, and you do not want to overwrite an already saved number, click **Undo** at the end of the session. The previous phone number is retained.

- Communications X **Connection Details** Use Account CSID C First Time Communication Acct # in Panel ▼ Enable TCP/IP Network Device MAC Addr 0020D0006633 **Connection Mode** Central Station 1 IP ECP + IP + Central Station 2 IP C AlarmNet-i . Private LAN NOT USED -Connect Cancel
- 9 To use the TCP/IP connection, select **Enable TCP/IP**.

- **10** Select the required option for **Connection Mode** Direct Wire or ECP, based on whether you want to connect to the Panel through Direct Wire or through ECP.
- 11 If you want to communicate over the Intranet, select the option **Private LAN** and select **Central Station 1 IP** and/or **Central Station 2 IP** from a list of the 7810iR Device names that you have configured through File -> Device and Computer Names/ IP Addresses.

REFERENCE- INTERNAL: For more information, refer to 2.4 Mapping Devices to IP.

12 If you want to communicate with the panel over the Internet (through AlarmNet-i Control Server), select the option AlarmNet-i.

뮫

REFERENCE– INTERNAL: For information on configuring the Alarmnet-i URL, refer to **2.2 Setting up the Modem**.

- 13 Click Schedule.
- 14 The scheduled tasks are taken up and completed on priority. You can view the details of the processing in the Activity Log of the Scheduler Activities Viewer.

Subscriber Information	Panel Information
Submitted Date • Time : 5/17/2005 3:42:04 PM	Account Number 1001
Download Date - Time : 5/17/2005 3:43:00 PM	Panel : Vista50PEN
Account Number : 1001	Revision 3.29
Receiver Group : DOC	Sequence Number : 1
First Name :	Primary Phone Number 183
Last Name :	Commands
Business :	国ChangePhone 国CsidChange
CONNECTED. PROCESSING JOB Intern	mediate UploadAll - Receiving CRC of segment D4
CONNECTED. PROCESSING JOB Intern	mediate UploadAll - Receiving CRC of segment D4
CONNECTED. PROCESSING JOB Intern	9 Acet#: DDC - 1001 29 Acet#: DDC - 1001 29 Acet#: DDC - 1001

15 The **Viewer-[Customers]** screen shows the status of the batch. For information on the individual tasks, click **Information**. Click **Commands** to see the status of commands execution. Click **Activity Log** to see a listing of all the activities since the batch was scheduled.

REFERENCE- INTERNAL: For more information on accessing the Viewer screen, refer to 7.3 Viewing Scheduled Jobs .

C Commands	· AC	tivity Log				
* = Failed		Date 17-May-05				
5/17/2005	15:43	Attempting to connect with panel Vista50PEN - Acc				
5/17/2005	15:43	Attempting to Connect with CSID#1				
5/17/2005	15:43	Connected Vista50PEN - 3.29 Acct#: DOC - 1001				
5/17/2005	15:43	Partition 8 is not ready to arm due to fault conditions				
5/17/2005	15:43	Start Arm - Partition 1 COMMAND Vista50PEN - 3.29				
5/17/2005	15:44	Finish Arm - Partition 1 COMMAND Vista50PEN - 3.29				
5/17/2005	15:44	15:44 Start Disarm - Partition 1 COMMAND Vista50PEN - 3.29				
5/17/2005	15:44	Finish Disarm - Partition 1 COMMAND Vista50PEN - 3				
5/17/2005	15:44 Partition 8 is not ready to arm due to fault conditions					
lessage	nnect with	panel Vista50PEN - Acct#: DOC - 1001				
lessage	nnect with	panel Vista50PEN - Acct#: DOC - 1001				
lessage	nnect with	panel Vista50PEN - Acct#: DOC - 1001				
lessage	nnect with	panel Vista50PEN - Acct#: DOC - 1001				
lessage	nnect with	panel Vista50PEN - Acct#: DOC - 1001 Print Log Clos				

How the Ademco Unsolicited Mode works

Preparing the Server to Receive Unsolicited calls

To prepare an Ademco server to receive unsolicited calls, perform the following steps:

Step	Action
1	Start the unattended server as detailed in Starting the Unattended Server .
2	Select the Server Type as Ademco and select the corresponding Port Name.
3	Select Unsolicited Server in Server Mode.

4 Select the action to be taken when the panel calls in.

The Unsolicited Setup Screen prompts the operator to define the actions that the Server must perform after uploading data from the panel (described in section Setting up Ademco Unattended Mode).

elect CSID to use	-F Phone line Hunt group
Station	
C First time	Help
elect action after Upload All :	
If account exists	If account does not exists
Oisconnect	C Disconnect
	C Download Account CSID to Panel
C Download Account CSID to Panel	a section and the section of the

5 Start the Server in Answer mode so that any incoming calls are answered.

Working of the Ademco Unsolicited Mode

Step	Action
1	The panel calls the Compass Downloader.
2	The server identifies the panel type, and the panel information is uploaded to the server.
3	The server extracts the primary phone number information just uploaded and determines if a receiver group is assigned to that phone number.
	It checks for this within the Receiver Group/CS Phone number table previously set up by the operator.
	REFERENCE- INTERNAL: For more information on Receiver Group assignment, refer to 7.2 Assigning Receiver Groups.
4	If the primary phone number has a receiver group assigned to it, then the assigned receiver group together with the account number sent from the panel is defined as the unique Compass Account number within the Downloader.
	If the account already exists, and the panel type is correct, unsolicited operation continues. If this unique Compass Account number does not exist in the Downloader, then the Downloader generates a new number.
5	If a primary phone number does not have a receiver group assigned to it, then the receiver group is assigned a value of "??????", indicating that this record is incomplete.
	The defined Compass Account number is "??????" and the account number sent from the panel.
	Note that this defined Compass Account may not be unique. If this unique Compass Account number does not exist in the Downloader, then the Downloader generates a new number.

After a Compass Account has been identified, the Server checks for jobs scheduled to be done with the panel initiated option and those tasks are executed based on priority.

If no jobs are found, it performs actions pre-defined by the operator in the Unsolicited Setup screen.

Setting Up an Ademco Panel to Call an Unsolicited Server

6

To setup an Ademco panel to call an unsolicited server, perform the following steps:

Step Action 1 Program the primary phone number, account number, and download phone number in the Ademco panel.

Partition	Dialer Device	Globals User	s <u>Z</u> ones	Schedule	Relay A	ccess	C <u>h</u> ange	History	Close		
	Report Codes	1	-	System Non A	darm Codes		1	-	Pager Options	1	
	Dialer Features	1		Tx Forma	ts)		Cor	nmunications	1	F
		eceiver Number imary Account I	I	2342	Edit			Dial	Tone Detection:	Wait for true d	ial tone
	PABX Acc					_		-	-1		
							Vier	# CSID			
	Primary Pl	hone #:					Call <u>W</u> ai	iting Defe	at		
	Secondar	y Phone #:			_		Touch-T	one with	Rotary Backup		

Ensure that the primary phone number has a receiver group assigned to it 2 within the Downloader.



ATTENTION: This phone number field does not take any characters other than numbers.



REFERENCE- INTERNAL: For more information on Receiver group assignment, refer to 7.2 Assigning Receiver Groups.

During the handshake between the Server and the Ademco panel, the Ademco panel passes the programmed account number.

After the connection between the Server and the Ademco panel is established, the Server requests an upload so that it can retrieve the primary phone number programmed. As mentioned above, the Server uses the primary phone number and account number programmed to determine the Compass Account.

7.6 FBII Unattended Communications

Setting up FBII Unattended Mode

To select FBII Unattended Mode, perform the following steps:

Step	Action
1	Start the Unattended Server.
	REFERENCE- INTERNAL: Refer to Starting the Unattended Server.
2	Select the Server Type as FBII from the drop-down list and select the appropriate port.
3	Click Setup.
	The following dialog box is displayed:
	Setup
	Server mode Image: Activate Unattended Server Image: Activate Unsolicited Server Auto save
	Auto save Uploaded data

4 Select the required options and click **OK**.

REFERENCE- INTERNAL: For more information on the options, see Step 4 of Setting up Ademco Unattended Mode .

Scheduling FBII Unattended Jobs

To schedule FBII Unattended jobs, perform the following steps:

Step	Action
1	Start the Unattended server.
	REFERENCE- INTERNAL: Refer to Starting the Unattended Server
2	To schedule an unattended job, click the account in the Customer table. Then click the Schedule button located in the Panel Options area of the screen.
	The Scheduler is displayed.

	riber Inform	nation		_			
Last Na	ime			Fir	st Name		
Receive	er Group	000	Account	# 2002	Panel Nam	e Omni624EUy1	
Commar	nds			Select	ed Commands		_
Downloa Downloa Event Lo EventLo	mper ad All (w/o R ad RF adAll og Upload gReset winger Count				<u></u>		
Γ	Schedule	Process Betv	veen Date	F	letween Times		1
		Start Date	5./20/2005 -	Start Time	3.35/19 PM	Now -	
		And	1	And	1 1		
	-	End Date	5/21/2005 💌	End Time	5:35:18 PM	_	
			0		x		

3 Select the commands to be scheduled and move them to the **Selected Commands** list.

REFERENCE– INTERNAL: For more information on selecting commands, refer to 8.1 Selecting a Command.



ATTENTION: Note that the FBII protocol does not allow selection of some of the commands multiple times, unlike Ademco. However, you can select any number of different commands.

- 4 Select the start and end dates, and the start and end times.
- 5 Click Schedule.

The **Communications** screen is displayed.

Communications	
Sonnoodori D'otalia	C 2 Call Method
	Increase Priority
Panel Phone	



How the FBII Unsolicited Mode works

The FBII unsolicited mode of working is as follows:

Step	Action
1	The Unattended Server is started, and listens for incoming calls.
2	The panel calls in.
3	The server identifies the panel type and extracts the Unattended ID from the panel. The Unattended ID from the panel is used for locating the correct Compass Account within the Downloader.
4	After the Compass Account is found, the server downloads the Compass Account data to the panel.
5	The scheduled jobs are executed.

Setting up the FBII Panel to Call Unsolicited Server

The FBII panel can call the Unsolicited server if the Unattended Account ID number is programmed in the FBII panel Dialer. This value is retrieved from an existing Compass Account.

To ensure that the right Account ID is programmed, perform the following steps:

Step

Action

In the Compass Customer Screen, find or create the Compass Account of interest.

2 Highlight the Compass Account and press the following keys: <Shift>+<Ctrl>+?. The account information is displayed as below.

Compass	2.0 Windows Downloader	×
•	Account_Id = 3 Panel_ID = 3 Panel_type_rev_id = 182	

3 Verify that the Account ID value is the same as the unattended ID value in the FBII panel's Dialer.

After this is done, the FBII panel can call the Server at any time.

ATTENTION: In the Panel Dialer, the account ID must be exactly 12 digits. If the Account_Id is 4, the number in the panel would be 00000000004.

7.7 Apex Unattended Communications

Starting Apex Unattended Mode

To start Apex Unattended Mode, perform the following steps:

Step	Action
1	Start the Unattended Server.
	REFERENCE- INTERNAL: Refer to Starting the Unattended Server.
2	Select the Server Type as Apex from the drop-down and select the appropriate port.
3	Click Setup.
	The following dialog box is displayed:
	Setup 🔀
	Server mode
	Auto save
	Auto save

<u></u>ΟK

Cancel

4 Select Auto Save Uploaded data and click OK.

Scheduling Apex Unattended Jobs

To schedule Apex Unattended jobs, perform the following steps:

Step

Action

- **1** Start the Unattended server.
- 2 To schedule an unattended job, click the account in the Customer grid. Click the **Schedule** button located in the Panel Options area of the screen.
- **3** The Scheduler is displayed.

Receiver Group	000	Account #	First Name	Panel Name	Destiny6100
commands		Account #	Selected Cor	-1	
EventLogUpload GetTime/Date Jpload4II			9.9		
Schedule	Process Between Da	ate /2005 +	And	155:55 PM	
	CILL			:55:55 PM	

4 Select the commands to be scheduled and move them to the **Selected Commands** list.

REFERENCE- INTERNAL: For more information on selecting commands, refer to 8.1 Selecting a Command.

5 Select the Start and End Dates and Start and End Times in **Schedule**.

6 Click the **Schedule** button at the bottom of the screen. This button is enabled only if any commands are selected.

The following screen is displayed:

onnection Details	
Answering Machine Override Digit	#
PC Access Code	×*12
	🔲 Increase Priority
anel Phone	
8048	ive <u>Unido</u>

7 Type the Panel Phone number, and select the **Answering Machine Override Digit**.

The PC Access Code is passed internally, so you need not type it.



ATTENTION: When you select the **Increase Priority** option, the job is placed high on the list of tasks and run before other less priority jobs. This feature is applicable only for Unattended mode.

8 Click Schedule.

8. On-Line Commands

Irrespective of whether the panel is Ademco, FBII, or Apex, many on-line commands are common across them. All the commands may not be valid for all the panels.

These commands are common for the Interactive mode and the Unattended mode. The only difference is that in the Unattended mode the screens asking for user input during command execution are not displayed.

Instead, the Command Details screen is displayed during the scheduling.



REFERENCE-INTERNAL

For more information on Command Details, refer to Single Window for Configuring Multiple Commands .

8.1 Selecting a Command

You can select and de-select commands using the following buttons:

Button	Click this to
200	Move commands to the Selected Commands list.
	TIP: You can also select a command by double-clicking the command, or using the drag-and-drop method described in section 1.4 of this user guide.
S	Move commands from the Selected Commands to the Commands list.
- Contraction of the second se	Move all commands from the Selected Commands to the Commands list.

Other Tools

ΤοοΙ	Use this to…
X	Stop the execution, and cancel the command. This is enabled when the selected commands are being processed.
	It is placed below the Selected Commands list. This is not available in the Unattended mode.







Remove the completed or failed tasks from the Selected Commands list.

It is placed below the Selected Commands list. This is not available in Unattended mode.

Deselect all the highlighted commands at once.

It is placed below the Commands list.

Edit a selected command.

It is placed to the right of the Selected Commands list.



ATTENTION: This tool is enabled only when the user input is taken for a command as in Arm/Disarm or Timeset. It is disabled for other commands.

Move the selected commands up or down to prioritize a task. It is placed to the right of the Selected Commands list.

8.2 List of Commands

_

A comprehensive list of commands and their description is provided in the following table:

Command	Description
Arm	Arm the panel from the downloader. You have to specify the area, when prompted
ChangePhone	Change the download phone number
Clear Relays	Clear relay information
Clear Tamper	Clear tamper information
Clear Zone Lockouts	Clear zone lockouts information
CsidChange	Change the Central Station ID
DialerOff	Switch-off dialer from the monitoring station
DialerOn	Switch-on dialer from the monitoring station
DirectConnect	Connect the downloader to the panel by a RS232 cable
Disarm	Disarm the panel from the downloader. You have to specify the area, when prompted.
Download All (w/o RF)	Download all information except the RF data
Download All (w/o User Codes)	Download all information except the user codes
Download All (w/User Codes)	Download all information, including the user codes
Download Ambush	Download ambush details
Download Auto Arming Times	Download auto arming times details
Download BA Options	Download burglary alarm details

Download Comm	Download communication details
Download Ctrl Set Options	Download control set options details
Download Device Options	Download options configured for the device
Download Group	Download group details
Download Holiday	Download holiday schedules
Download Keypad Information	Download keypad information to the panel
Download Loop / Point	Download loop and points details
Download Pass Code	Download pass code details
Download RF	This command is used only when the optional RF Expander module is installed
Download Temporary Schedule	Download temporary schedules to the panel
Download User Codes	Download only user codes to the panel
DownloadAccessData	Download access data to the panel
DownloadAlarmTypes	Download alarm type data to the panel
DownloadAll	Download all programming information to the panel
DownloadAlpha	Download panel Alpha display strings
DownloadRelay	Download relay information to the panel
DownloadSchedule	Download all schedule information to the panel
DownloadSystem	Download system information to the panel
Download TroubleTypes	Download trouble type details
ECPList	Upload ECP device details
Engineer Reset	Perform Engineer reset to control panel
EventLogAlarms	Get event log regarding alarms from panel
EventLogAll	Get event log regarding all events from panel
EventLogBypasses	Get event log regarding bypasses from panel
EventLogClear	Clear an existing event log from the panel
EventLogOpenClose	Upload event log of Open/Close details
EventLogReset	Clear all events in the control panel
EventLogSystem	Get event log regarding system events from panel
EventLogTested	Get event log of system test events
EventLogTroubles	Get event log regarding troubles from panel
EventLogUpload	Upload an event log from the panel

FireTest	Upload the fire test results from panel
Message	Send message for display on panel
PhoneLockOutOff	Prevent users from changing the Primary phone number
PhoneLockOutOn	Allows users to change the Primary phone number
PointBypass	Bypass a point
ProgrammableOutput	Turn a programmable output device ON or OFF
RelayBurglary	Report burglary to the monitoring station
RelayFire	Report incidence of fire to monitoring station
RelayOpenClose	Trigger Open/Close relay
RelayPanic	Trigger panic relay
RelayRemoteSiren	Trigger remote siren relay
Reset Swinger Count	Clear swinger count
Set Relay	Set a relay
Shutdown DialerOff	Shut down the panel dialer functionalities (suspend the Dialer operation in a panel)
Shutdown DialerOn	Restore operation of panel dialer functionalities
Shutdown SystemOff	Shutdown the system functionalities. (suspend panel operations)
Shutdown SystemOn	Restore panel operations
SilenceReset	Disarm the panel
SounderOff	Switch off the sounder
SounderOn	Switch on the sounder
Status	Get the status of the panel that is on-line with the downloader
StatusAlarms	Get the Alarms status in the panel
StatusAlarmsHistory	Get the Alarms history status in the panel
StatusBypasses	Get the Bypass Status in the panel
StatusFaults	Get the Faults status in the panel
StatusLowBattery	Get the LowBattery Status in the panel
StatusTroubles	Get the Troubles Status in the panel
StatusTroublesHistory	Get the TroublesHistory Status in the panel
TimeRead	Read the time from the panel
TimeSet	Set the time to the panel

UnBypassZone	Unbypass a zone
Upload All (w/o RF)	Upload all information other than RF details from the panel
Upload Ambush	Upload ambush details
Upload Auto Arming Times	Upload auto arming times from the panel
Upload BA Options	Upload burglary alarm details from the panel
Upload Comm	Upload communication details
Upload Ctrl Set Options	Upload control set options from the panel
Upload Device Options	Upload device options from the panel
Upload Group	Upload group details from the panel.
Upload Holiday	Upload holiday schedules from the panel.
Upload Keypad Information	Upload keypad information from the panel
Upload Loop / Point	Upload loop and point details
Upload Pass Code	Upload pass code details
Upload RF	Upload RF data. This command is used only when the optional RF Expander module is installed.
Upload Temporary Schedule	Upload temporary schedules from the panel
Upload User Codes	Upload only user codes from the panel
Upload Zone Info 1	Upload information regarding zone 1
Upload Zone Info 2	Upload information regarding zone 2
Upload Zone Info 3	Upload information regarding zone 3
Upload Zone Info 4	Upload information regarding zone 4
Upload Zone Info 5	Upload information regarding zone 5
Upload Zone Info 6	Upload information regarding zone 6
UploadAccessData	Upload access data from the panel
UploadAlarmTypes	Upload alarm type data from the panel
UploadAll	Upload all programming information from the panel
UploadAlpha	Upload panel Alpha display strings
UploadRelay	Upload only relay information from the panel
UploadSchedule	Upload schedule information from the panel
UploadSystem	Upload system information from the panel
Upload TroubleTypes	Upload trouble type details
Zone Status	Get the status of the zone. Specify the zone.

ZoneBypass

Bypass faulted zones via the downloader. Specify the zone.

8.3 Descriptions

Some commands, such as Timeset, Arm, or Bypass, require additional information (like the time to be set, or area to be armed). A separate dialog box is displayed on selecting these commands, asking for user input.

Changing CSID and Phone Number – Ademco

You can change the existing CSID or the Phone Numbers using the **CsidChange** and **ChangePhone#** Commands in the Scheduler.

Changing CSID

To change CSID, perform the following steps:

Action

1 Double-click **CsidChange** in the Scheduler Commands list in the Scheduler to select it.

The Change CSID dialog box is displayed.

Char	ige CSID to:
	CSID in Station Data
C	CSID in Account Record
C	Eirst time CSID
C	Choose CSID

2 Select your option based on the guideline below:

Option	Description
CSID in Station Data	CSID that exists under File/Station Data.
CSID in Account Record	CSID that was saved in the Modify screen (panel).
First time CSID	Default CSID of the panel.
Choose CSID	Enter any 8-digit CSID.

3 Click OK.

Changing the Phone Number

To change phone number, perform the following steps:

Step

Action

1 Double-click **ChangePhone#** in the Scheduler Commands list to select it. The **Change Phone Number** dialog box is displayed.

Download Phone Existing	C Dear	
Primary Phone		
Existing	No Change	
	C Clear	
	C New Phone #	
Secondary Phone		
Existing	No Change	
	C Clear	
	C New Phone #	

2 The existing phone number for this panel is displayed on the left side of the Change Phone Number screen.

For each phone number, the Operator can:

keep the phone number as is (No Change)

clear the phone number (Clear), or

change the phone number (New Phone #)

In case New Phone # is selected, type the new number in the box provided.

3 Click OK.

R2.0

07/10

Displaying Messages

To display messages on the panel, perform the following steps:

Step	Action
4	Double aligh Massage in the Scheduler Commands list to calent

1 Double-click **Message** in the Scheduler Commands list to select it. The **Message** dialog box is displayed.

		5	elect Partition
Display 1:	Display 2:	Display 3:	Display 4:
Message Duration :	1 Day	✓ <u>S</u> end This Mess	

2 Type the messages that need to be displayed on the panel, and select the message duration.

You have a choice of sending the message to the single partition selected in **Select Partition** or all the partitions.

3 Click **Send** to send the message to the panel.

Arming/Disarming

To arm or disarm a partition, perform the following steps:

Step 1

Action

Select Arm or Disarm as required.

The Partition Selection dialog box is displayed.



Figure 9-1 Arm/Disarm - Ademco

In FBII panels Arm/Disarm is a single option. The arm/Disarm dialog box is displayed.

ser Data Arm / I	DisArm
Arm/Disarm Partiti	on 1 💌
Select	Cancel

Figure 9-2 Arm/Disarm - FBII

2 Select OK (Ademco) or Select (FBII) as the case may be.

Setting the Time

To set the time in the panel, perform the following steps:

Step	Action
1	From the list of commands in the Communication screen, select Timeset .

From the list of commands in the Communication screen, select **Timeset**.

2 Double-click **Timeset** or click the green arrow below the Commands list. The following screen is displayed:

Present Date and Time:	Enter Desired Date and Time:
05/11/2005 💌 Wednesday	11/2005 Vednesda
5_50;41 PM	5 :50:41 PM
QK	Cancel

ATTENTION: FBII and Apex protocols do not offer the option of entering the desired date and time. They use the Present Date and Time by default.

TIP: In Guardian Panels, the time and date are displayed automatically according to the time zones programmed in the panel.

- 3 The current date and time is displayed by default under both **Present Date** and **Time**, and **Enter Desired Date and Time**. While you cannot make changes to the former, the Desired date and time section allows editing.
- 4 Click OK.
Viewing Event Log (Ademco)

Step

1

To view Event Log in Ademco panels, perform the following steps:

Select EventLogAll from the list of commands. The Get EventLog From Panel dialog box is displayed.

View Reco	orded Event Log	
Upload Ev	ent Log	
Log Type—		
Upload Log :	Partial	-
Select Partiti	on	_
Partition :	1	-
<u>nk</u>		Cancel

Action

ATTENTION: In case of non partition or if only one partition is selected, the **Select Partition** option is not displayed.

- You have the option of viewing the log, or uploading it.
 If Upload Event log is selected, you can specify if you want a partial upload or a full upload.
- 3 Select the partition on which the command is to be executed.
- 4 Click OK.

Shutting Down a Panel (Ademco)

To shut down an Ademco panel, perform the following steps:

Step	Action			
1	Select the required shutdown command from the list of four shutdown commands available.			

RelayFire RelayPerer Class	
RelayOpenClose RelayPanic	
RelayRemoteSiren	
Shutdown DialerOff	
Shutdown DialerOn	
Shutdown SystemOff	
Shutdown SystemOn	
Status	
StatusAlarms	
StatusBypasses	
StatusFaults	
StatusLowBattery	

2 Double-click the command or click the green arrow below the commands list. The following screen is displayed:

artition	G			
artition .	<u> 1</u>			
own Dialer	On:			
artition :	1 💌			
own Syster	mOff:			
artition :	1 💌			
	artition :	own DialerOn: artition : 1	own DialerOn: artition : 1 v	own DialerOn: artition : 1

ATTENTION: Although you have selected four commands, only three are shown here. This is because the third one is Shutdown SystemOff. After this command is executed, the panel gets disconnected and we cannot execute any more commands

- **3** Select the partition for which the operation is to be performed.
- 4 Click Ok.



ATTENTION

After the Shutdown System ON/OFF connection is executed, the panel is disconnected from the Compass. After Shutdown SystemOff, the panel operation is suspended.

Bypassing a Zone

To bypass a zone, perform the following steps:

Action

1 Select the **ZoneBypass** command.

In Ademco Panels, the Zone Bypass dialog box is displayed.

Partition:		Partition 1 Operational	
Zone Number:	2 - ZN 002		•

In FBII, the dialog box displayed does not ask for a partition selection.

Z	Cone Byp	ass	
Bypass Zor	ne 1		
Select	-		ncel

- 2 Select the Partition and the Zone number to be bypassed if the panel is Ademco, or only the Bypass Zone in case of FBII.
- 3 Click OK or Select as the case may be.

Sending a Test Report (Ademco)

To send a Test Report, perform the following steps:

Step	Action		
1	Select TestReport from the list of Commands in the Communication screen/Scheduler.		
2	Double-click the command or click the green arrow below the commands list.		

The Request Test Report screen is displayed.



3 Click OK.

TIP :During the processing of the request, you will see a '*' to the left of TestReport, which turns to a '#' after the command is processed. If the command is not executed, the failure status is indicated by an '**&**'.

Selected Commands	
*TestReport	
Selected Commands	
#TestReport	
Selected Commands	
&TestReport	

9. Database Management Utility

9.1 Overview

The Compass2.0 database contains information about configuration details for the intrusion control panel. It is essential that a backup of the information is taken on a regular basis. This chapter describes how to switch over the databases, backup, and restore the Compass2.0 database.



ATTENTION

The change, backup, and restore operations requires access to the SQL Server. It is recommended to close all Compass2.0 applications that are open when the Database Management Utility operations are performed.

9.2 Change Database

If you have data stored across multiple databases or servers and if you want to switch between them, use the change database option



ATTENTION

When you change your database, the previous database data is not affected. You can again change the database to go back to the previous, if necessary.

To change databases, perform the following steps:

Step	Action			
1	Choose Start > All Programs > Compass Windows Downloader > DatabaseManagementUtility. The Database Management Utility dialog box appears.			

2 Select **Change Database** option. The details of the active Compass database are displayed under **Existing Database Option**. The information is read only.

) Change Database	e 🔘 Backup Database	O Restore/Purge Data	abase 🔿 Migrate Access DB	O Delete Database
Active Database De	tails			
	E11DTDHFKC1SICOMPASS	20		
	sa CompassDefaultDB			
Server Name	E11DTDHFKC1S\COMPASS	20 👻	List Only Local SQL Serve	rs
and a summer of				
	dows NT authentication usin . Server authentication using		disable to the case	
	- Berver dentertreation dans	y anagim is and passwort		
Lagin (E)	88			
Password	*********			
	Fetch Databases fr	rom Server		
Database		0		
	Change Database	Close		

- Server Name The name of the computer in which the active Compass database resides.
- Login ID The login ID using which you can login to the SQL server.
- Database Name The active Compass database name.
- **3** From the drop down list, select the name of the computer where the database you would like to switch to resides.

	e 🔿 Backup Database 🔿 Res	store/Purge Database	Migrate Access DB	O Delete Database
Active Database (etails			
Server Name:	IE11DTDHFKC1S\COMPASS20			
Login ID :	sa			
Database Name:	CompassDefaultDB			
Server Name	IE11DTDHFKC1S\COMPASS20		List Only Local SQL Serve	rs
	E11DTDHFKC1SICOMPASS20			
- 9	L Server authentication using a loom IC) and passwoid arrian	ed by the user	
Legin (b	88			
Password	********			
	r			
	Fetch Databases from Serve	er		
Database				
Database				
Database	Change Database	Close	1	
Database	Change Database	Close]	

- 4 Select the List only local SQL Servers check box to view all the servers in the local computer. To view all the servers in the network, clear the List only local SQL Servers check box.
- 5 Select one of the following server connectivity options.
 - Windows authentication credentials of current user Select this option if the credentials for logging on to Windows must be used for logging on to the database.
 - Server authentication using the Login ID and password below - Select this option if the SQL Server user name and password must be used for accessing the Compass database. When you select this option, the following fields are displayed.

ТАТ

ATTENTION: If you select Compass20 server from the drop down list, the server connectivity options are disabled as the Compass20 server is the local computer.

- 6 Click **Fetch Databases from Server** to obtain the list of databases present in the selected server. The list is refreshed in the **Database** drop down list.
- 7 Click **Change Database**. The Compass application points to the selected database.

9.3 Backup Database

The need of taking backup of Compass database arises when:

- Compass2.0 MSDE databases must be ported to SQL Express. The active version of Compass2.0 supports only SQL Express and not MSDE. The MSDE database can be backed up and restored to SQL Express.
- You want to ensure that another version of database is maintained in case there is a crash of the old database.



ATTENTION

The format of the Compass database remains the same even after the database is restored to SQL Express.

To take backup of a Compass database, perform the following steps:

Step

Action

Choose Start > All Programs > Compass Windows Downloader > DatabaseManagementUtility. The Database Management Utility dialog box appears.

2 Select **Backup Database** option. The details of the active Compass database are displayed under **Existing Database Option**. The information is read only.

) Change Databas	se 💿 Backup Database	Restore/Purge Database	O Migrate Access DB	O Delete Database
Active Database D	etails			
Server Name:	IE11DTDHFKC1SICOMPASS	20		
Login ID :	sa			
Database Name:	CompassDefaultDB			
Server Name	E11DTDHFKC1S\COMPASS	520	i Les Only Local SQL Serve	13
	I Indows NT authentication usi			
		g a loom ID and password aria	rad hu the rees	
		g a logit to and processors a ra-	ice of the score	
Lagin (É)	88			
Password	*********			
	Fetch Databases f	rom Server		
Database				
		2		
	Backup Database	Close		

- Server Name The name of the computer in which the active Compass database resides.
- Login ID The login ID using which you can login to the server.
- Database Name The active Compass database name.
- 3 Select the database Server Name from the drop down list.

Active Database Server Name :	IE11DTDHFKC1SICOMPASS20
Login ID :	S8
	CompassDefaultDB
Server Name	IE11DTDHFKC1SICOMPASS20
	I E11DTDHFKC1SVC0MPASS20
	QL Server suffertication using a loom ID and password enforced by the user
Login (D	88
	Fetch Databases from Server
Database	
	Backup Database Close

ATTENTION: As the databases listed are only those present in the local server, by default, the **List only local SQL Servers** check box is disabled.

- 4 Select one of the following server connectivity options.
 - Windows authentication credentials of current user Select this option if the credentials for logging on to Windows must be used for logging on to the database.
 - Server authentication using the Login ID and password below - Select this option if the SQL Server user name and password must be used for accessing the Compass database. When you select this option, the following fields are displayed.

ATTENTION: If you select Compass20 server from the drop down list, the server connectivity options are disabled as the Compass20 server is the local computer.

- 5 Click Fetch Databases from Server to obtain the list of databases present in the selected server. The list is refreshed in the Database drop down list.
- 6 Click **Backup Database**. A backup of the Compass database is taken and the extension of the database file is .bak in the current computer The database is stored in C:\CompassDatabase\Backup.

9.4 Restore/Purge Databases

Restore Database

After the backup operation is complete, the database can be restored. The database becomes the active database only after it is restored.

To restore Compass database, perform the following steps:

Step	Action
1	Choose Start > All Programs > Compass Windows Downloader > DatabaseManagementUtility. The Database Management Utility dialog box appears

2 Select **Restore Database** option. The details of the active Compass database are displayed under **Existing Database Option**. The information is read only.

Change Datab	ase 🔿 Backup Database	Restore/Purge Data	abase O Migrate Access	DB O Delete Database
, shange shaa	0.000	C		
Backed up files				
Select Bak file	CompassDefaultDB_072710	_153432 🐱	Restore Database	O Purge Database
	up files (*.bak) present at"C:\C			
To Restore/Pur	ge database Place all .bak files	in"C:\CompassDataBase	Backup"	
	-			
Server Name	IE11LTFP3SP1S	~	🔄 Los one Local Sal S	iement .
OV	Mindows NT authentication usin	ng the network login ID		
0	SQL Server authentication usin	a a login ID and passwor	d entered by the user	
Login ID	[
Login ID Password				
	[
Password				
	CompassDefaultDB			
Password				
Password	CompassDefaultDB Restore Database	Qose		
Password				
Password) Qose		

- Server Name The name of the computer in which the active Compass database resides.
- Login ID The login ID using which you can login to the server.
- Database Name The active Compass database name.
- 3 Select the database Server Name from the drop down list.

) Change Databa	ase 🔘 Backup Database 💿 Restore/Purge Database 🔍 Migrate Access DB 🔵 Delet	e Database
Backed up files		
Select Bak file	CompassDefaultDB_072710_153432 Restore Database Purge t	Database
	up files (* bak) present at"C:\CompassDataBase'Backup". ge database Place all .bak files in"C:\CompassDataBase'Backup"	
Server Name	E11LTFP3SP1S	
OM	VI IE11LTFP3SP1S	
⊙ s	IEI1LTFP3SPISICOMPASS20 IEI1LTFP3SPISICOLEXPRESS Word entered by the user IEI1LTFP3SPISICOMPASS2010	
Login ID		
Password		
Database	CompassDefaultDB	
	The second	
	Restore Database <u>Close</u>	

- 4 Select one of the following server connectivity options.
 - Windows authentication credentials of current user Select this option if the credentials for logging on to Windows must be used for logging on to the database.
 - Server authentication using the Login ID and password below - Select this option if the SQL Server user name and password must be used for accessing the Compass database. When you select this option, the following fields are displayed.

ATTENTION: If you select Compass20 server from the drop down list, the server connectivity options are disabled as the Compass20 server is the local computer.

- 5 Select Bak file from the drop down list. The list is refreshed in the Database drop down list.
- 6 Click **Restore Database**. The database is restored successfully to the original path.

Purge Database

After you delete the database from compass, it is not completely removed from the system. To remove the database permanently from the system, you may use the purge option.

To Purge database, perform the following steps:

Step	Action
1	Choose Start > All programs > Compass Windows Downloader > Database Management Utility.

2 The following Screen appears. Choose **Restore/Purge Database followed by purge database**..

Colored Data dia				-
Select Bak file	CompassDefaultDBTim1_072710_17(O Restore Database	Purge Database
	p files (*.bak) present at"C:\CompassData e database Place all .bak files in"C:\Compa		ackup"	
Server Name	IE11LTFR3SP1S		🔄 List Oniv Local SQL S	erwers
	indows NT authentication using the netwo	alk looin 10		
	OL Server authentication using a login ID a		blered by the user	
Login (D				
Pessword	1			
Database	CompassDetaulIDB			
			_	
	Purge Database	Close		

3 Choose the appropriate Database and click **purge Database**.

	ase 🔘 Backup Database (Restore/Purge Databa	se 🔿 Migrate Access I	DB 🔘 Delete Database
acked up files				
Select Bak file	CompassDefaultDBTim1_072710		🔘 Restore Database	O Purge Database
Lists only back	CompassDefaultDBTim1_072710 CompassDefaultDB_072710_153	170815 ase\Backup".	ala mit	
To Restore/Pury	3	BSDalabase Da	ckup.	
Server Name	IE11LTFR3SP1S	-	C List One Local SGL S	envers
	vindows NT authentication using th			
00.5	QL Server authentication using a l	officience and bassonord ei	aered by the user	
ur s Login (D	OL Server authentication using a l	ophini and bacavorb er	aered by the user	
Login (D	OL Server authentication using a l		tered by the user	
	(QL Server exthenticetion using a l	ogener ei in passiword ei	sered by the user	
Login (D	(9L Server eidherticetion using a l		asked by the user	
Login (D Perssivard			nered by the user	
Login (D	Cell Server addhertfoetion using a f		nared by the user	
Login (D Perssivard		glose	nared by the user	

4 Note: All deleted databases will be present in the Backup folder. Only the files those are present in the C:\Compass\Database\Backup will only be available to purge and will be displayed in the Database dropdown.

ATTENTION: If you purge the database, the .bak file will be deleted permanently from the backup folder. Before purging the database, please make sure that you select the appropriate .bak file,

9.5 Migrate Database

To migrate all the user accounts present in the MS Access database to a new database in the local SQL server, perform the following steps:

 Step	Action
 1	Choose Start > All programs > Compass Windows Downloader > Database Management Utility.

- Patabase Management Utility

 Change Database

 Backup Database

 Restore/Purge Database

 Migrate Access DB

 Deter Database

 Select Access Database

 Browse

 Server Name

 EIDTDHFKC1S/COMPASS20

 Vinindayse/IVT authentitication using the network hear ID

 Soli Server authentication using is login ID and password artered by the user

 Database

 CompassDefaultDB

 Migrate Access DB
- 2 The following screen appears. Choose Migrate database..

3 Click browse and perform the following:

Select the Compass 1.5.8.X directory on this computer to migrate your MS Access database to SQL Express.

Note: The database folder can reside anywhere in your Hard Drive or even in your USB Drive. However do not keep it on your Desktop or any mapped network drives and try to open as it may have access privilege issues.

4 Copy the three .mdb files: Download.mdb, History.mdb, and E20001.mdb, as well as, the system.mda file from Compass installed on another computer, to a folder in this computer and then convert the database

Note: The installation may take a while to migrate depending on the size of the database

9.6 Delete Database

To Delete database, perform the following steps:

Step

Action

Choose Start> All programs > Compass Windows Downloader > Database Management Utility.

2 The following Screen Appears. Choose **Delete Database**..

🗜 Database Mana	gement Utility	X
C Change Databas	se 🔿 Backup Database 🔿 Restore/Purge Database 🔿 Migrate Access DB 💿 Delete D	Database
Active Database D	vetails	
Server Name :	IE11DTDHFKC1SICOMPASS20	
Login ID : Database Name:	sa CompassDefaultDB	
Server Name		
1/0/1	ndows INT authentication using the network login ID	
	aL Server authentication using a lagin ID and password entered by the user	
EnginilD	88	
Received		
	Fetch Databases from Server	
Database		
	Delete Database Qlose	

3 Click **Fetch Databases** from Server. The available databases are listed in the Database dropdown. Choose the appropriate one and click **Delete Database** button to delete the database.

y onlango bataba	se 🔿 Backup Database 🔿 Restore/Purge Database 🔿 Migrate Access DB 💿 Delete Database
Active Database [vetails
Server Name : Login ID : Database Name:	IE11DTDHFKC1S\COMPASS20 sa CompassDefaultDB
Server Name	
1/1	indows NT awhenitcation using the network login ID
	3L Server authentication using a login ID and password entered by the user
Login (D)	sa
Reservord	
	Fetch Databases from Server
Database	CompassDefaultDB
	Delete Database Close
	Delete Database

ATTENTION: Before deleting the database, ensure that no client is connected to the respective database. If the database is deleted from the server, the client ceases to work After deleting the database, a file with .bak extension will be created in the backup folder. If you want to use the same database, you can restore it from DBMU

9.7 Client Installation

The database backup and restore options in the **Database Management Utility** are available only with the Compass Standard installation. If Compass 2.0 is installed as a Client, the backup and restore options are automatically disabled.

Change Databa	se Backup Database Restore/Purge Database Migrate Access DB Delete Database Backup / Restore / Migrate/Delete options are available on Server installations only.
Active Database [Details
Server Name:	159.99.186.188\compass20
Login ID :	\$8
Database Name:	CompassDefaultDB_20151_loop2
Server Name	HONEYWELL-PC\COMPASS20
O W	Indows NT authentication using the network login (D
	QL Server authentication using a loom ID and password entered by the user
	the rest for and otherward send a part of all brack to be allowed by the send
Login ID	\$8
Login ID Password	\$8

10. Bug Reporter

Bug reporter is a newly added feature for diagnostic purposes to trace an issue when it is reported. It is primarily designed to extract all the log files and the system related information from the system that would help in analyzing the root cause of an issue to give the fix for the same. Bug reporter creates a log file under C:\Windows\Compass_Logwith the extension '.clg'.

Bug reporter can be accessed in three ways:

- Access through Start up menu (choose Start>all programs>Compass Windows Downloader>Bug Reporter)
- Access through Compass application (Click Help> Report a bug)
- Access through Utility Folder (in the CD)

Access through Startup Menu

Choose Start>All programs>Compass Windows Downloader>Bug Reporter

Finternet Internet Explorer E-mail Microsoft Office Out	Code 128 Word Barcode Add In Corel Paint Shop Pro Photo X2 Honeywell IBM Rational MonPort		j Juniper Networks Snagit 10 Camtasia Studio 6 TextToWav	**	
Camtasia Studio	🗎 LANDesk Management	- A 🚔	WebEx Compass Windows Downloader	•	- BugReporter
PS Export Interfaces	microsoft Office		Microsoft SQL Server 2005	÷	 Compass 2.0 DatabaseManagementUtility
Adobe Acrobat 9 Pro Extended					📴 Uninstall
Microsoft Office Wor	 Minitab Solutions RoboSource Control 3.1 	3			
Corel Paint Shop Pro	 SAP Front End Startup 	*			
WebEx Player	 ZipCentral Acrobat Distiller 9 				
All Programs 🌔	 Adobe 3D Reviewer Adobe Acrobat 9 Pro Extended 				
start 🗐	Adobe Bridge C54 Adobe Captivate 4 Adobe Captivate Reviewer 1.0				

Access through Compas Application

Choose Help > Report a Bug

Compass	2.0 Windows					
File Options	Tools Window	Help		-		
Customers	g Operators	About Compass 2.0 Help Report a Bug	Logout	Unattended	Exit	Operator : MASTER Login Date : 6/2/2010

Access through Utility Folder

Bug Reporter is accessible through a seperate folder that is provided inside the utility folder of the installation CD provided.

11. New Features in Compass 2.0

11.1 Overview

The new features in Compass 2.0 are summarized here.

- Drag and Drop Commands
- Common User Interface
- Single Window for Configuring Multiple Commands
- Simultaneous TCP/IP and dialup connection
- Activity Log
- Unattended/Unsolicited Mode Features
- Multiple Panel Usage
- Interactive Mode Features
- Export and Import Subscriber utilities
- Panels Report
- View all Customer Records
- Print Customer Detail
- Purge Event Log

11.2 Descriptions

Each of the new features is described in this section.

Selecting Commands using Drag-and-Drop

The drag-and-drop option is an alternative to the select and click method of selecting commands. This option is supported in both Interactive Communications and Scheduling mode for all the protocols.

To select a command, click the command from the Commands list and drag it to the Selected Commands list before releasing the mouse button. You can select multiple commands in one operation before dragging them.



Figure 10-1 Drag and Drop Commands

Common User Interface

The Communications UI for all the protocols share the same look-and-feel. Only the commands list differs from one panel to the other.

- IX Compass Communications Options Activity Log Status Help Subscriber Information Panel Name Vista50PEN First Name Ruth Last Name Penny Receiver # 47562 Account # 2342 Rev. # Seq.# Selected Commands Commands DownloadAccessData DownloadAll DownloadAlpha DownloadRelay DownloadSchedule DownloadSchedule DownloadSchedule UploadAccessData UploadAl . --0 UploadAll UploadAlpha UploadRelav UploadSchedule UploadSystem Arm -10 0.0.8 Execution in Progress # -Execution Completed & -Execution Failed Active Port : Moder rⁱⁿ × Connect Event Loc Modify Close

You can identify the panel by the Panel Name.

Figure 10-2 Compass Communications UI

Single Window for Configuring Multiple Commands

If you have selected multiple commands that need user input for their processing, all the forms are displayed in a single window. This applies to both Interactive and Scheduled (Unattended) modes.

For example, if you have selected the **ChangePhone#** and **CsidChange** commands, both of which require user input, these can be configured in one **Command Details** window as illustrated below:

ChangePhone #:		1	
Download Phone — Existing Primary Phone	No Change Clear New Phone #		
Existing	© No Change ○ Clear ○ New Phone #		
Secondary Phone — Existing	No Change Clear New Phone #		
CsidChange: Change CSID to:	1		
CSID in Statio CSID in Account Eist time CSID CSID CSID	int Record		
	1.1		

Figure 10-3 Common Window for Multiple Command Details

Connecting through TCP/IP and Dialup Simultaneously

You can execute unattended jobs (for different Panels) through dial up mode and TCP/IP mode simultaneously (at different Ports).

Settings View H	elp
Server Type :	ADEMCD Port Name : COM 2 - Ademco CIA 2400 For Compass 32
COM 1- ADEMO	CO TCPIP 1- ADEMCO

Activity Log

You can view or export the activity log in the interactive mode. If not required, you can disable this feature. The exported activity logs must be saved in a text format.

To view the activity log, click **Activity Log> View Activity Log** in the menu bar of the Compass Communications screen.

🕸 Compas	s Communications	
File Option	s Activity Log Status Help	
Subscrib	Disable Activity Log	
First Name		Last Name Peter



TIP

To access the **Compass Communications** screen, double-click the account in the Customer grid. Then, click **Communications** in the menu bar of the open panel.

The Activity Log is displayed as illustrated below. It lists the Commands that were run, the status of execution, and the date and time when the commands were processed. It also displays some messages if a certain command could not be processed as desired.

Activity Log			لة لتلم
Actives top Conversada Status Downkoada Downko	Status Gibius Restored Comand poli- Aconsol fack Composing	Manage Panel is not ready to Ann due to FAULT conditions Panel is not needy to Ann due to FAULT conditions United by Ann 2014 In United States Panel is not ready to Ann due to FAULT conditions Dream Euroceantil Panel is Disamed Not ready to end	Date/Texe 5/17/2005 12:02:02 FM 5/17/2005 12:02:05 FM 5/17/2005 12:00:02 FM 5/17/2005 12:00:02 FM 5/17/2005 12:00:02 FM 5/17/2005 12:00:04 FM
•	gk	Betresh Expost Dear	

Figure 10-4 Activity Log - Interactive

In the Scheduled Mode, the activity log generated can be saved in the text format, or printed.

Date - Time	Activity	and the second se
5/17/2005 12:51:12 PM 5/17/2005 12:51:27 PM 5/17/2005 12:51:28 PM 5/17/2005 12:51:48 PM 5/17/2005 12:51:49 PM	Start UploadFielay CDMMAND Vista50PEN - 3.23 Acct#; DDC - 10 Finish UploadFielay CDMMAND Vista50PEN - 3.29 Acct#; DDC - 10 Start Status CDMMAND Vista50PEN - 3.29 Acct#; DDC - 1001 Finish Status CDMMAND Vista50PEN - 3.29 Acct#; DDC - 1001 Partition 11 is not ready to and use to fault conditions	
5/17/2005 12:51:49 PM	Partition 8 is not ready to arm due to fault conditions	
5/17/2005 12:51:49 PM	Start Arm - Partition 1 COMMAND Vista50PEN - 3.29 Acct#: DOC -	1001

Figure 10-5 Activity Log - Unattended



REFERENCE- INTERNAL

For more information regarding Activity Log in the Unattended Mode, refer to step 10 of Scheduling Ademco Unattended Jobs.

Unattended/Unsolicited Mode Features

The following are some of the new features implemented in the Unattended Mode:

- A single UI caters to all the protocols and multiple ports.
- The Unattended UI shows details of the job in the queue.
- The Viewer UI shows the offline status message for an account.
- You can modify the commands that require user input, with new values, when rescheduling an Unattended batch.
- Compass 2.0 supports the Unattended mode for Apex.
- When you launch the Unattended UI, you can use the **Auto Save** option to automatically save uploaded information in the Unattended mode.



REFERENCE-INTERNAL

For more details on Unattended Mode and its features, refer to **7. Unattended Communications**.

Working with Multiple Panels

You can schedule jobs for any number of panels, even while one of the panels is open. Only jobs for the open Panel Application cannot be scheduled. You can schedule jobs for one panel, and while the job is executed, schedule the next (other than the open panel).



REFERENCE- INTERNAL

For more information on scheduling, refer to **7. Unattended Communications**.

Interactive Mode Features

The following are some of the new features implemented in the Interactive Mode:

- You can stop the execution of a command before it is finished.
- The Event Log shows you the list of all commands that have been executed previously in the Interactive mode. This is a new feature for Apex and FBII protocols. The Event Log can be viewed from the Shell (View Log under Panel Options in the bottom toolbar) or from the Compass Communication screen (Event Log in the bottom Toolbar).
- You can view offline status messages for an account.
- Event Log, ECP Details and Fire Test Reports are saved automatically to the database. This is a new feature for Ademco protocol.



REFERENCE-INTERNAL

For more details on Interactive Mode and its features, refer to 6. Interactive Communications.

Export and Import Subscriber

This feature provides the ability to export/import customer information from the Compass application.

Exporting Subscriber Information

You can export the subscriber details into a text file or an Excel sheet using the Export Subscriber feature.

To export the subscriber information, perform the following steps:

1

Step Action

1 In Compass 2.0 Shell, click **Tools>Export Subscriber**.

The Define Export Sources dialog box is displayed.

Export Sources	<u>Exr</u>	oort <u>C</u> lose
<u>Add E</u> dit <u>D</u>	elete Select Fields	ve <u>Cancel</u>
Default Extension Ext Format Extended Extended Excel - Tab delimited Excel - Tab delimited Text - Fixed Length Text File (Delimited) Comma Tab Space Other ASCI #	Available Fields	Selected Fields

2 Click Add.

The Add Export Source dialog box is displayed.

١dd	
Description	
Customer1	
Ok	Cancel

3 Type a **Description** to the export source (For example, Customer1) and click **Ok**.

The column headings in the customer information screen are displayed in the **Available Fields** listbox.

Export Sources		
Customer1	Exp	ort <u>Close</u>
Add Edit E ile Properties efault Extension txt ormat Excel -Tab delimited text file Text - Fixed Length	Select Fields Lest Name Notes Panel Phone Reporting Format State	ve Cancel Selected Fields ▲ Receiver Group Panel Name First Name ► Field2 ► Field1
Central Congrit Text File (Delimited) Comma Tab Space Other	State Voice Phone Zip Zip + 4	Field Flax City Business Name Address Line 2 Address Line 1 Account Number <<

4 From the Available Fields list, select the fields that you want to export.



TIP: The arrows help you move the fields between Available and Selected lists

- moves the selected item to the cursor position in Selected Fields
- moves the selected item to the end of the Selected Fields list.
- moves the entire list from Available Fields to Selected Fields
- moves a single Selected Field entry to Available Fields
- moves all Selected Fields to Available Fields

ATTENTION: The import action can be performed only if the **Reporting Format** field is not included in the text file. So if the data needs to be imported, you must ensure that the Reporting Format is not one of the selected fields while exporting.

5 In **File Properties**, specify the file type and format from the list of options. You can save the details as an Excel file or a text file.

6 Click Export.

The Select Path to Export Subscribers dialog box is displayed.



- 7 Type a name for the file.
- 8 Select the desired destination and click **Save**.
- 9 Click Close in the Define Export Sources dialog box to close it. The saved file (ExportCustomerInfo.txt) contains details of the subscribers as displayed on the customer screen of the Compass Shell.

Importing Subscriber Information

The file generated using Export Subscriber can be imported to the customer screen.

To import subscriber information, perform the following steps:

Step	Action
1	In Compass 2.0 Shell, click Tools>Import Subscriber.
	The Define Import Sources dialog box is displayed.

mport Sources			
Customer1		ort <u>P</u> review	<u>C</u> lose
	elete	Receiver Group]
ile Properties refault Extension txt ormat Excel - Tab delimited text file Text - Fixed Length Text - Delimited Comma G Tab Space Other ASCI #	Select Fields Available Fields CImport Action> Last Name Notes Panel Phone State Voice Phone Zip Zip + 4	Help Select Panel First N Field2 Field1 Fax City N Addres	

2 If the source is not defined, click **Add** and type a description for the source.

REFERENCE- INTERNAL: For more information on adding a new Import Source, refer to Importing Information from Other Sources.

- 3 From **Select Fields**, select the appropriate Fields from the available fields.
- 4 From **File Properties**, select the format for the file imported.

5 To preview the import source, click **Preview**.

The Test "ImportSourceName" dialog box s displayed showing a preview of the Import file. The selected fields are displayed as columns in the same order of selection.

Records 20	All Records	Preview	Close
Receiver Group	Panel Name	First Name	Field2
-			

6 Click **Preview** in Test "ImportSourceName" to select the file that contains customer information, which was saved during export.

1 and to the	CO EVE		125		
Look in:	EXE		-	- 🗈 💣 🎟 -	
History Desktop	ExportCustor Customer2.t SKIP1534.TX	xt (T			
		N			
Documents		4			
Documents	File name:	k	_		Open
	File name: Files of type:	k} Delimited (*.txt)		•	Open Cance

7 Select the exported file and click **Open**.

The **Test "ImportSourceName"** dialog box is displayed with the records.

of Records 20		cords	Preview	_	lose	
Account Number	Address Line 1	Address Line 2	Business Name	City	Fax	F
account_number	Address1	Address2	business	city	pho	u
1001						
1002		1			-	-

- 8 Click **Close** after viewing.
- **9** In the Define Import Sources dialog, type the account number from which the data importing should begin. Select **Ignore Header Row** if you do not want to import the header.
- 10 Click Import.

The **Import Subscribers** dialog box is displayed. To start importing from a particular account number, type the number in the **Starting Account No.** text box.

	2		l. li	mport
ustomer1		-	-	
aceivei	Starting Acc	count No.		lose
	1001		Ignore	eader n
Processing	-			
Tocessing	Record #			Clear
		3		
Receiver	Group	Accou	nt Numbe	r
	DOC		1002	
Added	Upda	ited	Delet	ed
0		2		0

11 Select a source from the **Import Sources** drop-down list, if it is not already displayed by default.

12 Click Import.

The Import Subscribers from ... dialog box is displayed.



- 13 Select the required file and click **Open**.
- 14 The text boxes with a blue background, under **Processing**, show the status of processing of the Import command.
- 15 Click **Close** to close the Import Subscribers dialog box.
- **16** The information in ExportCustomerInfo.txt is imported to the customer screen.

Import Subscribers – Options

With the Import Subscriber Options, you can choose to import details of a new customer, or modify information of existing accounts, or both.

			ubscribers	mport
				Options
	1 <u>m</u> port	Add only Update Only	Import Action 🔸	
	Close	 Add / Update Delete 	Starting	
IOM	ore Header re	i v lg		-
1	Clear	#	essing Record	Pro
	umber	Account	eceiver Group	1
	Deleted	lpdated	lded U	

Figure 10-6 Import Subscribers – Options

Option	Description
Default Import Action	The default actions are:
	Add Only –You can only add new accounts where the Receiver number-Account number combination is different.
	Update Only – You can only update customer details of the accounts already present in the list. No new accounts can be added.
	Add/Update – You can add new accounts or update/modify information of existing accounts.
	Delete – You can delete the existing accounts.
Skip Action in Import File	Import Action is a one character field that specifies the actions to take with records in the input file. It is one of the Available Fields in Define Import Sources dialog box.
	You can select this option to skip the action mentioned in the Import File.
	Select <import action="">in Available fields and click Help for more details.</import>
	Selected Fields
	Available Fields Help Selected Fields
	<import action=""> Address Line 1 Fax >1 Address Line 2 City</import>

Field1

Importing Information from Other Sources

The Export Source is available in the Import Sources list only if the export/import operations are done in the same Compass network. If you have to import a file given by any other source (third party) to your Downloader, follow the instructions given below:

Business Name

Step	Action				
1	Click Add in the Define Import Sources dialog box.				
	The Add dialog box is displayed.				
	Add X Description NewCustomed <u>Dk</u> Ca <u>n</u> cel				
2	Type the Description (name of the import source) and click Ok .				
3	From the Available Fields list, select the fields that you want to import. Click the > arrow to move the fields to the Selected Fields list. To move the entire list, click >>.				

Click Save. The selection is saved to the new import source. 4

Follow the steps 3 to 16 of Importing Subscriber Information.

The data from the text file is imported to the Import source and is displayed in the same order as the **Selected Fields**.



5

REFERENCE- INTERNAL

You can also Export and Import Accounts. For more details refer to **4.9 Exporting and Importing Accounts**.

Panels Report

A new utility for generating a report on the panels being used by a Compass system is provided. However, this newly added feature can work with Compass 16 and does not require the installation of Compass 2.0.



REFERENCE- INTERNAL

For more information refer to Exporting Panel Usage **9.4 Exporting Panel Usage**.

Viewing All Customer Records

You can view all customer records from the Shell. A single page displays 1024 records. You can move to the next page or previous page.

Printing Customer Detail

To print customer details, perform the following steps:

Step	Action
1	Select the row/customer whose details you would like to print from the Customer screen.
2	From the File option in the menu bar, select Print. A form is displayed, which shows the customer details. TIP: You can move to the first, last, previous, or next customer detail using the Pages: K 2 b b button at the bottom left of the screen.

3 Use Print Setup to configure the details of printing.

You can print only the details of one customer at a time. The customer details are printed as illustrated below.

CUS	STOMER	DETAIL

Receiver	Account	Last Name	First Name
DOC	1001	-	-
Business		Voice Phone	Fax
	-	-]]
Address 1		Address2	
	-		-
City	State	Zip Code	Zip Ext.
-	-	-	-
user_defined_field	-	user_defined_field	·
user_defined_field	-	user_defined_field	
user_defined_field	-		
Panel	-	CANEL DATA	
	-	PANEL DATA Revision	
Panel Vista50PEN-1	-	PANEL DATA Revision Vista50PEN	

Figure 10-7 Printing Customer Detail

Purge Event Logs

Operators can now delete the Event Log data from the Compass database using this utility.



REFERENCE-INTERNAL

For more information, refer to Purging Event Logs **4.7 Purging Event Logs**.

Other Important Features

The other important features of Compass 2.0 are:

• **Templates** for quick and easy programming of control panels.



REFERENCE-INTERNAL: For more information, refer to 5.4 Using Templates.

• A full **search** utility to help you quickly finds a programming field.



REFERENCE-INTERNAL: For more information, refer to 4.5 Searching/Sorting Customer Data.

• Multi-tiered operator levels for greater flexibility.

REFERENCE-INTERNAL: For more information refer to **3. System Operators**.

- Change button to display programming changes made before saving.
- History button to display prior programming changes.

APPENDIX A

Error Conditions

Error		Solution
Cannot find a DLL or VBX file		opy the files giving the error from the DLL subdirectory of Compass ows/system directory.
xx parameters expected, but none supplied	installation. DLL or VBX	ccurs if the database is not synchronized properly at the end of an Try running the database synchronizer again. It is possible that a was not properly moved to the Windows System directory, or that so upgrade was installed onto a different directory and not the ectory.
	the databas	directory where Compass was installed, run Compass and check se path on the login screen. The beginning of this path, before the lownload.mdb, is the location of the previous installation. If this the same as the upgrade, change the path to match the upgrade
"Decode.dll" error message.	-	error to Ademco for repair, along with the following information: anel type.
	• The ty	rpe of error: "vb value invalid", "vb type length", "nibble length", etc. If_id and the repeat.
	Export the a	account and send it to technical support.
	to Technica	ERENCE- INTERNAL: For information on technical support, refer Il Support.
Cannot find system.mda when repairing network	a local exe	eed when the Database Repair program cannot find system.mda in subdirectory, and the download.mdb in a local database y (For example: C:\compass\exe and c:\compass\database).
database locally	Copy the sy	stem.mda into C:\ Compass\ database, then run the Repair utility.
Compass running on a Novell Server	The reason defaults are	for this error is that the Novell Server runs out of locks. Novell
suddenly stops allowing anyone to	• Max F	Records per connection 500>>10,000
add new accounts.	Max F	ile Locks per connection 250>>350
	Max F	Record Locks?>>20,000
"Permission denied, cannot open system. Idb" error message.	network. Ne	nessage may occur when running netload.exe from a peer-peer etload.exe is designed to speed up a network installation. To solve n, perform the following steps:
	Step	Action
	1	Load the full installation on the network.
	2	Change the shortcut for each of the client machines to run netload.exe from the server instead of download.exe on the local computer.

		Netload checks the network drive to see if any of the files in the exe, dll, or bitmap folders have been updated.
	c r	f any files are newer than those on the client machine, they are copied to the appropriate local c:\compass\ subfolder. The client machines are updated automatically without having to run an ndividual installation on each machine.
	Compass to the netload.exe. C	you can set up a partitioned drive (d:) on the server and install hat drive. The server and all client machines can then run Only a network administrator can change these settings. The ownloading department cannot typically change these settings.
"3041 Incompatible database" error messages.	an older version has loaded the run the paging	urs when the paging software is running in the background using on of either MSAJT200.DLL or MSAJT112.DLL. This software e older version of these dlls to memory. To fix this situation, don't g software at the same time as Compass. Search to find these 2 stem. Compass puts them into c:\windows\system.
	true, rename t software use t both run this v	this paging software has the dlls in its local directory. If this is the dlls in the paging software directory to *.wdl. Let the paging he newer dlls installed and see if the two software packages can way. Always start Compass first and then start the paging s to keep the newer dlls in memory.
muscle.vbx can not be located	X:\compass\d	ng Windows 95, 98, ME, or XP, copy the contents of the folder at II (where X= server drive) to the local machine at ystem. If you are using Windows NT or 2000, copy the contents stem.
	Make sure to the computer.	copy it to the system folder and not the system32 folder. Reboot
Error line: 6005 3044 C:\compass\databas	Perform a sea C:\winnt direc	arch for the file "download.ini". It is located in the C:\windows or tory.
e\ download.mdb isn't a valid path	line to point to	and find the line "mdbpath=C:\compass\database." Change this the database located on the server. For example, compass\database."
	Click the File,	and then Save. Close the file and run netload.exe.

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