

SecurCOMM USER GUIDE

Version 84

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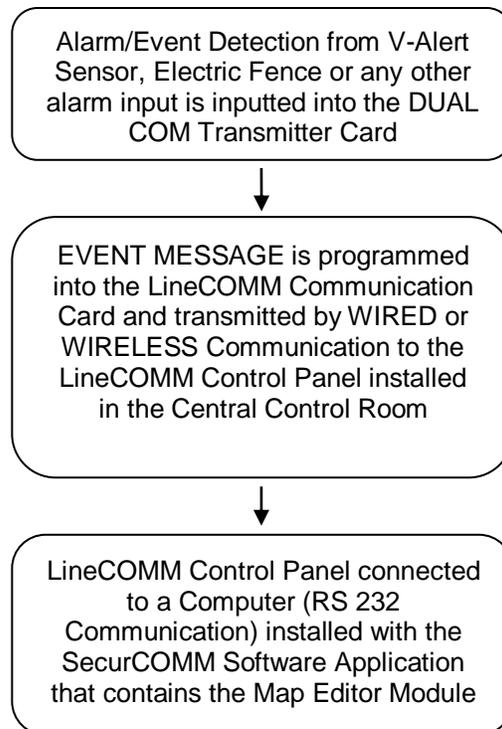
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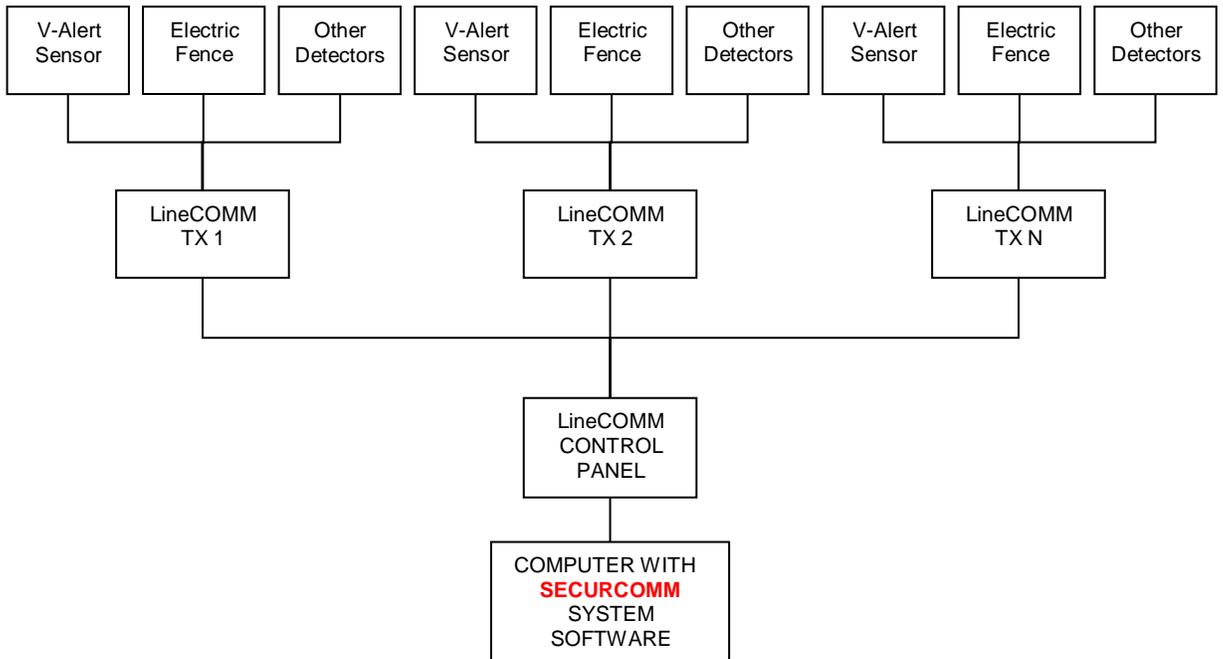
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1. Introduction

1.1. What is SecurCOMM?

- 1.1.1. The **SecurCOMM Integrated Security Site Management Application** is a software Application used in Control Centers, Guard Rooms or Monitoring Rooms of integrated Perimeter Security Installations and projects.
- 1.1.2. The SecurCOMM Integrated Control Center Application is used to integrate all the alarm signals and events from electronic cabinets using the LINECOMM Communication System.
- 1.1.3. The SecurCOMM Application receives the alarm signals transmitted by the LINECOMM Communication System, displays the event messages in the form of an events log, saves history files of the events log and displays the events occurring on the site on a synoptic map.
- 1.1.4. The SecurCOMM Application can integrate different types of Intrusion Detection Systems using the LINECOMM System that includes GM's Perimeter Intrusion Detection Systems – the V-Alert Intrusion Detection System and GM's Electric Security Fencing System. In addition the system can be used to integrate the alarm signals from any other detection system using the LINECOMM Communication System.
- 1.1.5. The following block diagrams explains the system configuration:





1.2. Main Features of the SecurCOMM Application

- 1.2.1. Integrates Alarm signals from GM's Perimeter Security Systems via the LINECOMM Communication System.
- 1.2.2. Events Log and Events Log History with easy sort and search functions.
- 1.2.3. Ability to set different Authorization Levels for different users.
- 1.2.4. Simple association of alarms from the Intrusion Detection Systems.
- 1.2.5. User-friendly set-up and creation of sites Synoptic Map.

1.3. License

- 1.3.1. The SecurCOMM System Software is a licensed product developed by GM.
- 1.3.2. The product is supplied with a SOFTKEY which enables use of all the SecurCOMM functions. Please refer to the SOFTKEY Installation Instructions.

1.4. Contact

- 1.4.1. Contact GM AFCON Security Technologies or an authorized distributor or installer for technical support for the SecurCOMM Application.

1.5. Version history

- 1.5.1. GM Reserves the right to amend and upgrade the SecurCOMM Application at any time.
- 1.5.2. GM is continually upgrading the SecurCOMM Application in an attempt to improve and add features to the existing software.

1.6. System Requirements

- 1.6.1. Pentium® 3/4 or AMD Athlon - 1 Ghz or more
- 1.6.2. True Color Video Card (24 or 32 bits - 16,8 M colors)
- 1.6.3. 50 Mb HDD free space
- 1.6.4. 512 Mb RAM
- 1.6.5. Com (USB) ports. For use USB port need cable USB to Serial
- 1.6.6. Monitor resolution 1024x768

1.7. The purpose of the User Guide

- 1.7.1. The objective of this User Guide is to provide a broad overview of the SecurCOMM Application. The User Guide will provide the initial tools required to familiarize the user with the Application. This does not replace the need for training by an authorized GM technician or installer. Training in the use of the SecurCOMM Application is highly recommended if not essential to the effective use of the system. Training will provide a more in depth explanation of the SecurCOMM Application functions required to optimally install and set-up the system. GM will not be responsible for the use of the system by unauthorized and untrained installers.

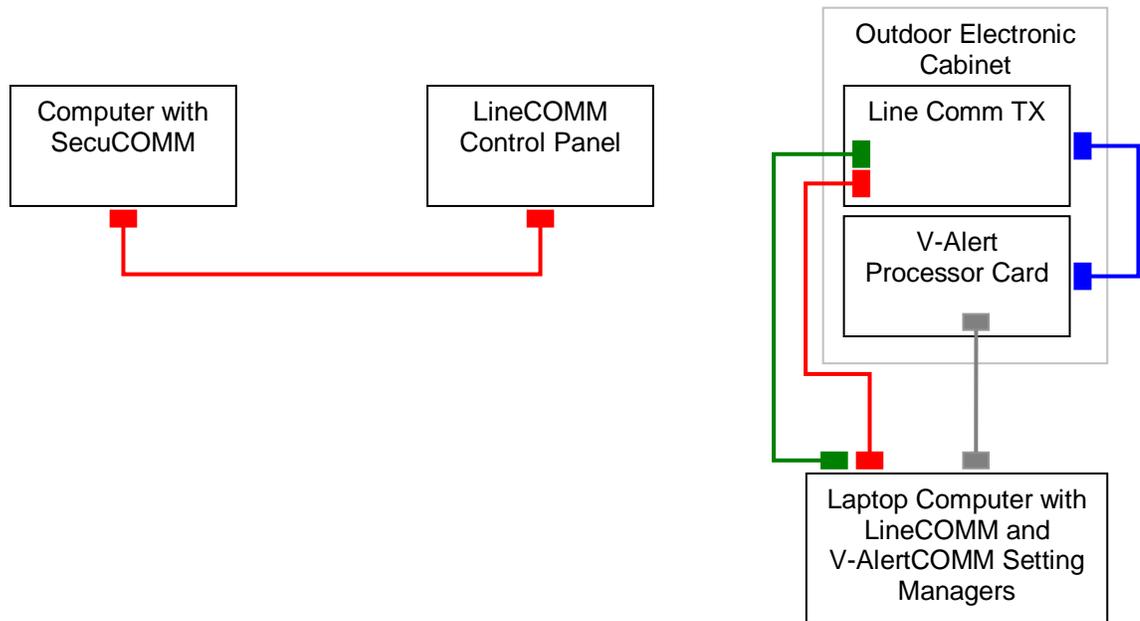
1.8. Connections

- 1.8.1. Connect the RS232 9 pin plug or USB Port of LINECOMM RX Card to the RS232 9 pin plug or USB Port of the computer
- 1.8.2. The SecurCOMM System is now ready for operation.
- 1.8.3. Setting the COMPORT will be explained below.

1.9. Cables

1.9.1. The following diagram provides an overview of all the possible cables used in the GM product range.

Cables required for GM's Product Range



CABLE COLOUR CODES	
	Standard RS232 cable – used with LineCOMM Settings Manager **
	USB A to B cable – used with V-Alert Settings Manager
	RS232 TWISTED cable
	USB – RS232 Adapter cable **

** The Standard RS 232 and USB –RS232 Adapter can be used interchangeably. The USB-RS232 Adapter is used when the laptop computer does not have a RS232 Port

2. Overview

2.1. Installation

2.1.1. The installation of the SecurCOMM Application is explained in a separate manual entitled: "SecurCOMM Installation Manual".

2.2. Uninstall

2.2.1. The SecurCOMM Application can be uninstalled as follows:

- ⇒ OPEN START MENU
- ⇒ OPEN CONTROL PANEL
- ⇒ OPEN ADD/REMOVE PROGRAMS
- ⇒ REMOVE THE SecurCOMM APPLICATION

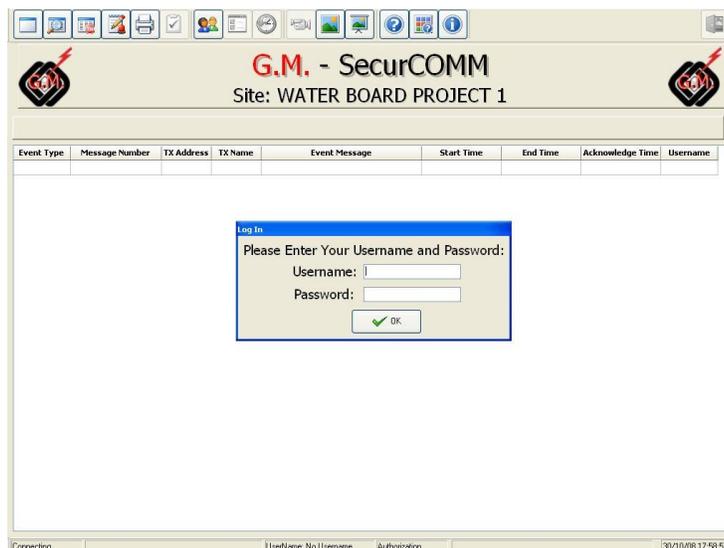
3. Quick start

3.1. Opening the SecurCOMM Application and Authorization

Click on the SecurCOMM Application Shortcut which will be installed automatically on the desktop after the installation of the SecurCOMM Application.



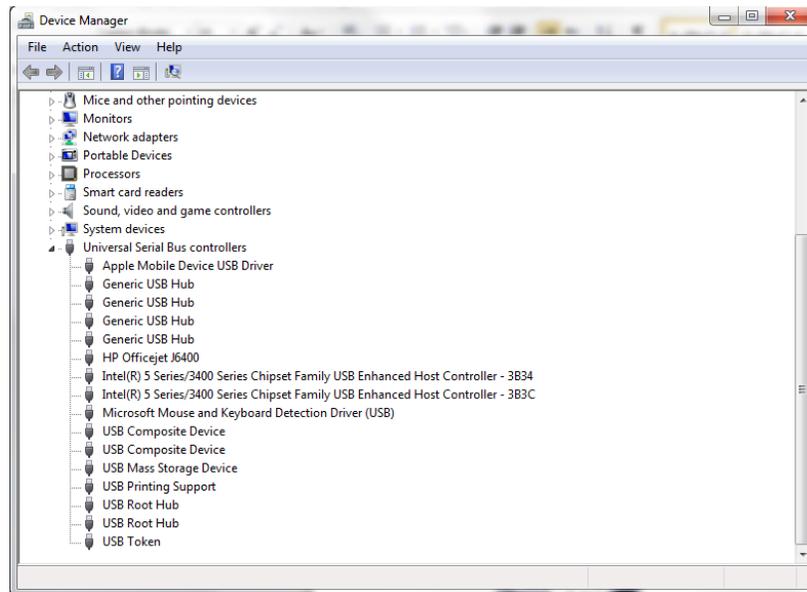
The following LOG IN window will open on the MAIN SCREEN of the Application:



- User Level 2
 - User Level 3
 - Administrator
- e. The different authorization levels permit or deny access to specified features of the SecurCOMM Application. For example the USER is denied access to the APPROVE ALL/OPTIONS and HISTORY features of the Application. In this case the respective buttons will not be active and will fade to grey.
- f. The ADD ROW or DELETE ROW functions can be used to add or delete different users.
- g. When you have completed adding or deleting users, click on the SAVE and CLOSE BUTTON to save the changes.

3.1.2. Selecting the COMPORT

- a. In order to find out which comport is being used by SecurCOMM follow the following instructions:
- b. Go to the computer's DEVICE MANAGER and open up the USB ports.



- c. Look for Silicon Labs CP 2101 USB to UART bridge (COM X) - the COMPORT will be in brackets – and then enter this comport number in SecurCOMM as per the following instructions.



- d. Click on the OPTIONS button on the MAIN SCREEN toolbar
- e. The following window will open:

Options and Settings

General Communication Authorization Disable Alarm Set Alarm Alarm groups TCP/IP Client TCP/IP Server Translate Input Messages

Com Port - IN

Port*	Unit Name	DualComm	Baud Rate	Protocol
3	Line A	<input type="checkbox"/> No	115200	GM Default
4	Line B	<input checked="" type="checkbox"/> Yes	115200	GM Default
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		

Add Row
Delete Row

Edit Protocol

*To select the Comport double click on the cell in the "Port" column or enter the port number in the cell.

Com Port - Out

Com Port OUT - # 0 Use for GSM8

- f. Click on the COMMUNICATION tab.
- g. Enter the COM PORT number by typing the com port number in the Port Column.
- h. **IF YOU ARE CONNECTING MORE THAN ONE** LineCOMM RX Receiver card to the computer then you need to enter 2 separate port numbers as seen in the example window. It is recommended that at least 1 of the connections from the LineCOMM RX Receiver be connected from the RS232 Port on the card to the USB, or RS 232 port of the computer.
- i. **When using the DualCOMM Communication System the Baud Rate is 2400.**
- j. **When using the LineCOMM Communication System the Baud Rate is 115200.**
- k. IMPORTANT – after typing the comport number click on the cell in the next line below the number to complete the process and then proceed to SAVE and CLOSE.

3.1.3. Having authorized the SecurCOMM users, the following Main Screen will open:

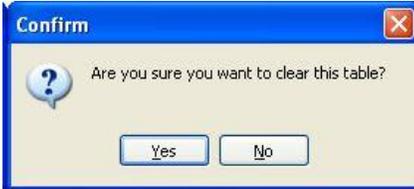


The Main Screen consists of an events log which will be empty when the application is opened. As soon as the SecurCOMM Application is operational (connected with the LINECOMM Control Panel), event messages will enter and be stored on the Main Screen events log.

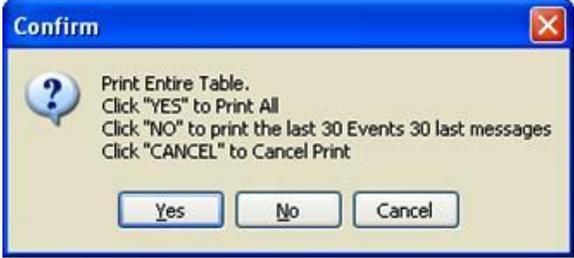
4. Main Screen

4.1. Main Screen Button menu

The following table describes the Main Screen Button menu and their respective functions:

Button Icon and Name		Function/Description
	Clear Table	<p>Clicking the CLEAR TABLE button will clear the events log table. Prior to clearing the table the following window will open.</p>  <p>Click the YES button to continue.</p>

	<p>Show/Hide Search Table</p>	<p>Clicking the SHOW/HIDE button opens/closes the following window that will enable the user to search for text in any of the events log columns:</p>  <p>If the mouse cursor is on the Message Number column, then you can search for text in the Message Number column. If the cursor is on the Event Type column, then you can search in the event type column and so on for all the other columns in the Events Log.</p> <p>Click on the NEXT button  to find the next event containing the text that you are searching for.</p>
	<p>Stop Scroll Table</p>	<p>Clicking on the STOP SCROLL TABLE button will stop the table from scrolling. In a situation in which a lot of alarm messages are entering the events log at any one time, stopping the table from scrolling enables the operator to stop the events log, read and react to the event messages. The event message table will continue to receive event messages which will be shown on the events log as soon as the STOP SCROLL TABLE button is switched off.</p>
	<p>Write Alarm Action</p>	<p>Clicking on the WRITE ALARM ACTION button enables the user to write the action taken for the chosen event message.</p>
	<p>Print Table</p>	<p>Clicking on the PRINT TABLE button will print the events table according to the settings set in the GENERAL tab of the OPTIONS window (see explanation below)</p> <p>The following window will open. Choose from the YES/NO/CANCEL options to print your printing requirement:</p>

		 <p>A dialog box titled "Confirm" with a question mark icon. The text inside reads: "Print Entire Table. Click 'YES' to Print All. Click 'NO' to print the last 30 Events 30 last messages. Click 'CANCEL' to Cancel Print." There are three buttons at the bottom: "Yes", "No", and "Cancel".</p>
	Approve All	Clicking on the APPROVE ALL BUTTON will approve all the Event Messages in the Events Log. The colour of the event message will change according to the alarm message colour code table (see Show/Hide Alarm Message Colour Code Button below).
	Switch User	Clicking on the SWITCH USER button allows you to change the user. The new user will have his or her own username and password as set in the Authorization Tab of the Options and Settings window (Options button).
	Options	Clicking on the OPTIONS button opens the OPTIONS and SETTINGS window. The different tab options of this window will be explained below.
	Show History	Clicking on the SHOW HISTORY button opens the history screen, which replaces the MAIN screen until such time as you exit the history screen. The operation and button functions of the history screen will be explained below.
	Camera	Provision has been made for the integration of CCTV cameras. This feature is not currently operational.
	Open Map	Clicking on the OPEN MAP button will open the map that has been created and associated using the MAP EDITOR application explained below.
	Open Map Automatically	Clicking on the OPEN MAP AUTOMATICALLY button will cause the MAP to pop-up every time a new event message is received by the Events Log.
	Help	The HELP Button is currently not linked to the USER MANUAL which will be supplied as a separate document for file.

	<p>Show/Hide Alarm Message Colour Code</p>	<p>Clicking on the SHOW/HIDE ALARM MESSAGE COLOUR CODE button opens the following window, in which you can see the different colour codes that will appear on the Events Log.</p>  <ul style="list-style-type: none"> - RED - Alarm message RECEIVED - GREEN - Alarm message OK message - PINK - Alarm message has not been acknowledged - GREY - Alarm message has been acknowledged - WHITE - Alarm message has been acknowledged and OK message received - YELLOW - CRC File Error - YELLOW - Break in sensors circuit
	<p>About</p>	<p>Clicking on the ABOUT button opens a window in which the SecurCOMM Application version will appear. Please note that GM is continually upgrading the SecurCOMM Application.</p>
	<p>Run Map Editor</p>	<p>Clicking on the RUN MAP EDITOR button will open the MAP EDITOR application the use of which is explained below.</p>
	<p>Run Speech Editor</p>	<p>Clicking on the RUN SPEECH EDITOR button will open the RUN SPEECH EDITOR function the use of which is explained below.</p>
	<p>Click for set night mode</p>	<p>Clicking on the CLICK FOR SET NIGHT MODE button will cause the button to change to the night mode</p> 
	<p>Click for set real time mode</p>	<p>Clicking on the CLICK FOR SET REAL TIME MODE button will cause the button to revert to the real time mode</p> 
	<p>Exit/Close</p>	<p>Clicking on the EXIT/CLOSE button enables the user to close the SecurCOMM Application.</p>

4.2. Description of the Main Screen

4.2.1. Header Panel of the Main Screen

- 4.2.1.1. The SITE NAME that you have entered using the OPTIONS button and GENERAL TAB will appear at the top of the screen. Setting the SITE NAME is explained below.

4.2.2. Last Alarm Message

- 4.2.2.1. The Last Alarm Message received will appear in the Last Alarm Message field.

4.2.3. Lower part of the Main Screen

CONNECTING	USERNAME	AUTHORIZATION	CURRENT ROW	DATE & TIME
------------	----------	---------------	-------------	-------------

- 4.2.3.1. The following information will appear on the lower part of the Main Screen:

- a. Connecting – shows connection status.
- b. UserName currently in use.
- c. Authorization currently in use.
- d. Current Row out of total rows currently being shown.
- e. Date and Time.

4.2.4. Event Table

- 4.2.4.1. The Event Table of the Main Screen contains the following columns which will be filled automatically by any events messages received by the SecurCOMM Application.

4.2.4.2. Columns

- a. Event Type.
- b. Message Number.
- c. Tx Address.
- d. Tx Name.
- e. EVENT MESSAGE.
- f. Start Time.
- g. End Time.
- h. Acknowledge Time.
- i. Username.

4.2.5. The Main Screen description and explanation explained and referred to in paragraph 4.2. can be seen below:

The screenshot displays the G.M. - SecurCOMM interface. At the top, there is a toolbar with various icons. Below the toolbar, the title "G.M. - SecurCOMM" is centered, with "Site: HEADER PANEL" to its right. A banner below the title reads "LAST ALARM MESSAGE WILL APPEAR". The main area contains a table of alarm messages. A modal dialog box is overlaid on the table, prompting for a username and password. Below the table, there are five buttons: "CONNECTING", "USERNAME", "AUTHORIZATION", "CURRENT ROW", and "DATE & TIME".

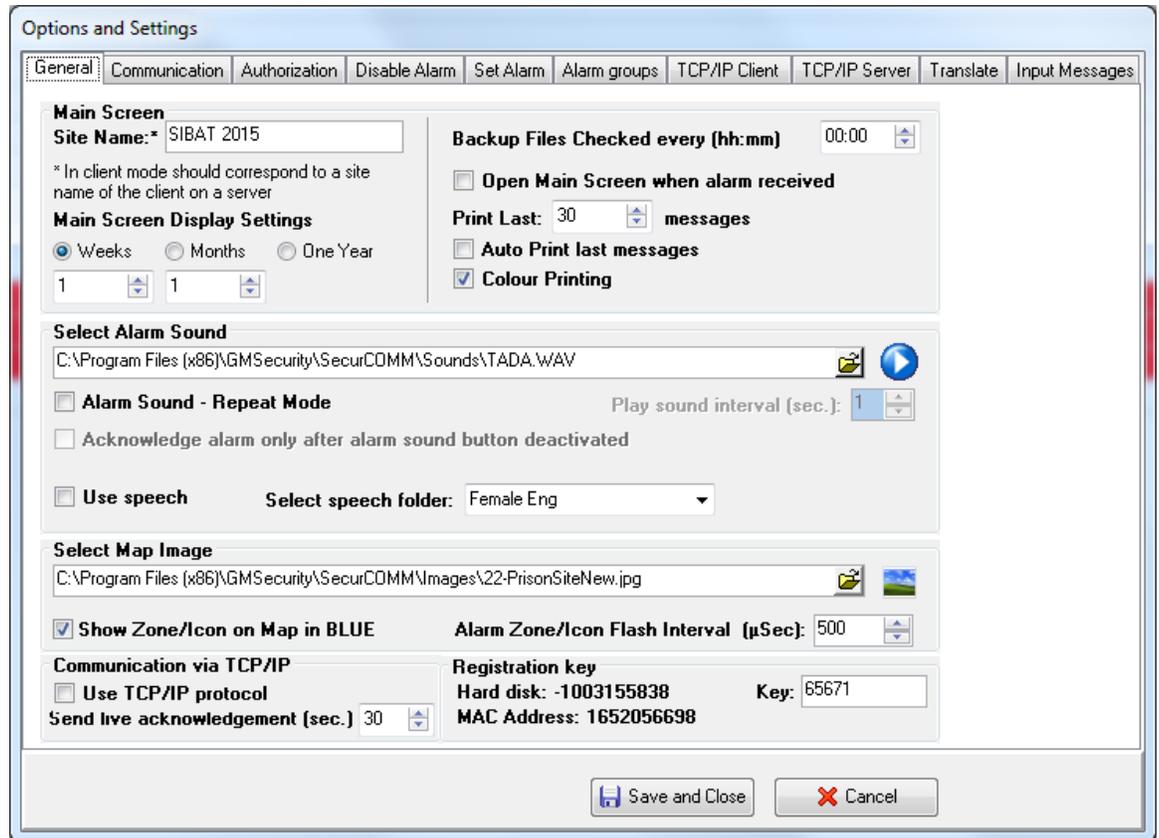
Event Type	Message Number	TX Address	TX Name	Event Message	Start Time	End Time	Acknowledge Time	Username
Alarm	981	1	BOX 1	Log In				
Alarm	982	1	BOX 1			22/07/2008 10:18:13		
Alarm	983	1	BOX 1					
Alarm	984	1	BOX 1			22/07/2008 10:18:20		
Alarm	985	1	BOX 1					
Emergency	986	1	BOX 1					
Communication			Main Unit					
Communication			Main Unit					
Sensor	179 (ALEXLAPTOP)	1		ZONE 001 SENSOR 001 ALARM	14/07/2008 19:57:24			
Alarm	180 (ALEXLAPTOP)	1		1	14/07/2008 20:00:32	14/07/2008 20:00:35		
Alarm	181 (ALEXLAPTOP)	1		1	14/07/2008 20:00:35			
Sensor	182 (ALEXLAPTOP)	1		ZONE 001 SENSOR 001 ALARM	14/07/2008 20:01:52		22/07/2008 16:14:26	i
Sensor	183 (ALEXLAPTOP)	1		ZONE 001 SENSOR 001 ALARM	14/07/2008 20:01:54		22/07/2008 16:14:23	i
Sensor	184 (ALEXLAPTOP)	1		ZONE 001 SENSOR 001 ALARM	14/07/2008 20:17:53		22/07/2008 16:14:21	i
Communication			Main Unit	COMM. FAILURE CONTROL PANEL	22/07/2008 15:55:31			
Communication			Main Unit	COMM. FAILURE CONTROL PANEL	22/07/2008 16:32:54			
Sensor	998 (MEDIA)	1		ZONE 001 SENSOR 001 ALARM	23/07/2008 19:10:13			
Sensor	997 (MEDIA)	1		ZONE 001 SENSOR 002 ALARM	23/07/2008 19:10:14			
Sensor	996 (MEDIA)	1		ZONE 001 SENSOR 001 ALARM	23/07/2008 19:10:26			
Sensor	999 (MEDIA)	1		ZONE 001 SENSOR 003 ALARM	23/07/2008 19:19:00			
Sensor	990 (MEDIA)	1		ZONE 001 SENSOR 004 ALARM	23/07/2008 19:19:38			
Sensor	991 (MEDIA)	1		ZONE 001 SENSOR 005 ALARM	23/07/2008 19:43:22			
Communication			Main Unit	COMM. FAILURE CONTROL PANEL	20/08/2008 17:06:23			

5. Options and Settings Screen

5.1. Options and Settings Screen TABS

Open the OPTIONS and SETTINGS screen by clicking on the OPTIONS button.

The following window will open:



The OPTIONS and SETTINGS screen has the following tabs, each of which will be explained below:

- General
- Communication
- Authorization
- Disable Alarm
- Set Alarm
- Alarm Groups
- TCP/IP Client
- TCP/IP Server
- Translate
- Input Message

5.2. General TAB

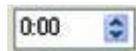
5.2.1. The General Tab enables you to set the following:

5.2.1.1. Site Name

5.2.1.2. Main Screen Display Settings

- a. Choose the number of weeks from 1 to 4, OR
- b. Choose the number of months from 1 to 12, OR
- c. Choose the number of years

5.2.1.3. Set the amount of time you wish to have the BACKUP files checked in hours and minutes using the UP/DOWN arrows:



5.2.1.4. Check box to open the Main Screen when alarms are received.

5.2.1.5. Auto Print the last number of messages – Maximum 30, minimum 1 message.



5.2.1.6. Check Box to print in colour

5.2.1.7. Select Alarm Sound from SecurCOMM folder (you can add new sounds to this folder). You can check the current sound that has been associated by clicking on the PLAY button. If you change the associated sound can only be heard AFTER closing and opening the SecurCOMM Application.

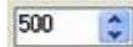


5.2.1.8. Select Map Image which will be used with the Map Editor – you can add any JPEG image to this folder. Check the map image in use using the following button:



5.2.1.9. Check box to show the Zone/Icon on Map in BLUE

5.2.1.10. Set the Alarm Zone/Icon Flash Interval in milliseconds



5.2.1.11. Set RS232 Communication ports (explained above in paragraph 3.1.2.).

5.2.1.12. Check box for using TCP/IP protocol.

Options and Settings

General Communication Authorization Disable Alarm Set Alarm Alarm groups TCP/IP Client TCP/IP Server Translate Input Messages

Main Screen
 Site Name: * SIBAT 2015
 * In client mode should correspond to a site name of the client on a server

Main Screen Display Settings
 Weeks Months One Year
 1 1

Backup Files Checked every (hh:mm) 00:00
 Open Main Screen when alarm received
 Print Last: 30 messages
 Auto Print last messages
 Colour Printing

Select Alarm Sound
 C:\Program Files (x86)\GMSecurity\SecurCOMM\Sounds\TADA.WAV
 Alarm Sound - Repeat Mode Play sound interval (sec.): 1
 Acknowledge alarm only after alarm sound button deactivated
 Use speech Select speech folder: Female Eng

Select Map Image
 C:\Program Files (x86)\GMSecurity\SecurCOMM\Images\22-PrisonSiteNew.jpg
 Show Zone/Icon on Map in BLUE Alarm Zone/Icon Flash Interval (µSec): 500

Communication via TCP/IP
 Use TCP/IP protocol
 Send live acknowledgement (sec.) 30
 Registration key
 Hard disk: -1003155838 Key: 65671
 MAC Address: 1652056698

Save and Close Cancel

5.3. Authorization TAB

5.3.1. The Authorization Tab has been explained above in paragraph 3.1.1.

5.4. Disable Alarm TAB

5.4.1. The Disable Alarm Tab enables you to set the following:

5.4.1.1. Disable Alarms **BY DATE** using the FROM DATE/FROM TIME and TO DATE/TO TIME fields for a specific TX Address, Text, Column or Client.

5.4.1.2. Disable Alarms **BY PERIOD** using the FROM TIME/TO TIME fields and the SET PERIOD field (Choose the **PERIOD TYPE**: EVERY DAY/EVERY WEEK/EVERY MONTH/EVERY YEAR) for a specific TX address, Text, Column or Client.

5.4.1.3. ADD ROWS/DELETE ROWS or reset the disabled alarms using the CLEAR TABLE button

5.4.1.4. Set the DISABLE MESSAGE START and STOP sounds from the sounds folder. Check the sound using the play button.



Options and Settings

General Authorization **Disable Alarm** Set Alarm Action TCP/IP Client TCP/IP Server

By Date **By Period**

From Time **	To Time **	Set period *	TX Adr.	Text	Column	Client
18:58:02	18:59:05					

Period Type

Every day

Every week

Every month

Every year

OK Cancel

* Double Click on the cell in the column "Set Period" to select the period. The field must be filled.
** The fields must be filled

Add Row Delete Row Clear Table

START/STOP disable message sounds

Set disable message START sound C:\Program Files\GMSecurity\SecurCOMM\Sounds\Windows XP B

Set disable message STOP sound C:\Program Files\GMSecurity\SecurCOMM\Sounds\whooshin.wav

Save and Close Cancel

5.5. Set Alarm Action TAB

5.5.1. The Set Alarm Action Tab enables you to:

- 5.5.1.1. Set the alarm action message that will appear on the Main screen in the event that an alarm has been received from the alarm(s) that have been set in the set alarm action tab.
- 5.5.1.2. Choose the Alarm Type from the following:

Alarm type

Communication

Alarm

Low Battery

Tamper

Sensor

Communication

Files

Emergency

Sensor line cut

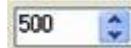
- 5.5.1.3. Set the TX Address, Zone/Input #, Sensor.

5.6. TCP/IP Client TAB

5.6.1. The TCP/IP Client Tab enables you to set the following:

5.6.1.1. Check box to activate the TCP/IP CLIENT mode.

5.6.1.2. Connect Timeout in milliseconds using the up/down arrows



5.6.1.3. Enter the Server IP Address, Server IP Port addresses.

5.6.1.4. Check box to mark whether the chosen IP address is active or not.

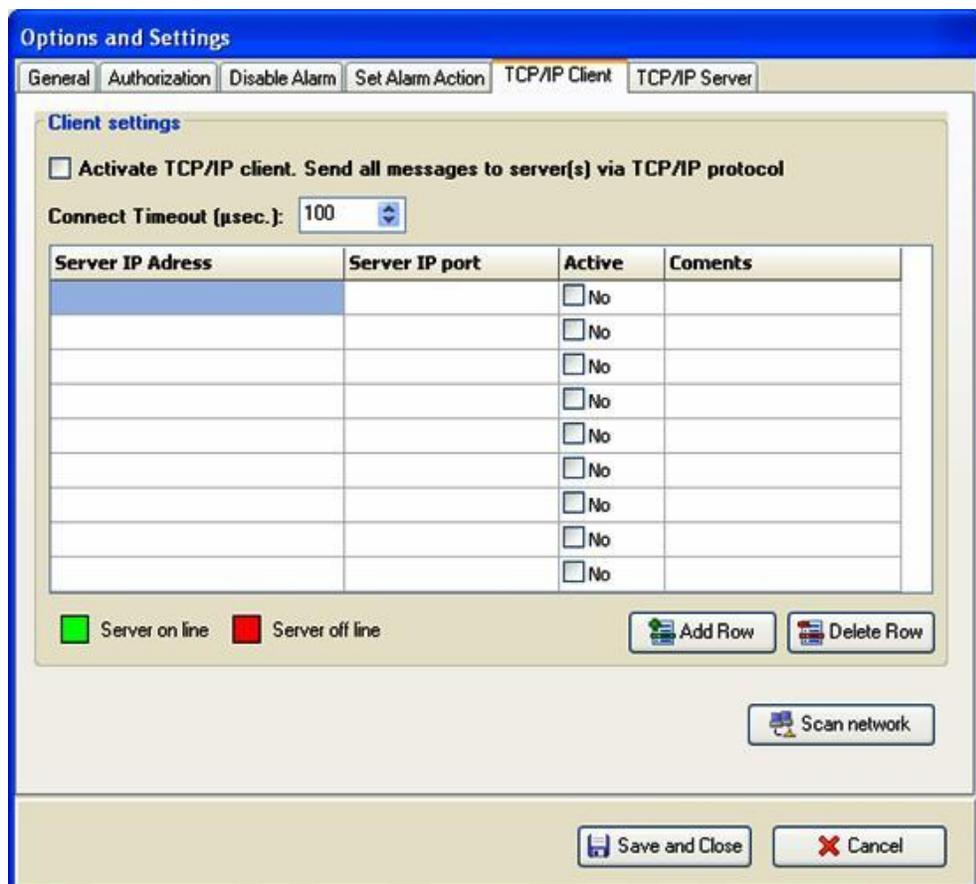
5.6.1.5. Enter Comments in Comments column.

5.6.1.6. ADD ROWS/DELETE ROWS using the relevant buttons.

5.6.1.7. SCAN NETWORK button.

5.6.1.8. Green indicator showing server is ON LINE.

5.6.1.9. Red indicator showing server is OFF LINE.



Options and Settings

General Authorization Disable Alarm Set Alarm Action **TCP/IP Client** TCP/IP Server

Client settings

Activate TCP/IP client. Send all messages to server(s) via TCP/IP protocol

Connect Timeout (µsec.): 100

Server IP Address	Server IP port	Active	Comments
		<input type="checkbox"/> No	

Server on line Server off line

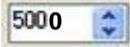
Add Row Delete Row

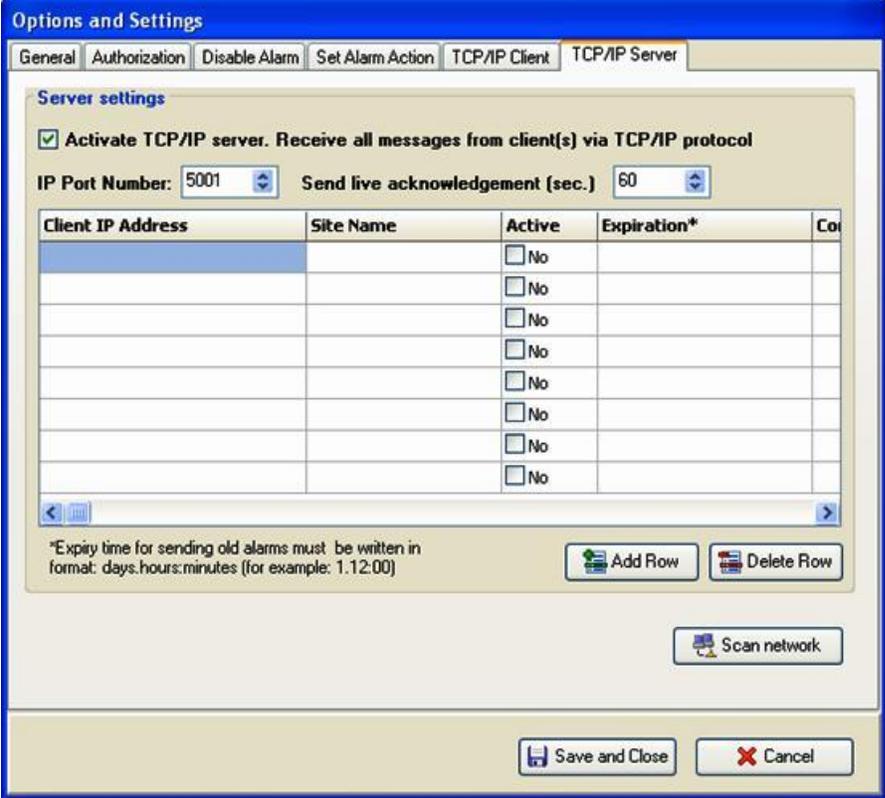
Scan network

Save and Close Cancel

5.7. TCP/IP Server TAB

5.7.1. The TCP/IP Server Tab enables you to set the following:

- 5.7.1.1. Check box to activate the TCP/IP SERVER mode.
- 5.7.1.2. Enter IP Port Number from 5000 to 10000 using the up/down arrows

- 5.7.1.3. Enter the Send Live acknowledgment in seconds – between 30 and 600 seconds.
- 5.7.1.4. Enter CLIENT IP Address.
- 5.7.1.5. Enter Site Name.
- 5.7.1.6. Check box to mark whether the chosen IP address is active or not.
- 5.7.1.7. Enter Expiry Time in Expiration column in Days.Hours.Minutes format (Example 1.12:00).
- 5.7.1.8. Enter Comments in Comments column.
- 5.7.1.9. ADD ROWS/DELETE ROWS using the relevant buttons.
- 5.7.1.10. SCAN NETWORK button.



Options and Settings

General Authorization Disable Alarm Set Alarm Action TCP/IP Client TCP/IP Server

Server settings

Activate TCP/IP server. Receive all messages from client(s) via TCP/IP protocol

IP Port Number: 5001 Send live acknowledgement (sec.) 60

Client IP Address	Site Name	Active	Expiration*	Co
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		

*Expiry time for sending old alarms must be written in format: days.hours:minutes (for example: 1.12:00)

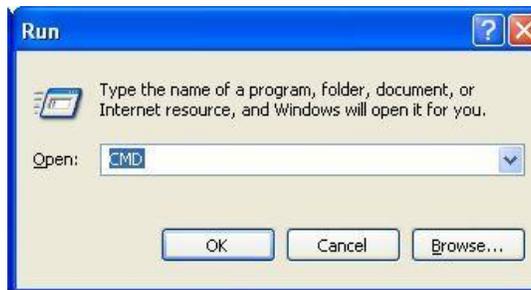
Add Row Delete Row

Scan network

Save and Close Cancel

5.8. Gateway/Router configuration

- 5.8.1. The following steps need to be taken in order to connect the CLIENT and SERVER network:
 - 5.8.1.1. Find each computer's EXTERNAL and INTERNAL IP addresses.
 - 5.8.1.2. Configure the SecurCOMM TCP/IP Server and Client settings in the tabs referred to in paragraph 5.6 and 5.7 above.
 - 5.8.1.3. Configure the GATEWAY/ROUTER that is controlling each CLIENT and SERVER computer.
- 5.8.2. In order to find the EXTERNAL IP address go into any Search Engine such as GOOGLE and search for "MY IP ADDRESS". Chose any one of the websites that provide this service in order to find the EXTERNAL IP address which will appear as soon as you open the chosen website.
- 5.8.3. In order to find the INTERNAL IP address, carry out the following steps:
 - 5.8.3.1. Click on START and then RUN.
 - 5.8.3.2. Enter CMD and click OK



- 5.8.3.3. Type in IPCONFIG and click ENTER and the INTERNAL IP Address will appear after IP ADDRESS as seen in the following window. This is the Internal IP address that you need to use when configuring the system:

```
C:\WINDOWS\system32\CMD.exe
Microsoft Windows XP [Version 5.1.26001
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\Martin>IPCONFIG
Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    IP Address . . . . . : 10.0.0.1
    Subnet Mask . . . . . : 255.0.0.0
    Default Gateway . . . . . : 10.0.0.138

Ethernet adapter Bluetooth Network:

    Media State . . . . . : Media disconnected

C:\Documents and Settings\Martin>
```

5.8.3.4. You now have all the required information in order to configure the settings in the SecurCOMM Client and Server TABS as well as the GATEWAY/ROUTER.

5.8.4. Open the TCP/IP CLIENT TAB and enter the relevant IP addresses:

Options and Settings

General Authorization Disable Alarm Set Alarm Action TCP/IP Client TCP/IP Server

Client settings

Activate TCP/IP client. Send all messages to server(s) via TCP/IP protocol

Connect Timeout (µsec.): 100

Server IP Address	Server IP port	Active	Comments
		<input type="checkbox"/> No	

Server on line Server off line

Add Row Delete Row

Scan network

Save and Close Cancel

5.8.4.1. In EVERY CLIENT computer that is being used in the network, enter the EXTERNAL IP address of that GATEWAY/ROUTER in the SERVER IP ADDRESS column.

5.8.4.2. In EVERY CLIENT computer enter the SERVER IP PORT that you have chosen to use in the SERVER IP PORT column. For example 5001.

5.8.5. Open the TCP/IP SERVER TAB and enter:

Options and Settings

General Authorization Disable Alarm Set Alarm Action TCP/IP Client TCP/IP Server

Server settings

Activate TCP/IP server. Receive all messages from client(s) via TCP/IP protocol

IP Port Number: 5001 Send live acknowledgement (sec.) 60

Client IP Address	Site Name	Active	Expiration*	Co
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		
		<input type="checkbox"/> No		

*Expiry time for sending old alarms must be written in format: days.hours:minutes (for example: 1.12:00)

Add Row Delete Row

Scan network

Save and Close Cancel

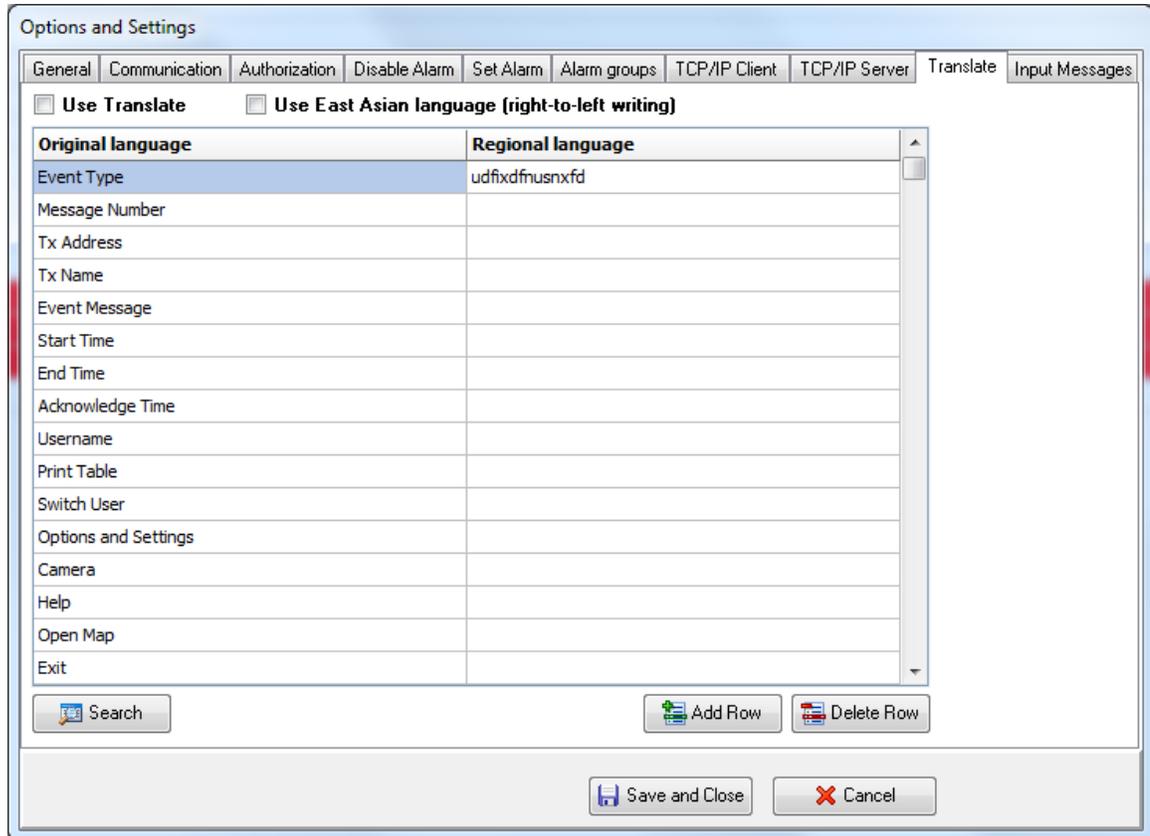
- 5.8.5.1. In the IP Port number enter the same Port Number that you set in each CLIENT computer – for example 5001.
- 5.8.5.2. In the CLIENT IP Column enter the EXTERNAL IP addresses of ALL the CLIENT computers that you want to connect to that SERVER.

5.8.6. In each GATEWAY/ROUTER controlling a computer running the SecurCOMM Application you have to configure the following:

- 5.8.6.1. IP PORT settings (5001 in our example)
- 5.8.6.2. INTERNAL IP address of the computer running the SecurCOMM Application.
- 5.8.6.3. As there are many types of GATEWAY/ROUTER's used we recommend that the configurations of the GATEWAY be set by the company or organisations IT manager or person providing IT technical support.

5.9. Translate

- 5.9.1. The translate Tab enables you to change translate the SecurCOMM Software's language.
- 5.9.2. Check the USE TRANSLATE Check Box.
- 5.9.3. Check the USE EAST ASIAN LANGUAGE Check Box for right to left writing.
- 5.9.4. Enter the Regional Language text in the Regional Language column.
- 5.9.5. SAVE & CLOSE and then restart the SecurCOMM Software for saving and activating the translate language changes that have been made.



5.10. Input Messages

- 5.10.1. The INPUT MESSAGES Tab enables you to program the alarm text messages that will be received from the LineCOMM Communication System.
- 5.10.2. Check the USE TRANSLATE Check Box. We are in effect "translating" the default text message that is received from each input and from each LineCOMM Communication Card (TX) to a text message that is relevant to the specific project.
- 5.10.3. The TX column is the LineCOMM Communication Card Number text that you wish to program. The TX column number must be entered as '1', '2', '3' etc. if you are using a SINGLE PORT, and entered as T1P1 if you are using a MULTI PORT.
- 5.10.4. When using a MULTI PORT you are able to connect more than 1 communication lines to the computer. Each communication line will be connected to the respective electronic cabinets holding the communication card.
- 5.10.5. The input column must be in the format '01 ALARM', '01 OK', '02 ALARM', '02 OK', etc.
- 5.10.6. It is essential that there is a space between the input number and the ALARM or OK text as in the example below:

0	1	SPACE	A	L	A	R	M
---	---	-------	---	---	---	---	---

- 5.10.7. It is possible to program the text for all of the LineCOMM TX's inputs 1 to 9 in the TEXT column. Whatever text appears in the TEXT column will be the text that is received in the SecurCOMM Alarm Message Events Log.
- 5.10.8. Input 10's default setting is TAMPER ALARM/TAMPER OK.

5.10.9. The INPUT MESSAGES window seen below provides an example for 2 LineCOMM TX units using 4 of the inputs CONNECTED TO A SINGLE PORT

Options and Settings

General Communication Authorization Disable Alarm Set Alarm Alarm groups TCP/IP Client TCP/IP Server Translate **Input Messages**

Use Translate

Tx*	Input**	Text
1	01 ALARM	ALARM HV ZONE 1
1	01 OK	HV ZONE 1 OK
1	02 ALARM	ALARM HV ZONE 2
1	02 OK	HV ZONE 2 OK
1	03 ALARM	ALARM LV ZONE 1
1	03 OK	LV ZONE 1 OK
1	04 ALARM	ALARM LV ZONE 2
1	04 OK	LV ZONE 2 OK
2	01 ALARM	ALARM HV ZONE3
2	01 OK	HV ZONE 3 OK
2	02 ALARM	ALARM HV ZONE 4
2	02 OK	HV ZONE 4 OK
2	03 ALARM	ALARM LV ZONE 3
2	03 OK	LV ZONE 3 OK
2	04 ALARM	ALARM LV ZONE 4
2	04 OK	LV ZONE 4 OK

ANY TEXT CAN BE ENTERED IN THE TEXT COLUMN

THE TEXT ENTERED HERE IS FOR EXAMPLE PURPOSES ONLY

*Tx column must be in format : '1', '2' etc.
 **Input column must be in format : '01 alarm' or '01 ok'. etc. (case-insensitive)

Add Row Delete Row

Save and Close Cancel

TX 1

TX 2

5.10.10. It is possible to IMPORT or EXPORT and EXCEL CSV file to/from SecurCOMM. In this way you are able to prepare all the alarm messages that will be received from the LineCOMM communication card inputs in the easiest possible way, save the Excel file as a CSV file, and import the file without mistakes into the SecurCOMM Input Message Table.

5.10.11. PLEASE NOTE THE FOLLOWING EXAMPLE:

Each LineCOMM RX Receiver card can be connected to a maximum of 19 LineCOMM TX Communication cards. Should the project in question have 25 LineCOMM cards and the installer decided to divide the project into 2 communication lines as follows:

- Communication Line 1 – 15 LineCOMM Communication Cards
- Communication Line 2 – 10 LineCOMM Communication Cards

The following table shows the INPUT 01 TX and PORT settings for all 25 communication cards. T denotes the TX number and P denotes the PORT number. You need to enter ALL the possible alarm messages that can be received from every LineCOMM TX card inputs or alarm messages from the system and “translate” them into the text that is meaningful for the user for the specific project.

TX & PORT *	INPUT **	TEXT EXAMPLE
T1P1	INPUT 01 ALARM	CABINET 1 INPUT 1 ALARM
T2P1	INPUT 01 ALARM	CABINET 2 INPUT 1 ALARM
T3P1	INPUT 01 ALARM	CABINET 3 INPUT 1 ALARM
T4P1	INPUT 01 ALARM	CABINET 4 INPUT 1 ALARM
T5P1	INPUT 01 ALARM	CABINET 5 INPUT 1 ALARM
T6P1	INPUT 01 ALARM	CABINET 6 INPUT 1 ALARM
T7P1	INPUT 01 ALARM	CABINET 7 INPUT 1 ALARM
T8P1	INPUT 01 ALARM	CABINET 8 INPUT 1 ALARM
T9P1	INPUT 01 ALARM	CABINET 9 INPUT 1 ALARM
T10P1	INPUT 01 ALARM	CABINET 10 INPUT 1 ALARM
T11P1	INPUT 01 ALARM	CABINET 11 INPUT 1 ALARM
T12P1	INPUT 01 ALARM	CABINET 12 INPUT 1 ALARM
T13P1	INPUT 01 ALARM	CABINET 13 INPUT 1 ALARM
T14P1	INPUT 01 ALARM	CABINET 14 INPUT 1 ALARM
T15P1	INPUT 01 ALARM	CABINET 15 INPUT 1 ALARM
T1P2	INPUT 01 ALARM	CABINET 16 INPUT 1 ALARM
T2P2	INPUT 01 ALARM	CABINET 17 INPUT 1 ALARM
T3P2	INPUT 01 ALARM	CABINET 18 INPUT 1 ALARM
T4P2	INPUT 01 ALARM	CABINET 19 INPUT 1 ALARM
T5P2	INPUT 01 ALARM	CABINET 20 INPUT 1 ALARM
T6P2	INPUT 01 ALARM	CABINET 21 INPUT 1 ALARM
T7P2	INPUT 01 ALARM	CABINET 22 INPUT 1 ALARM
T8P2	INPUT 01 ALARM	CABINET 23 INPUT 1 ALARM
T9P2	INPUT 01 ALARM	CABINET 24 INPUT 1 ALARM
T10P2	INPUT 01 ALARM	CABINET 25 INPUT 1 ALARM

5.10.12. The INPUT MESSAGES window seen below provides an example for 2 LineCOMM TX units using 1 input CONNECTED TO A MULTI PORT

5.10.13. PLEASE NOTE: Check the USE THE INPUT MESSAGE TABLE check box when you wish to use the input message table.

Options and Settings

Disable Alarm | Set Alarm | Alarm groups | TCP/IP Client | TCP/IP Server | Translate | Input Messages

Use the "Input Message" table Export Table | Import Table

Tx & Port*	Input**	Text
T1P1	INPUT 01 ALARM	ALARM INPUT 1 COMM LINE A
T1P1	INPUT 01 OK	INPUT 1 OK COMM LINE A
T1P2	INPUT 01 ALARM	ALARM INPUT 1 COMM LINE A
T1P2	INPUT 01 OK	INPUT 1 OK COMM LINE B
T1P1	INPUT 02 ALARM	EXAMPLE: CABINET 1 LV ZONE 1 ALARM
T1P2	INPUT 02 ALARM	EXAMPLE: CABINET 1 LV ZONE 1 ALARM
T1P1	INPUT 02 OK	EXAMPLE: CABINET 1 LV ZONE 1 OK
T1P2	INPUT 02 OK	EXAMPLE: CABINET 1 LV ZONE 1 OK

*Tx_Port column must be in format : "1" (single port), "T1P1" (multi port).
 **Input column must be in format : "Input 01 alarm", "Input 01 OK", "Tamper OK", etc. (case-insensitive). For translation to East Asian languages use the "Translate" tab sheet for column "Text" from this table.

Add Row | Delete Row | Duplicate Row

Save and Close | Cancel

5.10.14. If you are entering the text directly into the input message table then it is possible to DUPLICATE rows. The duplicate row button will duplicate the row on which the mouse cursor is standing on. The duplicated row will appear below the row that the mouse cursor is standing on.

5.10.15. As mentioned in 5.10.10., prepare the alarm messages in an Excel CSV file and import the file into SecurCOMM.

5.10.16. There are various alarm messages that are automatically generated by the system such as:

ALARM MESSAGE	EXPLANATION
COMM FAILURE TX 01, 02 ...	CUT in RS485 communication between TX cards
COMM OK TX 01,02 ...	RS485 communication OK in TX cards
LOW BATTERY (from TX)	Low Battery alarm from a specific TX
LOW BATTERY OK	Low Battery OK from a specific TX
LOW BATTERY AT MAIN RX	Low battery from RX Receiver Card
LOW BATTERY AT MAIN RX OK	Low battery from RX Receiver Card OK
MASTER 1,2 ... – TX CABLE CUT	CUT alarm between V-Alert PCB & LineCOMM PCB
MASTER 1,2 ... – TX CABLE OK	OK between V-Alert PCB & LineCOMM PCB
TAMPER ALARM (from TX)	Cabinet Tamper alarm from specific TX
TAMPER OK (from TX)	Cabinet Tamper OK from specific TX

Event Type	Message Number	TX Address	TX Name	Event Message	Start Time	End Time	Acknowledge Time	Username
Alarm	108	1		ALARM INPUT 1 COMM LINE A	03/04/2016 12:06:47	03/04/2016 12:06:52		
Alarm	109	1		INPUT 1 OK COMM LINE A	03/04/2016 12:06:52			
Alarm	110	1		EXAMPLE: CABINET 1 LV ZONE 1 ALARM	03/04/2016 12:06:56	03/04/2016 12:07:01		
Alarm	111	1		EXAMPLE: CABINET 1 LV ZONE 1 OK	03/04/2016 12:07:01			
Alarm	112	0		Comm Failure TX 01	03/04/2016 12:07:15	03/04/2016 12:07:20		
Alarm	113	0		Comm OK TX 01	03/04/2016 12:07:20			
Tamper	114	1		TAMPER ALARM	03/04/2016 12:07:26	03/04/2016 12:07:30		
Tamper	115	1		TAMPER OK	03/04/2016 12:07:30			
Line out	116	1		MASTER 1 - TX CABLE CUT	03/04/2016 12:07:43			
Alarm	117	1		MASTER 1 - TX CABLE OK	03/04/2016 12:07:48			
Sensor	118	1		ZONE 01 SENSOR 01 ALARM	03/04/2016 12:07:58			
Sensor	119	1		ZONE 02 SENSOR 01 ALARM	03/04/2016 12:08:02			

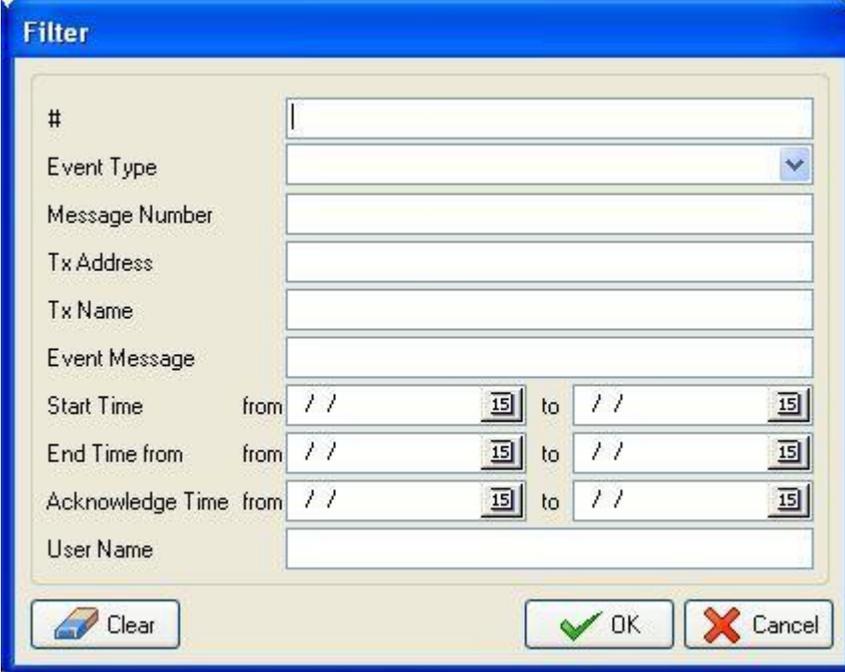
Connected B Username: Administrator 03/04/2016 12:08:22

- 5.10.17. Please note that if the TX address in the TX address column is O (Zero) then the alarm refers to an alarm in the LineCOMM RX Receiver card. You should therefore have a row in the input message table with TX & PORT T0P1 AND T0P2.
- 5.10.18. A separate example Excel file will be sent to the user with examples of all the possible automatic alarm messages that can be received.
- 5.10.19. Should you receive an alarm message that has not been included in the input message table then the easiest way to enter the message is to copy the Event Message in SecurCOMM's alarm log, and paste the text in the INPUT** column of the input message table, and then enter the text relevant to the project in the TEXT column.

6. History Menu

6.1. History Screen Button menu

Button Icon and Name		Function/Description
	Open History File	Clicking on the OPEN HISTORY FILE opens all the history files that have been saved.
	Open Disable Message File	Clicking on the OPEN DISABLE MESSAGE FILE opens all the files showing the messages that have been disabled. This means that if you have disabled event messages using the DISABLE tab of the OPTIONS button, then any event messages that have been disabled WILL STILL BE RECORDED AND SAVED automatically in the DISABLE MESSAGE FILES.
	Open Error File	Clicking on the OPEN ERROR FILE opens all the files containing Error messages. CRC ERROR FILE will be automatically generated if anyone tried to change history files, or tried to delete event messages by tampering with the software code.
	Open Filter File	Clicking on the OPEN FILTER FILE opens all the FILTER files that have been saved using the FILTER and SAVE FILTER buttons.
	Save Filter File	Clicking on the SAVE FILTER FILE saves the FILTER files that have been created using the FILTER button.
	Print Table	Clicking on the PRINT TABLE enables you to print the open file.
	Filter	<p>Clicking on the FILTER button opens the following window in which you are able to filter history files by Event Type, Message Number, TX Address, TX Name, Event Message, Start/End Times, Acknowledge Time and User Name.</p> <p>The CLEAR button clears the window and the user can start an additional or alternative search.</p>

		
	<p>Reset Filter</p>	<p>Clicking on the RESET FILTER will clear the filter window and you will be able to start a new filter.</p>
	<p>Previous Month</p>	<p>Clicking on the PREVIOUS MONTH allows you to search for history files from the previous month.</p>
	<p>Next Month</p>	<p>Clicking on the NEXT MONTH allows you to search for history files from the next month.</p>
	<p>Show or Hide Search Table</p>	<p>Clicking the SHOW/HIDE button opens/closes the following window that will enable the user to search for text in any of the events log columns:</p>  <p>If the mouse cursor is on the Message Number column, then you can search for text in the Message Number column. If the cursor is on the Event Type column, then you can search in the event type column and so on for all the other columns in the Events Log.</p> <p>Click on the NEXT button  to find the next event containing the text that you are searching for.</p>

	<p>Show Alarm Action</p>	<p>Clicking on the SHOW ALARM ACTION will show whatever may have been written for any specific event message using the WRITE ALARM ACTION button of the main screen.</p>
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7. Map Editor

7.1. What is the Map Editor?

- 7.1.1. The Map Editor Application, which is part of the SecurCOMM Application, is used to graphically show the events occurring on the site on a site map, photograph or schematic diagram of the protected site.
- 7.1.2. We have previously explained how to choose which map to associate with SecurCOMM application operating in any specific site.
- 7.1.3. The following explanation explains how to associate the alarm indications and events received by the SecurCOMM Application so that they can be shown graphically on the site map when any event occurs on site.
- 7.1.4. In order to associate the alarms it is necessary to create and define IMAGES (shapes and icons) on the site map. We have called these shapes and icons "HOTSPOT IMAGES".
- 7.1.5. Before we go any further it is necessary to define the meaning of the term "HOTSPOT".

"A HOTSPOT" is an icon or coloured shape (IMAGE) on the map that will indicate the position of any event or alarm occurring on the site map."

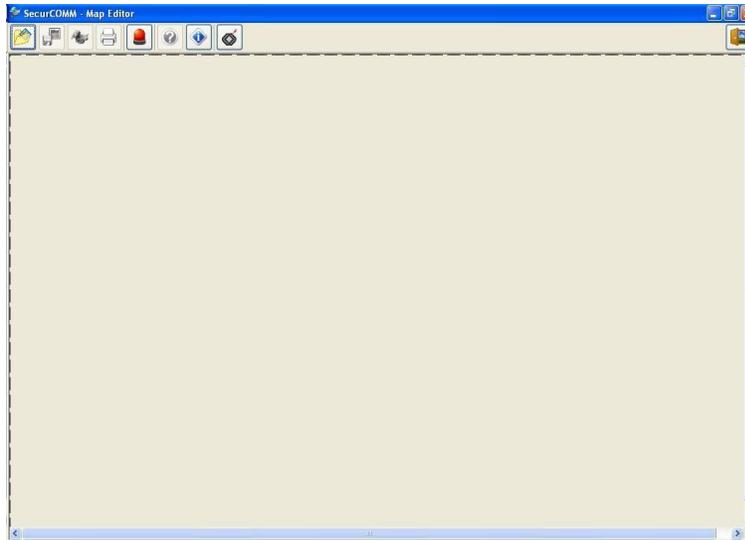
- 7.1.6. The 4 main steps that have to be completed to create a HOTSPOT are as follows:
 - CREATE HOTSPOT IMAGE (SHAPE OR ICON)
 - SET THE HOTSPOT IMAGE PROPERTIES
 - SET THE HOTSPOT EVENT MESSAGE POSITION
 - ASSIGN THE HOTSPOT PROPERTIES

7.2. Map Editor Step-by-Step guide

- 7.2.1. Double click on the MapEditor shortcut on the desktop. This shortcut will be created automatically during the installation of the SecurCOMM Application.



- 7.2.2. The Main Screen window will open:



7.2.3. Click the OPEN PROJECT button.



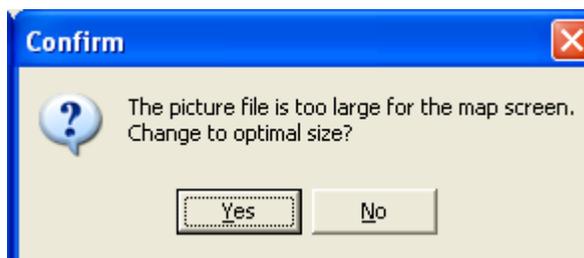
You are now able to choose the relevant photograph or schematic diagram that will be used as the site map for that project.

You can use any JPEG image.

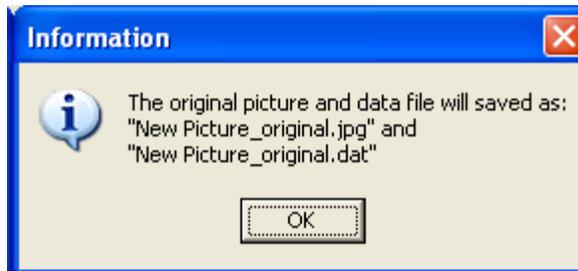
We recommend that all the photographs be saved in a file dedicated to SecurCOMM projects. The default folder can be found in the following place on your hard drive:

- ⇒ System C:
- ⇒ Program Files
- ⇒ GMSecurity
- ⇒ SecurCOMM
- ⇒ Images

The application will automatically optimize the JPEG image making it suitable for use with the Map Editor and SecurCOMM Applications. The following window will open in the event that the JPEG image needs to be optimized:



Click YES to continue. The following window will open advising that the original picture will be saved as a "New Picture_original.jpg" file together with a "New Picture_original.dat" file.



Click OK to continue. The chosen image will now open as follows:



- 7.2.4. Click the SAVE PROJECT button at any time in order to save any changes that you have made to the image in the same way as you save a file periodically in any windows application.



7.2.5. Click the OPEN HOTSPOT button.

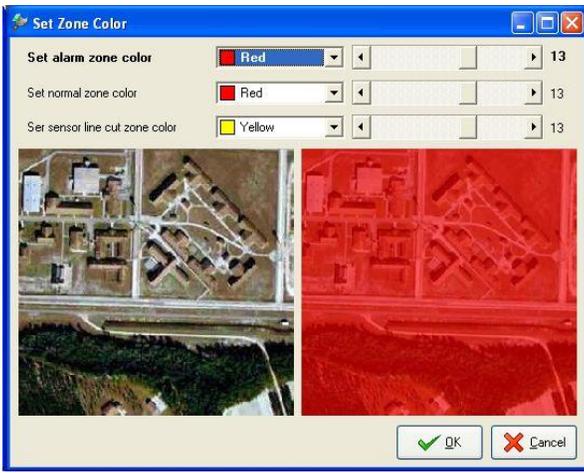


The shape, size and association with specific events or alarms will be created using the buttons described in the table below. Clicking on the OPEN HOTSPOT button will open the HOTSPOT IMAGE EDITOR.

7.3. HOTSPOT Image Editor Buttons



HOTSPOT IMAGE EDITOR BUTTONS	
	<p>EDIT HOTSPOTS Click the Edit HOTSPOTS Button so as to be able to edit or change any or all HOTSPOT properties. Click the button and then click on the existing HOTSPOT that you wish to edit on the map image.</p>
	<p>CREATE RECTANGLE OR ICON HOTSPOT Click the button, move the mouse cursor onto the map image and then click and drag the mouse cursor to the desired rectangle size. You can create a rectangle or alternately chose an ICON such as LOW BATTERY, TAMPER, SENSOR</p>
	<p>CREATE ELLIPTICAL HOTSPOT Click the button, move the mouse cursor onto the map image and then click and drag the mouse cursor to the desired elliptical shape.</p>
	<p>CREATE POLYGON HOTSPOT Click the button, move the mouse cursor onto the map image. Click once to create the starting point. Move the mouse cursor to the next point and then click once again. Continue to carry out this procedure using any amount of lines in order to create the desired polygon shape. A RIGHT CLICK of the mouse will automatically connect the FIRST point with the LAST point.</p>
	<p>CREATE POLYGON HOTSPOT WITH MAGIC WAND Click the button, move the mouse cursor onto the map image and then click once on the selected position of the map image. The magic wand will automatically fill an area of the map image, the accuracy and tolerance of which can be adjusted using the extension of the HOTSPOT Image Editor which will open up automatically as soon as the Magic Wand button is in use. The Magic Wand button is used to assist the user make intricate HOTSPOT shapes.</p>

	<p>DELETE SELECTED HOTSPOT When you are in the EDIT HOTSPOT mode by clicking on the  button you can select any existing HOTSPOT and DELETE it.</p>
	<p>ZOOM IN Zoom IN to the map image</p>
	<p>ZOOM OUT Zoom IN to the map image</p>
	<p>RESET ZOOM 1:1 RESET the map image to its original dimensions</p>
	<p>SHOW ALL EVENT MESSAGES Each HOTSPOT has an associated EVENT MESSAGE which consists of a small text box with the LINECOMM Transmitter number (TX) and alarm input or sensor number(s).</p> 
	<p>SET HOTSPOT COLOURS Click the SET HOTSPOT COLOURS button. The following window will open:</p>  <p>The ALARM, NORMAL and SENSOR LINE CUT colours can be set and adjusted. Click OK to save the zone colours which will be applicable to ALL the HOTSPOTS on that particular map image.</p>
	<p>CLICK TO ADD POINT ON THE POLYGON Change the shape of the polygon by adding point(s) on the polygon and then dragging the new point to the desired position and thereby create a new shape.</p>

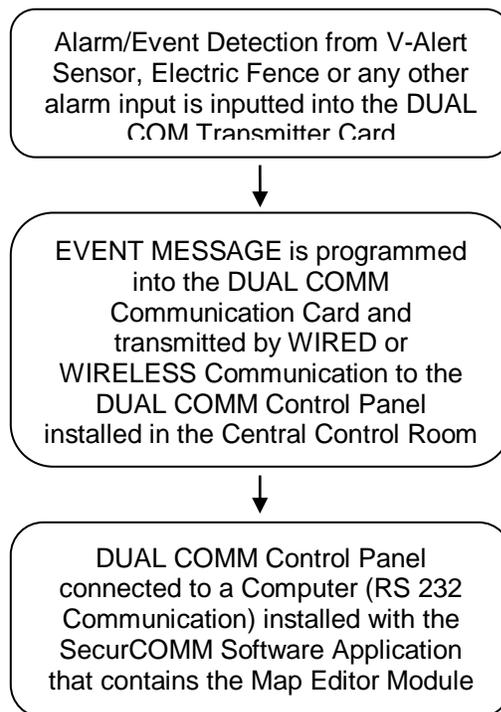
	CLICK TO DELETE POINT ON THE POLYGON Change the shape of the polygon by DELETING POINT(S) on the polygon.
	CLICK TO DELETE LINE ON THE POLYGON Change the shape of the polygon by DELETING LINE(S) on the polygon.

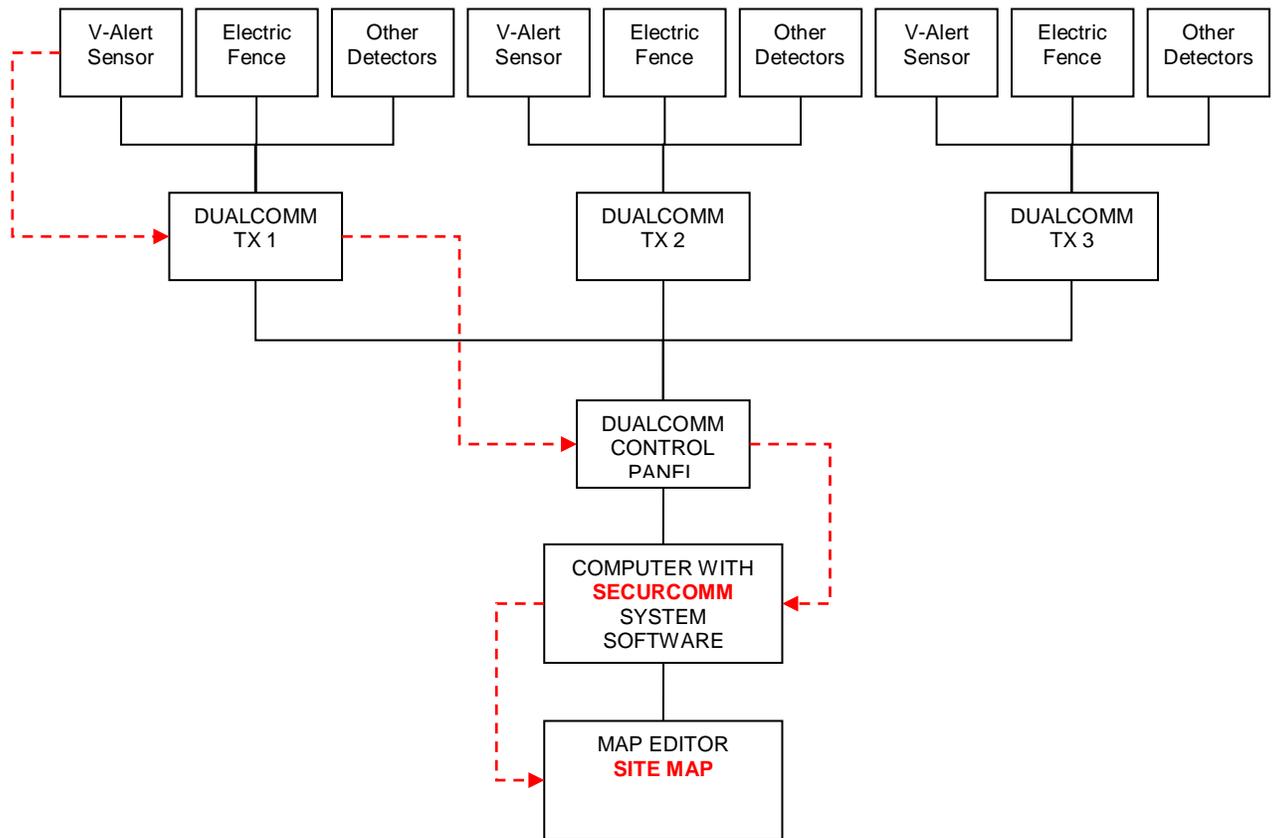
7.4. ASSIGNING/ASSOCIATING HOTSPOTS WITH EVENT/ALARM MESSAGES

7.4.1. Paragraph 5.2.5. described all the HOTSPOT IMAGE EDITOR buttons which provides the user with the tools to create HOTSPOTS and ICONS.

Having created a HOTSPOT, it is necessary to ASSIGN or ASSOCIATE the HOTSPOT with an EVENT or ALARM MESSAGE.

The block diagram below shows the EVENT MESSAGE FLOW:





DASHED RED LINE SHOWS FLOW OF 1 EVENT MESSAGE

7.4.2. ASSIGNING/ASSOCIATING HOTSPOTS from RECTANGLE/ICON HOTSPOT



RIGHT CLICK of the mouse will open the following window:

Delete
Make HOTSPOT red image
Set HOTSPOT sensor image
Set HOTSPOT fence image
Set HOTSPOT tamper
Set HOTSPOT battery
Load HOTSPOT from image...
Set EVENT MESSAGE position
Delete EVENT MESSAGE

The following steps need to be carried out to complete the creation of the HOTSPOT:

Once you have created the HOTSPOT SHAPE or ICON as described above you need to complete the following actions taken from the window that opened with the right click of the mouse:

7.4.2.1. **DELETE**

Deletes the HOTSPOT SHAPE or ICON

7.4.2.2. **MAKE HOTSPOT RED IMAGE**

Defines the colour or the HOTSPOT IMAGE. The HOTSPOT will be shown in different colours according the type of event - ALARM, NORMAL or SENSOR LINE CUT. The colours can be set using the "SET HOTSPOT COLOURS" button.

By clicking on the ALARM/NORMAL/CUT LINE options (Under the heading "Show zone colours"), you are able to see how the colours change in the HOTSPOT properties window.



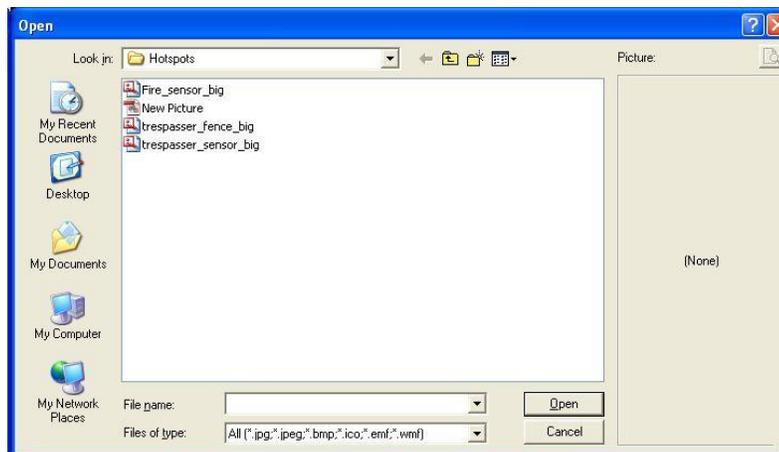
7.4.2.3. **SET HOTSPOT SENSOR IMAGE/SET HOTSPOT FENCE IMAGE/SET HOTSPOT TAMPER /SET HOTSPOT BATTERY**

Sets default ICONS that can be used to indicate different events. The following is a list of the default ICONS :

	V-Alert Fence Sensor ICON
	Fence Image ICON
	Tamper ICON
	Battery ICON

7.4.2.4. **LOAD****HOTSPOT FROM IMAGE...**

It is possible to create new icons and load them by clicking on the Load HOTSPOT from Image option. The following window will open:



You are able to save any BITMAP image file in the HOTSPOTS folder (C:\Program Files\GMSecurity\SecurCOMM\Images\HOTSPOTS) and whatever icon you save can be loaded as a new icon on the site map image.

7.4.2.5. **SET EVENT MESSAGE POSITION**

Choosing the SET EVENT MESSAGE POSITION option opens up the bottom part of the HOTSPOT PROPERTIES WINDOW:



This part of the window is used to set the position of the EVENT MESSAGE in relation to the HOTSPOT IMAGE.

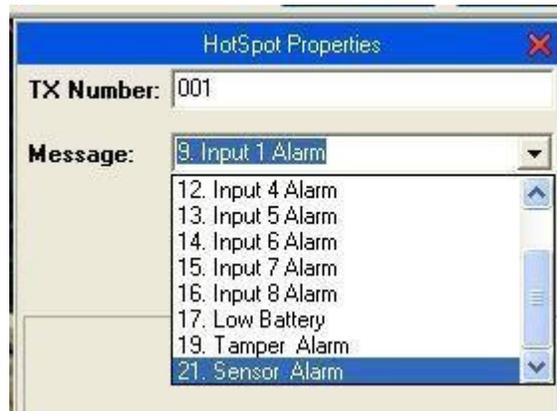
You are able to align the EVENT MESSAGE (yellow text box with red text seen below), LEFT or RIGHT, move the message using

the green arrow buttons and also set the grid spacing to facilitate moving the EVENT MESSAGE position.



- 7.4.2.6. Having completed all of the above steps, it is now possible to ASSIGN or ASSOCIATE the HOTSPOT IMAGE/ICON with an EVENT MESSAGE or alarm from the sites LINECOMM transmitters/LINECOMM Control Panel.

Look at the top part of the HOTSPOT PROPERTIES window:



You are required to enter the following:

- **TX Number** – this is the LINECOMM Communication card number (Dipswitch Number on the DUALCOMM card) from which you wish to receive the EVENT MESSAGEs.
- **Message** – you need to chose from the following table:

9. Input 1 Alarm	Input 9 – 19 are all the inputs from the LINECOMMUNICATION card.
10. Input 2 Alarm	
11. Input 3 Alarm	
12. Input 4 Alarm	
13. Input 5 Alarm	
14. Input 6 Alarm	
15. Input 7 Alarm	
16. Input 8 Alarm	
17. Low Battery	
19. Tamper	

21. Sensor Alarm	Input 21 is used to define the sensor number of the V-Alert Sensors.
------------------	--

If you chose 21.Sensor Alarm, then the following window will open:

The screenshot shows a window titled 'HotSpot Properties' with a close button (X) in the top right corner. It contains four input fields: 'TX Number' with the value '001', 'Message' with a dropdown menu showing '21. Sensor Alarm', 'Zone' which is empty, and 'Sensor' which is also empty. Below these fields is a large empty text area.

You are required to enter the following:

- **Zone:** – this is the zone number from a specific V-Alert Sensor Line.
- **Sensor** – enter the individual sensor or group of sensors

7.4.2.7. IMPORTANT: USE 3 DIGIT NUMBERS FOR THE ZONE AND SENSOR NUMBERS. MORE THAN ONE ZONE CAN BE ENTERED IN THE FOLLOWING FORMATS:

xxx-xxx (eg. 001-022)

xxx;xxx (eg. 002;004)

7.4.2.8. After completing all the above steps, click on the OK button to save all HOTSPOT properties.

7.4.2.9. YOU HAVE NOW COMPLETED THE PROCESS OF CREATING AND ASSIGNING HOTSPOTS.

7.4.3. ASSIGNING/ASSOCIATING HOTSPOTS from ELLIPTICAL/POLYGON or MAGIC WAND HOTSPOT



RIGHT CLICK of the mouse will open the following window:

Delete
Make HOTSPOT red image
Set EVENT MESSAGE position
Delete EVENT MESSAGE

THE PROCESS OF ASSIGNING THE HOTSPOTS IS THE SAME AS DESCRIBED IN PARAGRAPH 5.2.7. ABOVE.

- 7.4.4. Click the PRINT PROJECT button at any time in order to PRINT the map image with all the HOTSPOT images and EVENT MESSAGES.



Clicking the PRINT PROJECT button will open a SAVE HOTSPOT IMAGE window. You can save the resulting BITMAP (BMP) file in the appropriate folder on your computer and print the file accordingly.

- 7.4.5. Click the TEST HOTSPOTS button at any time in order to TEST the HOTSPOTS and EVENT MESSAGES that you have created on the map image.



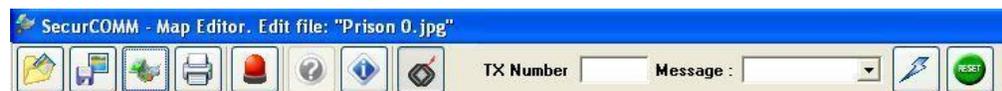
- 7.4.6. The  is currently not in use.

- 7.4.7. Click the ABOUT button to see the current Map Editor Version.



7.5. SHOW/HIDE SIMULATOR BUTTON

- 7.5.1. Click the SHOW/HIDE SIMULATOR button to show or hide the simulator toolbar shown below:



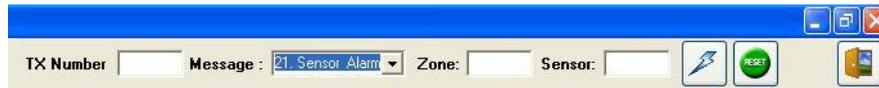
- 7.5.2. The SIMULATOR button is used to simulate alarms to check and see whether the HOTSPOT that you have created is activated when an event or alarm occurs.

You are required to enter the following:

- **TX Number** – this is the LINECOMM Communication Card number (Dipswitch Number on the DUALCOMM card) that you wish to simulate.
- **Message:** - this is the message number chosen from the following table which opens when clicking the select message arrow on the right hand side of the Message field:

1. Input 1 OK	13. Input 5 Alarm
2. Input 2 OK	14. Input 6 Alarm
3. Input 3 OK	15. Input 7 Alarm
4. Input 4 OK	16. Input 8 Alarm
5. Input 5 OK	17. Low Battery
6. Input 6 OK	18. Battery OK
7. Input 7 OK	19. Tamper
8. Input 8 OK	20. Tamper OK
9. Input 1 Alarm	21. Sensor Alarm
10. Input 2 Alarm	22. Sensor Line CUT Alarm
11. Input 3 Alarm	31. Sensor OK
12. Input 4 Alarm	

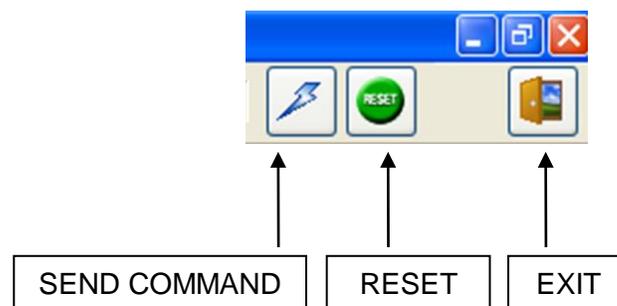
7.5.3. Choosing any of the SENSOR-related options (21/22/31), then an extension of the toolbar will open up as follows:



You are required to enter the following:

- **Zone** – this is the zone number from a specific V-Alert Sensor Line that you wish to simulate.
- **Sensor** – enter the individual sensor or group of sensors that you wish to simulate.

7.5.4. Click on the SEND COMMAND button to simulate an alarm. The simulation will cause the relevant HOTSPOT to flash.



Click on the RESET button to reset the SENDCOMMAND FUNCTION

Click on the EXIT button to exit the MAP EDITOR application.

SAVE the file with any changes that you may have made to the MAP IMAGE.

8. Conclusion

The SecurCOMM Application User Manual has explained the main features of the system, which with the addition of training by a GM technician will quickly bring the user to an operational level.

GM would like to thank you for purchasing and using the SecurCOMM Application and remains at your disposal for any further technical support.

Kindly contact us for any of your requirements.

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