

Management Software for Concept 4000 Security / Access Systems

# Insight Communicator

## USER MANUAL For Use with Insight V3.2



#### **Insight Communicator**

User Manual: First Edition For use with Insight software version 3.2.0 May 28, 2007

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This section gives you the minimum to get Insight Communicator running quickly. Note that *Insight Communicator also requires Insight V3.2 or higher to run*. For more detailed information, consult the rest of the manual.

#### Step 1: Install Insight Communicator

- 1. Locate the Insight Communicator install program and open it
- 2. Follow the on-screen prompts
- 3. Select Finish
- 4. Restart the computer if you are prompted to do so

#### Step 2: Register Insight Communicator

You need to register Insight Communicator to use it in conjunction with Insight. If you do not register Insight Communicator, you will only be able to send one-off "Custom Messages".

- 1. Run Insight Communicator. By default, this would be Start > All Programs > Inner Range > Insight Communicator > Insight Communicator Client
- Navigate to the Licence Settings section of the Settings tab. Copy the serial number here into the Communicator registration form. You will also need to fill in the serial number of the Insight Installation that this copy of Communicator will connect to. Fill in and send the registration form to Inner Range
- Once the registration details have come back from Inner Range, select the Register button in Licence Settings. You will be prompted to enter the Name this copy of Insight Communicator is registered to, as well as the Insight Communicator key. Enter this information and select OK
- 4. Note that you will also have to enter the second key provided in Insight Licence Manager in order for this copy of Insight Communicator to work with your Insight installation.

#### **Step 3: Initialise Comms Settings**

- 1. Set the Insight User in Settings tab > System tab
- For each of the comms methods you will be using to send alarms, initialise the settings on the related tab under the <u>Settings</u> tab

#### Step 4: Setup Schedules, Recipients and Groups

- Schedules need to be created to control when certain types of message are sent out. For instance, you might want to limit SMS Messages for some recipients to only be sent during business hours. Create as many Schedules as your application needs in the <u>Schedules</u> tab.
- 2. The next step is to set up all of the **Recipients** using the <u>Recipients</u> tab. Here, you can set the department the Recipient is in as well as what forms of messages they will receive and on what Schedules
- 3. Next, you can put your Recipients in to Groups you define on the Groups Tab

#### Step 5: Setup Message Rules and Templates

- 1. You need to make **Templates** to format the messages that come from Insight by navigating to the <u>Templates</u> tab and selecting New Template
- To make messages to send to Recipients, you need to make Rules to intercept Insight Review messages and determine who to send these messages to as well as prioritising them. You also need to select the Message Template This is done by selecting the <u>Rules</u> tab and pressing the New Message Rule button

#### Step 6: Restart the Insight Communicator Server

- 1. Bring up the <u>Restart Server dialog</u> from Server menu > Restart Server
- 2. Select the "All" check-box and press OK
- 3. Communicator is now set up. Be sure to consult the rest of this manual for more information.

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## Introducing Insight Communicator

The Insight Communicator has been designed as an addition to the Insight program, allowing Insight Review messages to be conveyed over several electronic communications media. Communicator can be configured to readily send messages over email, SMS and paging systems when key words match those found in any Insight Review message, so you can receive notification on any event occurring with your security/access system directly to your phone or inbox. You can also have Review messages sent to other devices that accept ASCII text input connected to your computer's COM port.

#### **Main Interface**

Almost all of Insight Communicator's functionality is performed in the main interface, which is shown below:

ir Insight Communicator	Toolbar	
File Messages Server Help		
Message Rules Message Templates Re	cipient Groups Recipients Schedules Settings Log Viewer	Main Tabs
Created Templates: Alarm Template Fire Template Access Template Generic Template	New Template     Save Changes       Name:     Generic Template       Email Message     Send message using Email       %(given)s %(surname)s,     Message %(message)s recieved at %(paneltime)s       Matched to rule %(rule)s with a priority %(priority)s     Image: Send message (sender the sender the sen	Keywords: SoundFile category department email given message pager paneltime phone priority rule ruleID
	SMS Message Send message using SMS Message %(message)s recieved from panel at %(paneltime)s	senttime surname
	PagerMessage	
	%(message)s	Insert
Note: Any changes to the Ter Below is a discription of double-click one or click Inserts the timestam	Plugins mplate text on this page will take effect immediately on the server, affecting al what the highlighted Keyword will provide. To insert a keyword into the text, the 'Insert' button. The format will be '%(keyword)s'. Please dont edit it p recieved from the panel which sent the message.	I new Review messages simply
Disconnected from server	Status	

- The **Toolbar** is used to control the Insight Communicator Server
- The **Main Tabs** are used to access and manage the different aspects of Insight Communicator's functionality
- The **Status bar** shows whether the Insight Communicator application is connected to the Insight Communicator or not.

#### The Toolbar

lcon	Function	Description
	Start the Communicator Server	Issues a call to Windows to start the server's service
	Stop the Communicator Server	Issues a call to Windows to stop the server's service
*	<b>Connect</b> to the Communicator Server	Attempts to establish a connection to the server with the client. This is required to be able to check server status as well as issue restarts commands. When connected, the status bar will show 'Connected to Server' and the Connect button will be greyed out.
U	<b>Restart</b> the Communicator Server	Opens the <u>Restart Communicator Server Dialog</u> , allowing for certain components of the server to be restarted. This does not actually restart the whole server's service, but instead restarts selected sections of it.
0	Check Status of the Communicator Server	Opens the <u>Communicator Server Status Dialog</u> which will show each of the server's components and their status, along with any error messages if there is one. Will also allow access to starting, stopping and restarting the individual components. Dialog will only open if the client is connected to the server.

#### The Restart Communicator Server Dialog

The Restart Server Dialog allows the user to restart certain areas of the Communicator Server, generally used so that changes made by the client can take effect.

estart Server			
Select which sections of I	the Communicator Server to restart		
Insight Connection	Use if Insight Log In details have changed or Insight Communicator was recently registered		
Rule Matcher	Use when changes have been made to Recipients, Groups, Rules or Templates		
Message Senders	Use when changes have been made to SMTP, Pager, SMS or a Plugin's settings		
All	Use to restart all of the above sections of the server at once		
Note: Each component se no data will be lost. Any f sent will be saved, then p again. When restarting All, only	elected to restart will do so when its current action completes, so Review messages not yet processed or Messages ready to be processed with any changes made to settings when it is active components will restart, not the full server.		
	OK Cancel		

Note

The dialog will only open if the client is connected to the server.

**Insight Connection:** Restart the section of the server which connects to Insight. Use this option if login details have changed or if Communicator has just been registered. During the restart process for this component, any Review events generated by Insight will not be caught.

**Rule Matcher:** Restarts the Rule Processor section of Communicator. This allows changes made to Recipients, Recipient Groups, Message Rules and Templates to take effect.

#### Note

Message text changed in Templates will take effect as soon as Save Changes is clicked, but ticking/unticking a 'Send message using XXX' check box will not work until the Rule Processor restarts.

**Message Senders:** Restarts the components of the server which handle the outbound communications from Communicator. This allows changes to comms and Plugin settings to take effect.

All: Restarts all components of the Communicator server.

#### **Communicator Server Status Dialog**

The Server Status dialog lists each of the server's separate components and their status, along with any relevant error messages.

Se	rver Status		
	Component sound Sender Insight Link pager Sender sms Sender Rule Processor email Sender	State Good Good Stopped Error: Unable to communicate with GSM Modem Good Good	Start Restart Stop Refresh Close

The components can be individually selected and either started, stopped or restarted, allowing each section of the server to be controllable. The dialog will poll the server for a status update once every two seconds, automatically updating the text with the latest information. By clicking the Refresh button, the dialog will refresh the component listing and retrieve the status of each section instantly.

#### Note

The dialog will only open if the client is connected to the server.



## The Custom Messages Dialog

The Custom Message Dialog allows you to append a message ready to be sent to the message queue, containing whatever text you wish, its own priority rating and to any number of recipients.

ustom Message				
Send To:	Message			
<ul> <li>✓ email</li> <li>✓ sms</li> <li>pager</li> <li>_ sound</li> </ul>	Fire Wardens, a reminder that there will be a fire drill in 20 minutes at 2pm			
Message F Groups to send to Managers Day Guards	iority: 100 - Highest, 0 - Lowest Recipients to send to Fred Jones Michael Brown Carv Millar	ge		
Night Guards All Employees Fire Wardens	Gary Millar Paul Anderson Daniel Thomas Server Admin			
	Send Close			

#### To Send a Custom Message

- 1. Select Custom Message from the Messages menu.
- 2. Select which media you wish the message to be sent over in the Send To box.
- 3. Type in your message into the Message box.
- 4. Set the message priority. As with <u>Message Rules</u>, a higher priority will mean it will be sent before those with a lower priority.
- 5. Select the Recipients. This is achieved by highlighting any <u>Groups</u> or <u>Recipients</u> you wish to send the message to. The box on the right will show a list of all Recipients who will receive that message.
- 6. Click the "Send" button. If a Recipient is selected, a dialog will appear stating the message was successfully added to the queue, along with what mediums the message was sent with. This message will act as if it was processed by the message processor, and seamlessly fit into the message queue.

## Message Rules

The Message Rules tab is where the bulk of Communicator's functionality resides. Rules are created here linking Insight Review messages with priorities, Recipients and Templates.

age Rules Message Templates	Recipient Groups	Recipients	Schedules	Settings	Log Viewer		
Messages	[		)	[ Sauro		Delete Message	
rver Room Temp 25 deg arm in Warehouse arm in Main Office re Detected	Message Rule Name:	Alarm in Wa	) irehouse	Jave C	manges		1
arehouse Access After Hours sight Accessed	Text Mai Contains: Doesn't Con Note: The C number of c EG. 'Alarm*;	tching Xmit Alarm * Itain: Contains and haracters be Area1' would	* Warehouse Doesnt Cont tween two v match mess	ain fields c vords. age 'Alarm	pressions an use a * as a v in Area1'	vildcard to represent any	
	Gro Da Nic	Selected Te Message Pr oups to send y Guards ght Guards	emplate: riority: 100 - to	Ala Highest, O	rm Template - Lowest 75 Recipients to Fred Jones *Michael Bri *Gary Millar *Paul Ander	o send to	
		Add	Remo	ve.	Show all a	who will recieve Remove	

#### Creating a Message Rule

- 1. Click the New Message Rule button to append a new rule to the bottom of the list.
- 2. Give the new rule a name.

Text Matching is case sensitive.

- 3. Decide whether you wish to use basic Text Matching or Regular Expressions to successfully match a Rule with an Insight Review message.
  - 3.1. **Text Matching:** Text matching is a straight forward and simple way to match Review messages. Any text entered into the Contains field will attempt to be matched to the Review message which is received and the same process applies to Doesn't Contain. A wildcard \* can be used to represent any number of words to aid in matching. I.e. "Alarm\*Area1" would match text "Alarm in Area1" and also "Alarm detected in Area1".

## 3.2. **Regular Expressions:** Any normal regular expressions can be used to match a Review message.

#### Note

Tip

Only use this option if you understand regular expressions, otherwise the Text Matching option should be sufficient.



- 4. Select a <u>Template</u>. The template used will determine how Communicator will attempt to send the message as well how the message is formatted.
- 5. Give the message a priority rating. The range is 0 100. A higher number increases the priority. As would be expected, a higher priority message will be sent before messages having a lower priority.
- 6. Select the <u>Recipients</u> who you wish to receive the message. By ticking the "Show all who will receive" checkbox, any recipients who will receive the message due to being in a group linked to the message will be appended to the end to the 'Recipients to send to' list with a leading asterisk (\*). This allows you to clearly see who will receive each message.
- 7. Click the Save Changes button to complete the new Rule.



#### Тір

Regardless of how many times a user are listed to receive a message, they will only receive it once.

## The rule can be edited at any time by selecting it in the left hand side list and making your changes.

#### Tip Ren

Remember to save your changes with the Save Changes button and to restart the Rule Processor using the Restart Server dialog so your changes take effect on the server.

## Message Templates

The Message Templates tab gives you the ability to customise the layout and content of each message to be sent. Templates also determine how a message will be sent (via email, SMS, etc.), and with the use of keywords, exactly what information you wish to send. Templates are used by Message Rules.

age Rules Message Templat eated Templates: larm Template	Recipient Groups         Recipients         Schedules         Settings         Log Viewer           New Template         Save Changes         Delete Template	e Keywords:
ire Template ccess Template	Name: Alarm Template	SoundFile
eneric Template	Energy Management	department
	Send message using Email	given
	%(given)s %(surname)s, Alarm detected at %(paneltime)s. Exact message: %(message)s	message pager paneltime phone priority
	8	rule ruleID
	SMS Message ✓ Send message using SMS	surname
	Alarm Message %(message)s recieved at %(paneltime)s	
	PagerMessage	
		Insert
Notes According 1	Plugins	Dan internet
Note: Any changes to Below is a discription of w	the Template text on this page will take effect immediately on the server, affecti what the highlighted Keyword will provide. To insert a keyword into the text, doub	ng all new Review messages le-click one or highlight one

#### **Creating a Message Template**

- 1. Click the New Template button to append a new template to the bottom of the list.
- 2. Give the new Template a name.
- 3. Use the checkboxes to select how the messages will be sent, (i.e. Email, etc).
- 4. For each type of message, you can set the body text, including "Keywords" which let Communicator insert dynamic text from the related Insight Alarm (such as the actual Alarm message) and/or from Communicator itself (such as name, priority, etc).

The available keywords are shown on the right hand side of the screen and a description of what they represent is displayed at the window at the bottom of the tab. To insert one into your message, either select it and click the 'Insert' button or double click the keyword. This will insert the keyword with proper syntax to where your text cursor last was.



Note

The proper format for a keyword is %(message)s and the character '%' can not be used in your message.

5. By clicking the Plugins button you can also set the formatting of messages that go to other devices connected to the serial port, or to get communicator to play a .wav file on the PC when a message using this template is called.

#### 6. When finished, click the Save Changes button.

The template can be edited at any time by selecting it in the left hand side list and making your changes.



#### Тір

Remember to save your changes with the Save Changes button and to restart the Rule Processor using the Restart Server dialog so your changes take effect on the server.

#### **Playing Sound Files**

Sound files can be played on the PC that Communicator is running on when particular messages come in from Insight. These might be used to alert an Operator or play a pre-recorded message over a PA system.

- Each Recipient can have a particular .WAV file associated with them, as well as the Schedule when sounds are valid.
- To make the .WAV file play, the Recipient must receive a message based on a Template that allows a sound file

#### Enabling Sound Files in a Message Template

- 1. Select the Message Template or create a new Template
- 2. Click the Plugins button

Plugins - Templates		×
COMHex COMText sound	Send message using Sound %(SoundFile)s	Category Parity given surname senttime ruleID ByteSize BaudRate rule ComPort priority phone
	Save Close	Idepartment

- 3. Choose the sound Plugin from the list
- 4. Tick the check-box at the top of the dialog
- 5. Select the SoundFile keyword from the list on the right and Insert it into the message for the sound Plugin
- 6. Click Save Changes then click Close
- 7. Remember that to play the sound, each Message Rule must call a Message Template with the above settings in it.

## **Recipient Groups**

A Recipient Group is a simple way to combine several Recipients into a manageable set. Messages can be sent directly to a group instead of individually selecting the recipients, saving time and also allowing an amount of organisation.

Insight Communicator			
Messages Server Help			
<u>०० 🖉 २० ७</u>			
ssage Rules Message Templates Re	ecipient Groups Recipients Schedules Settings	Log Viewer	
Groups Managers Day Guards	New Group Save Ch	hanges Delete Group	
Night Guards All Employees Fire Wardens	Group Name: Managers		
	Recipients not a member	Members of this Group	
	Michael Brown Gary Millar Daniel Thomas Server Admin	Fred Jones Paul Anderson	
		~	

To move <u>Recipients</u> into a Group, highlight the desired Recipients in the "Recipients not a member" box (left box) and click the '>>' button. This will cause the selected Recipients to move into the "Member of this Group" box (right box). To remove Recipients from a Group, the same method is used with the '<<' button.

The group can be edited at any time by selecting it in the left hand side list and making your changes.



Тір

Remember to save your changes with the Save Changes button and to restart the Rule Processor using the Restart Server dialog so your changes take effect on the server.

## Recipients

A Recipient is an entity who holds information for the message senders (email, SMS, pager etc.) to use.

The most common use of Recipients will be to represent an individual person; however they can also be used as generic entities. For example, one Recipient may represent an employee, with their email, phone number, name and department stored; another may represent the system admin which contains the generic system admin email or with the use of a Sound Plugin, store the location of a sound file that is to be associated with this Recipient.

				N 1	
sage Rules Message Templates	Recipient Groups Recipients	Schedules S	ettings 🛛 Log Viewer		
Recipients	New Recipient	) (	Save Changes	Delete Recipient	
iichael Brown Gary Millar	First Name:	Michael			
aul Anderson Aniel Thomas	Last Name:	Brown			
erver Admin	Department:	Head Day-Tin	ne Guard		
	Email Details				
	Email Address:	m.brown@acompany.com.au			
	Email Schedule	All Hours		~	
	Sms Details Phone Number:	Sms Details Phone Number: 0441333333			
	Sms Schedule:	Sms Schedule:			
	- Datar Dataila	On Call Hours			
	Pager Number:				
	Pager Schedule:			~	
	Groups a Memb	er Of:	Plugins	Messages to recieve:	1
	Day Guards All Employees Fire Wardens		A A F	llarm in Warehouse llarm in Main Office ire Detected	
	Note: Do	ouble click a Grou	ip or Message to jum	p straight to it.	

If details for a given communications medium are blank, then Communicator will not try to send a message to that recipient using that particular medium. This allows several different media to be used in the same Template on the same Rule.

<u>Schedules</u> can be linked to each different communications medium associated with the Recipient. This allows you to control when and if a message will be sent to a Recipient over a particular medium. If a Schedule for a medium is provided, a message will only be sent to that Recipient if it is received from Insight during one of that Schedule's valid time blocks. For example, you might wish to send SMS messages to a particular Recipient during On Call hours only.

If the Recipient is being set up to handle communications with an external device using a Plugin (such as a DVR), see the <u>next section</u>.

The Recipient can be edited at any time by selecting it in the left hand side list and making your changes.

Tip

Remember to save your changes with the Save Changes button and to restart the Rule Processor using the Restart Server dialog so your changes take effect on the server.

#### Using a Recipient to Communicate with a Device or another System

Recipients can be used to route messages to external devices connected to the Communicator PC, or indeed another system by using an appropriate Plugin.

For generic RS232 communications with external devices, Inner Range provides the COMText / ComHEX Plugins. One application using the COMText is to superimpose Insight Review information onto DVR footage by connecting the Communicator PC to a DVR over RS232. Assuming the DVR has a text interface for RS232, this would be achieved by:

- Creating a Recipient to use the Plugin
   Adjusting any relevant Message Templates or creating templates to use the Plugin
- 3. If new Message Templates were created, new Message Rules must be created to call the new Template/s
- 4. Add the Recipient to any Message Rule affected by the above changes. This may be able to achieved by adding the Recipient to any relevant Groups.

#### **Recipient Setup**

- 8. Create a new Recipient to handle communications with this DVR. Give the Recipient an appropriate name
- 9. Click the Plugins button to access the settings for Plugins that can be individualised for each Recipient
- 10. The Plugins Recipients dialog will appear
- 11. Since this application is going to send text out of an RS232 port, choose COMText and enter settings to match what the DVR requires
- 12. Choose a schedule for this Plugin. In this case a schedule that operates 24 hours a day has been chosen
- 13. Click the Save Changes button, then the Close button

Plugins - Recipients		
	StopBits:	1
sound	ByteSize:	8
	BaudRate:	9600
	ComPort:	3
	Parity:	N
	Schedule:	24/7
,		
S	ave Changes	Close

- 14. Now click the Save Changes on the Recipient tab to save the settings for this Recipient.
- 15. Be sure to add this Recipient to any Groups it might need to be part of in order to receive certain types of messages.

You must now format the messages that should be sent over the serial link in each of the Message Templates that will be used to send messages to the DVR. The method is overleaf.

#### Message Template Setup

1. If modifying an existing template, open the Message Template and click the Plugins button. Otherwise, create a new Message Template, name it, then click the Plugins button

Plugins - Templates			X
COMHex COMText sound	Send message using Comtext [Enter any setup/control string the Device requires here] %(message)s	<	ByteSize BaudRate rule ComPort priority phone SoundFile department paneltime StopBits pager email
	Save Close	ļ	Insert

- 2. Choose the Plugin to use on the left hand box. In this example, COMText is being used
- 3. This will bring up a message box and a check-box for that Plugin. Tick the check-box for COMText
- 4. In the message area, setup the message to suit what the device requires, followed by the message you want to send to the device. In the example above, the control string required by the DVR is entered, followed by the Insight Alarm message.
- 5. Click the Save button, then click the Close button
- 6. Save the changes to the Template on the Message Templates tab

#### Ensure the Recipient Gets the Message(s)

Once the Recipient has been setup and the required Message Templates have been modified and/or created, you need to make sure that:

- New Rules are created to call any new Message Templates
- The Recipient is added to the receive list of any new message rules
- The Recipient is added to the receive list of any modified message rules, either by adding them directly to the receive list, or adding the Recipient to Group(s) who are on the recipient lists of the modified message rules

## Schedules

Schedules allow you to specify the time blocks in which a message is allowed to be sent. The Schedules can be created with a granularity of 15 minute block sizes and can have as many individual blocks as the user wishes.

	k.								
ssage Rules Message Templates	Recipient Groups	Recipients	Schedules	Settings	Log Viewer				
Schedules						_			
Normal Working Hours	New	Schedule		Save Char	nges	Dele	ete Schedule	J	
Night Guard Shift	ſ								
Weekend All Hours		Name: No	rmal Working	Hours					
Extended Daytime Hours	- 1								
All Hours	Sch	edule Block Si: \ 1. bour	ze	○ 30 min	utos	01	minutes	1	
orrealmours	G	1 HOU		0.00 min	utes	01.	o miniaces		
		Mon	Tues	Wed	Thurs	Fri	Sat	Sun	
	0:00 - 1:00	2011/01/01				1000			
	1:00 - 2:00								
	2:00 - 3:00								
	3:00 - 4:00								
	4:00 - 5:00								
	5:00 - 6:00								
	6:00 - 7:00								
	7:00 - 8:00								
	8:00 - 9:00	-	4		12 J				
	9:00 - 10:00								
	10:00 - 11:00								
	11:00 - 12:00								
	12:00 - 13:00								
	13:00 - 14:00								
	14:00 - 15:00								
	15:00 - 16:00								
	16:00 - 17:00		÷		A				
	17:00 - 18:00								
	18:00 - 19:00								-
	19:00 - 20:00								
	20:00 - 21:00	l							_

#### **Creating a Schedule**

- 1. Click the New Schedule button.
- 2. Give the Schedule a name.
- 3. Set the block size. This is only used to change the degree of granularity and changing the block size will not alter the already highlighted blocks.
- 4. To create a Time Block, simply left click and drag to highlight the desired blocks, turning them orange. While dragging, multiple days can be set by also dragging to the left/right. To de-select a block, hold down Ctrl then click and drag over the blocks, this will turn the blocks white again.
- 5. Click Save Changes to save the Schedule.

The schedule can be edited at any time by selecting it in the left hand side list and making your changes.

## The Log Viewer

The Log Viewer allows you to see a list of messages which have been processed and attempted to be sent, along with whether the attempt was successful.



The messages can be viewed by ticking the box next to the desired senders; however a limit of 1000 viewable messages is set for each individual sender. If this limit is reached, use of the Date Range option will be required to view all of the desired messages, by limiting the view to a certain day or set of consecutive days. To do this, set the 'From date', the 'To date' and tick the Use Date Range box.

## Configuration



Configuration of Insight Communicator is accessed from the Settings tab. Each configurable item of Communicator is available on a separate sub-tab. Each of these items is described on the following pages.

#### Tip

After changing aspects of the configuration, always remember to restart the Insight Connection and/or Message Senders using the Restart Server dialog so your changes take effect on the server!

#### System Settings

Under the System Settings tab a User Name and Password are requested in order to logon to Insight. The User Name and Password required is one linked to an Operator in Insight with permissions to access the module 'COM Interface'.



#### Important!

For security reasons, it is preferable to create a new Operator under Insight with access only to the COM Interface module, to minimise risks to the Insight system.

After the User Name and Password are entered and 'Save Changes' has been clicked, the Insight Link will need to the restarted in order to take effect. This can be achieved with the Restart Communicator Server Dialog.

#### Email

Option	Description
From Address	The address to list the Communicator's message as having come from in the Recipients Inbox.
Subject	The text which will be displayed in the Subject of emails sent from Communicator.
Messages Per Minute	The maximum amount of emails which can be sent in a minute. This maximum may never be reached, however it allows control on how often messages are sent out to avoid congestion in busy times.
SMTP Host	The Host SMTP Server to send emails with.
User Name	Used if authentication is required with the SMTP Host, otherwise leave blank.
Password	Used if authentication is required with the SMTP Host, otherwise leave blank.
Max Retries Per Message	On the event of an error occurring when sending a message, the maximum number of retries before a message is marked as 'Failed'.

Changes to Email settings will take effect the Message Senders section of the Communicator server has been restarted or by restarting the Email Sender within the Communicator Server Status dialog.

#### SMS

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At this time, Insight Communicator sends SMS messages with the use of a GSM modem connected to the Insight Communicator PC. The SMS settings tab allows you to configure how Communicator talks to the GSM modem.

Option	Description
COM Port	The COM port which the GSM Modem is connected to.
Baud Rate	The Baud Rate to connect to the modem with.
Byte Size	The Byte Size to connect to the modem with.
Parity	The Parity to connect to the modem with.
Stop Bits	The Stop Bits to connect to the modem with.
Messages Per Minute	The maximum amount of SMS messages which can be sent in a minute. This maximum may never be reached, however it allows control on how often messages are sent out to avoid congestion in busy times. Messages are evenly spaced over the minute.
Max Retries Per Message	On the event of an error occurring when sending a message, the maximum number of retries before a message is marked as 'Failed'.

Changes to SMS settings will take effect the Message Senders section of the Communicator server has been restarted or by restarting the SMS Sender within the Communicator Server Status dialog.

#### Pager

Insight Communicator is designed to send pager messages using a special type of modem for this purpose which is connected to the Insight Communicator PC. The Pager settings tab allows you to configure how Communicator talks to the Pager modem.

Option	Description
COM Port	The COM port which the Pager Modem is connected to.
Baud Rate	The Baud Rate to connect to the Pager modem with.
Byte Size	The Byte Size to connect to the Pager modem with.
Parity	The Parity to connect to the Pager modem with.
Stop Bits	The Stop Bits to connect to the Pager modem with.
Messages Per Minute	The maximum amount of Pager messages which can be sent in a minute. This maximum may never be reached, however it allows control on how often messages are sent out to avoid congestion in busy times. Messages are evenly spaced over the minute.
Max Retries Per Message	On the event of an error occurring when sending a message, the maximum number of retries before a message is marked as 'Failed'.
Protocol to Use	Allows selection from a list of possible protocols to communicate with the Pager System with.

Changes to Pager settings will take effect the Message Senders section of the Communicator server has been restarted or by restarting the Pager Sender within the Communicator Server Status dialog.

#### Plugins

Insight Communicator allows Plugins to enhance its functionality. Some Plugins are shipped with Insight Communicator such as the Sound Plugin which enables Communicator to play sound files on the PC in response to particular Insight messages.

The Plugins Tab allows access to any core Settings which a Plugin may require. By clicking on a Plugin's name in the list box (if any are installed) a list of options are displayed for editing.

#### Note

Some Plugins do not require any core Settings, so will not have any options appear.

Changes to Plugin settings will take effect the Message Senders section of the Communicator server has been restarted or by restarting the Plugin within the Communicator Server Status dialog (if shown there).

#### **Sound Plugin**

The default path of where .wav files used by Communicator are stored can be set here.

#### **COMText and COMHex Plugins**

These Plugins enable Communicator with a generic serial communications service so that you can interface with devices other than pagers and modems (such as DVRs) if need be. Typically, these Plugins are accessed by creating a <u>Recipient</u> for each device in order to process communications. Serial Port settings for devices using the COMText/COMHex Plugin are handled on a Recipient by Recipient basis.

#### Licence

The Licence Tab will show the current state of Communicator's licence if connected to the Communicator Server. Otherwise, a message requesting you to connect to the Communicator Server is displayed.

If you have not registered your copy of Communicator yet, the Register button will be enabled and your Serial Number and a blank Name field will be shown.

#### **Registering Insight Communicator**

- To register your copy of Communicator, fill out the registration form (in the packaging and supplied electronically in the Communicator installation) and send it to Inner Range providing the Serial Number listed in the Licence tab as well as a Name you wish to register with. You will also need to supply the serial number of the Insight installation you wish to use with this copy of Communicator.
- 2. Inner Range will provide a key for Insight Communicator (the Communicator Key) as well as a key to enter into the Licence Manager in the Insight Software (the Insight Key).
- 3. Enter the Insight Key into Insight's Licence Manager.
- 4. In Communicator's Licence tab, click the Register button. By clicking this button, a dialog will be displayed with an area for the registration Name and the Communicator Key provided by Inner Range.
- 5. By clicking OK, the registration information will be passed to the Communicator Server, verified and the status on the License Tab will be updated to 'Successfully Registered' if valid information is provided.

Once the registration has been completed, the link to Insight needs to be restarted. This can be done from the Restart Communicator Server dialog or by restarting the Insight Link within the Communicator Server Status dialog.

#### Important!

Communicator will not connect to Insight and listen for review messages if the product is not registered. You can only send custom messages if the product is not registered.