Response Technologies, Ltd.

CLIENT SOFTWARE MANUAL
v3.0.26

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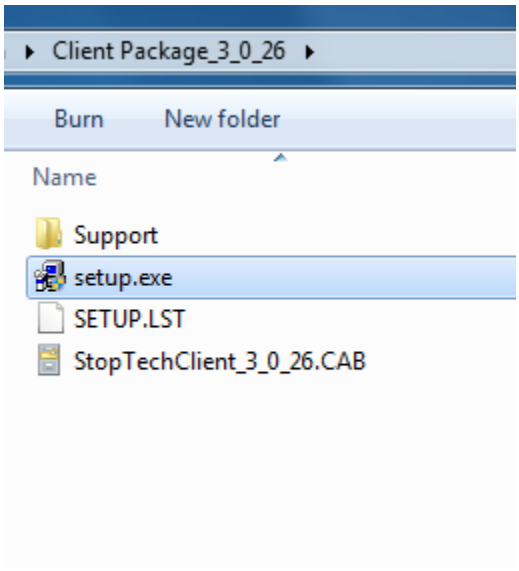
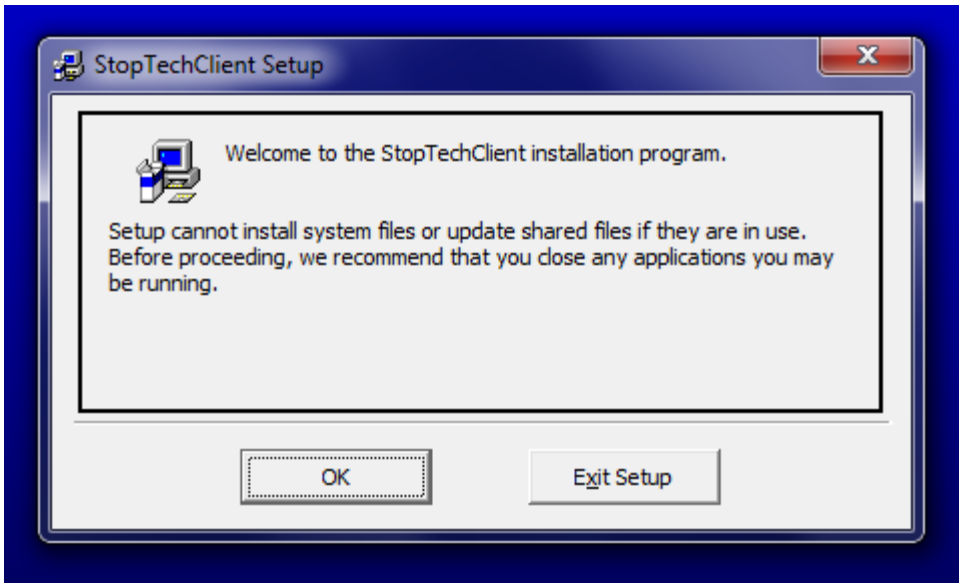
SOFTWARE INSTALLATION

StopTech Client

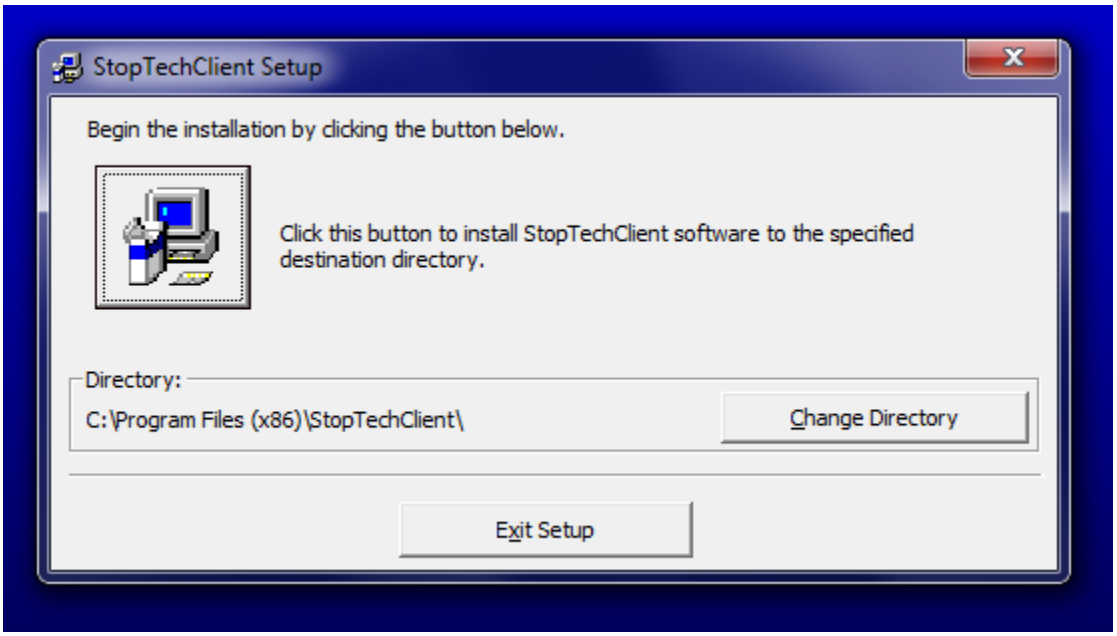
Double-click on **SETUP** icon.



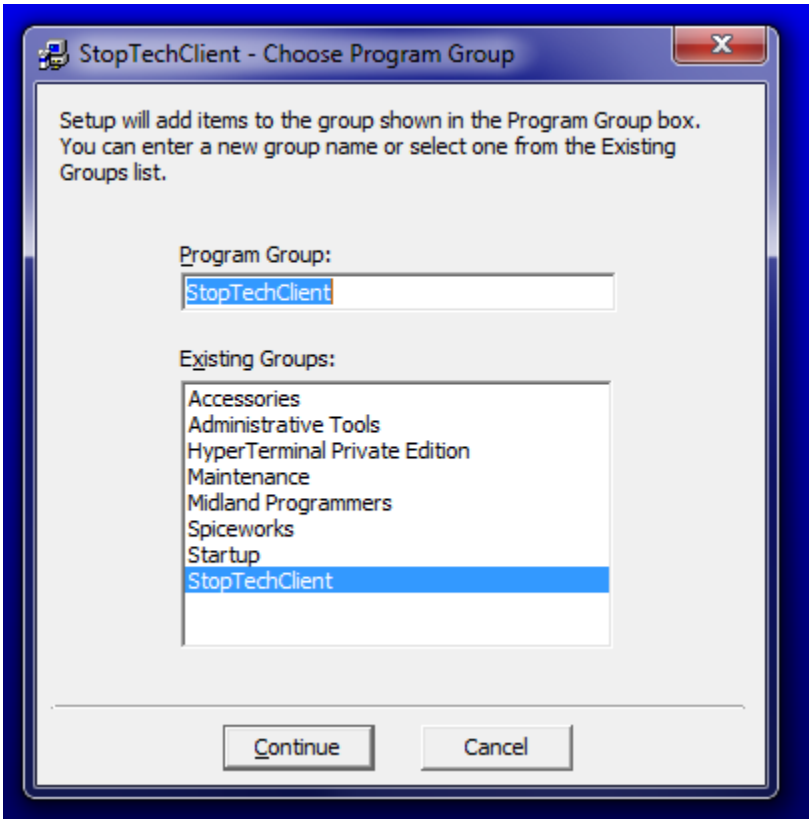
Installation Wizard will begin.
Click **OK**.



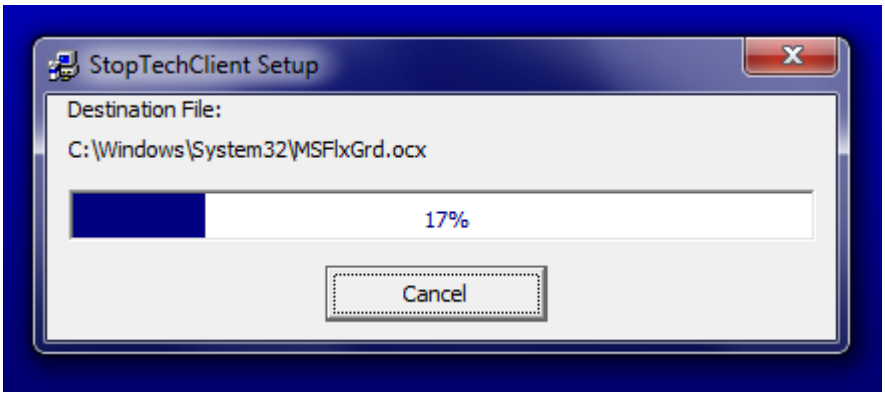
Click on the button with the **Computer Icon**.



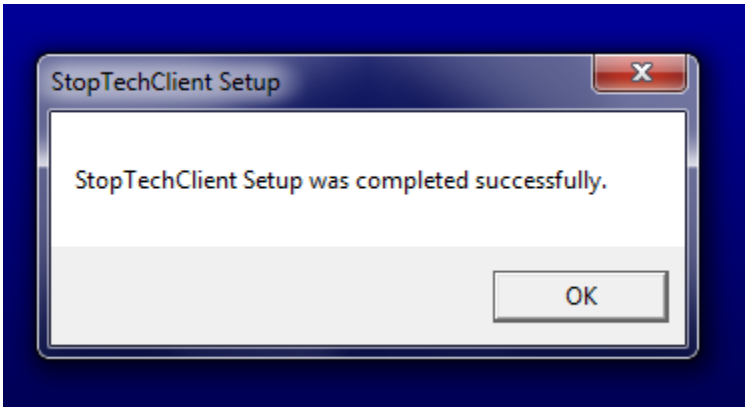
Program Group is **StopTechClient**.
Click **Continue**.



Console Software will install to specified destination.



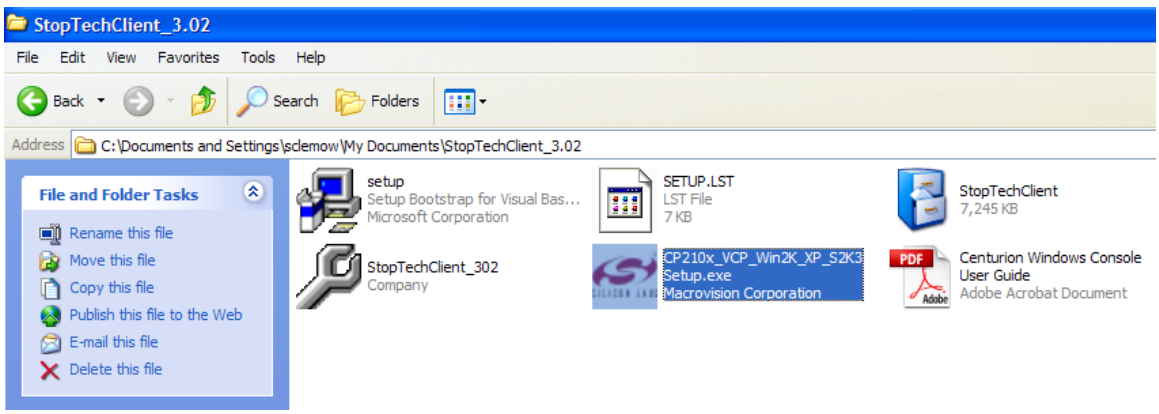
Click **OK** to complete installation.



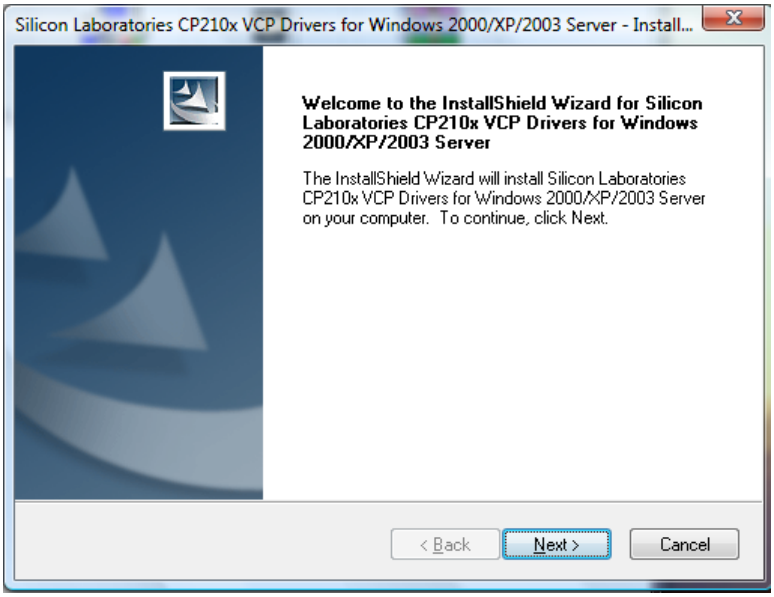
USB Bridge Controller Driver

Note: Driver is only needed for USB Client Interface. Not needed with RS-232 or Ethernet Network Interface.

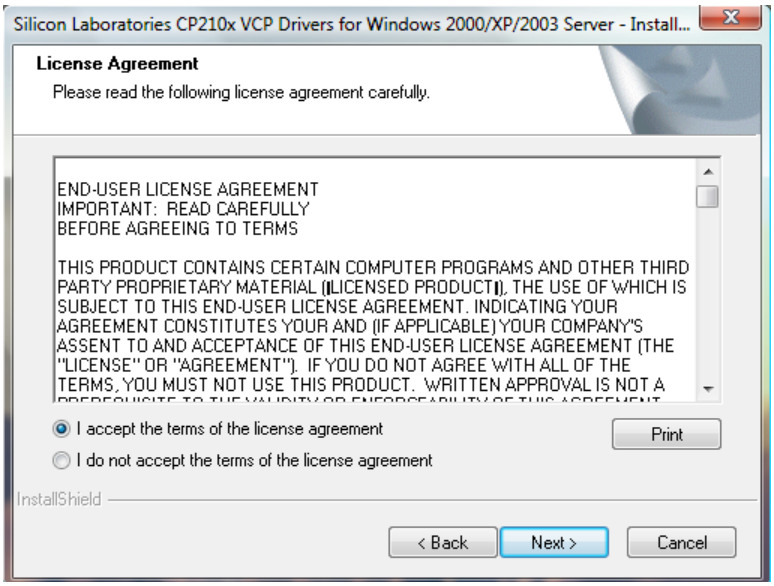
Double-click on the **CP210x** icon.



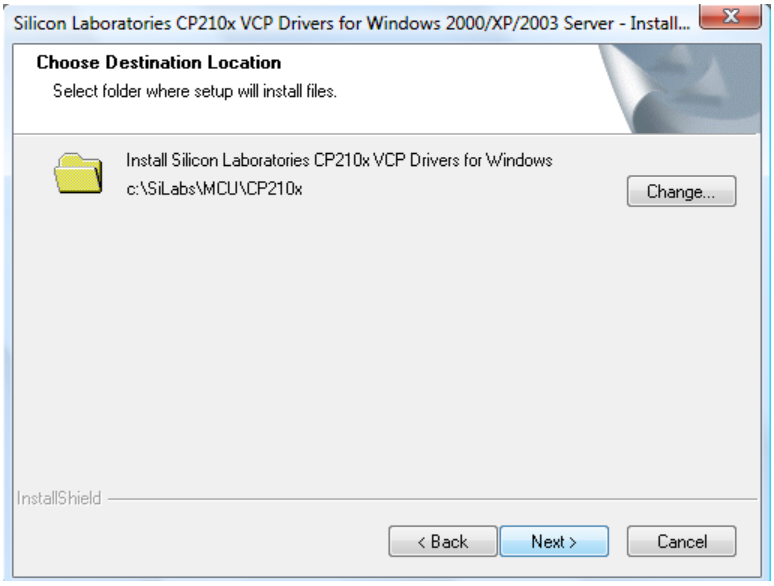
Installation Wizard will begin.
Click **Next**.



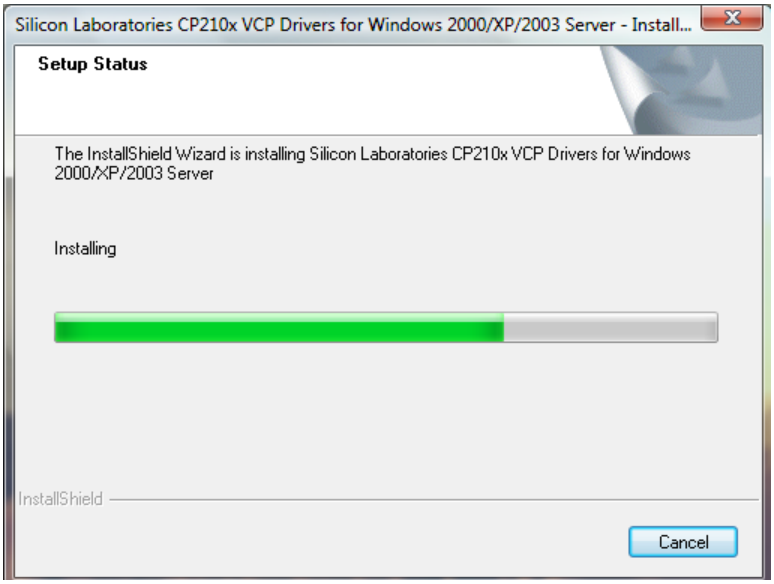
Select **I accept…** to accept the License Agreement.
Click **Next**.



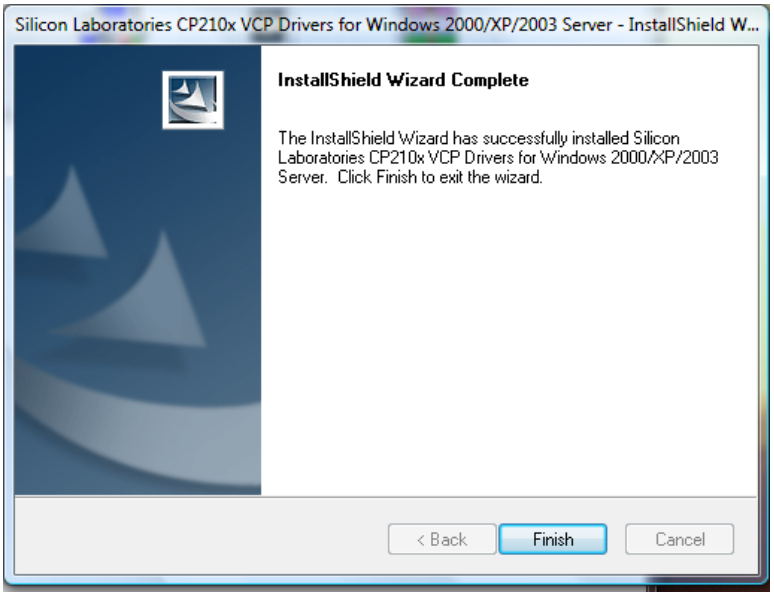
Choose the install location.
Click **Next**.



Driver will install to specified destination.



Click **Finish** to complete installation.

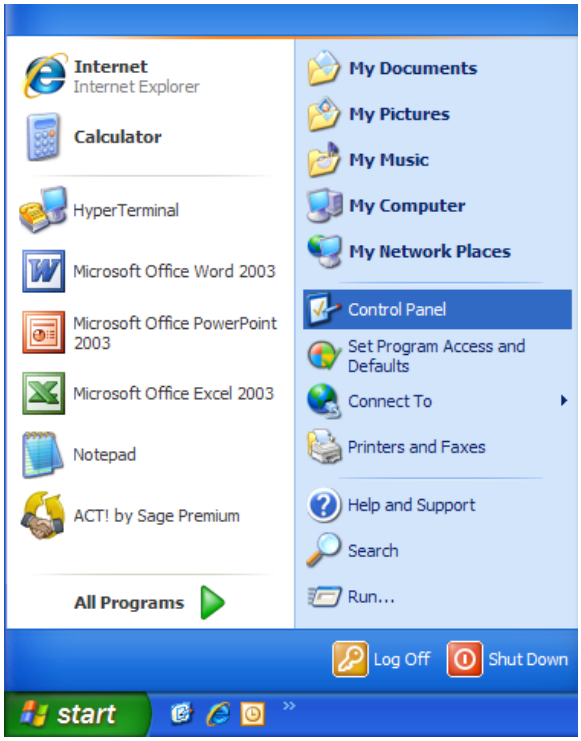


Note: Computer may need to be restarted in order for all changes to take effect.

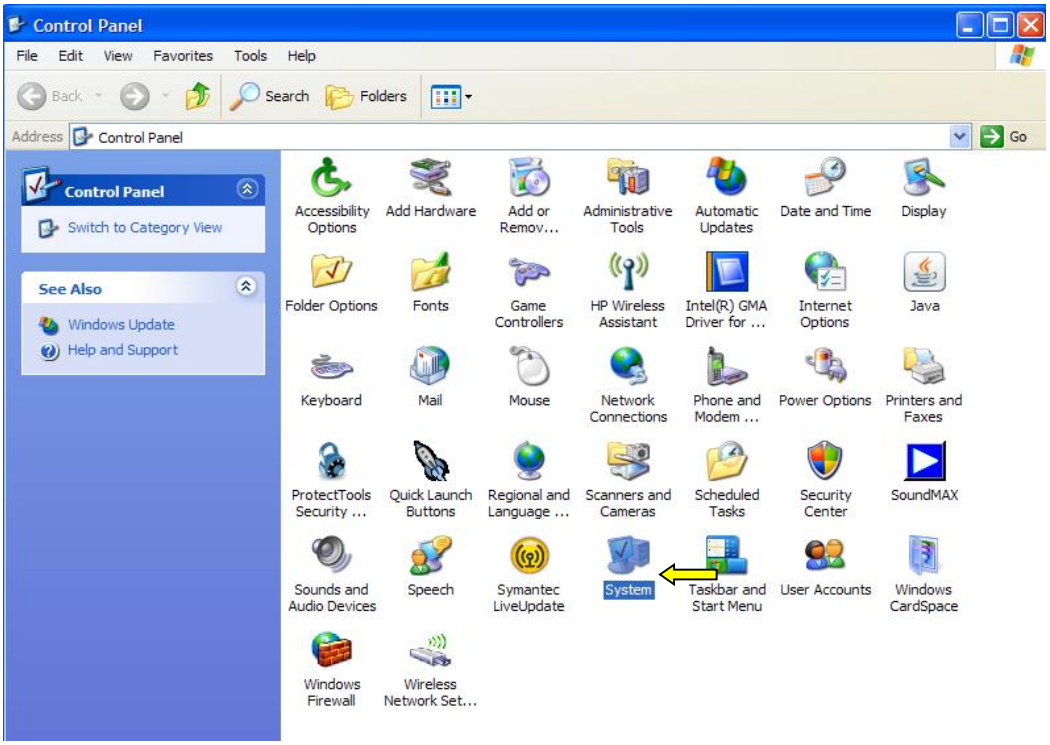
Note: Windows Device Manager must be used to identify/change COM Port number associated with USB controller. See COM Port Setup.

COM Port Setup

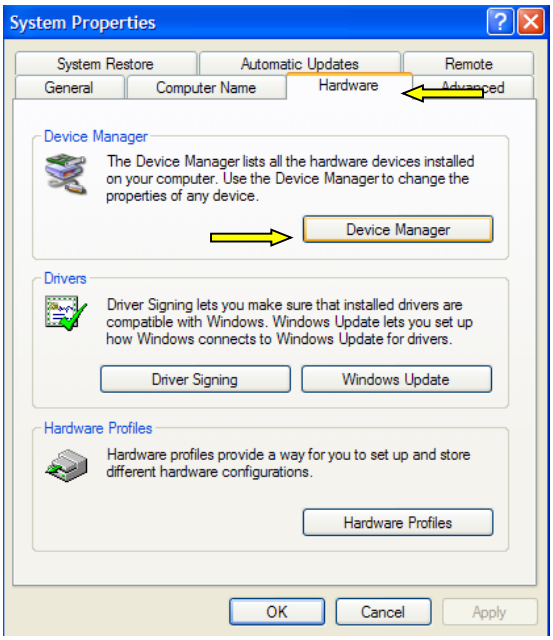
From the **Start** menu, open the **Control Panel**.



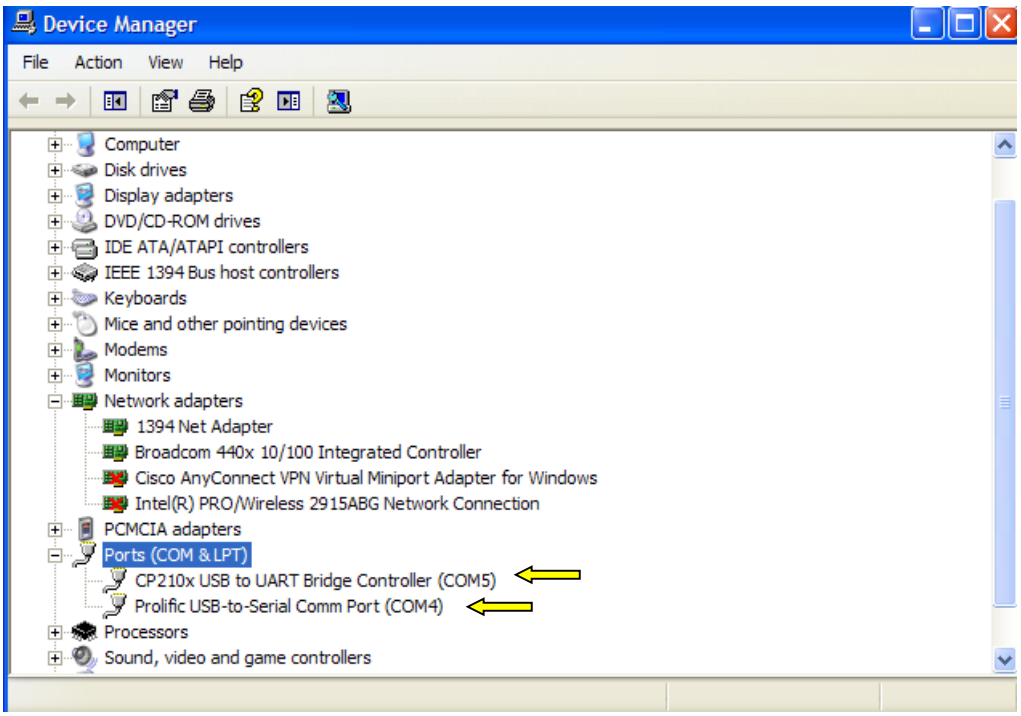
Double-click on **System**.



In the **System Properties** window, select the **Hardware** tab at the top of the window. In the Hardware tab, click on **Device Manager**.



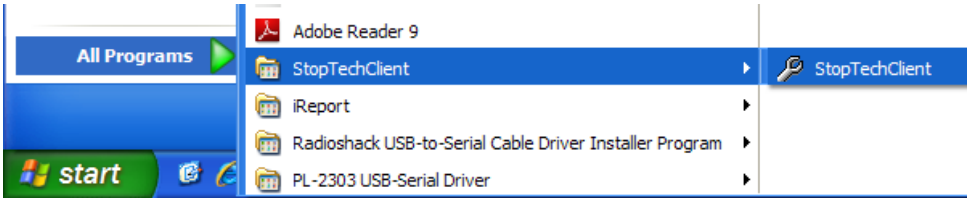
Double-click on **Ports (COM & LPT)** to view the current COM port number assigned to the interface device. In the example below COM5 is used for USB interface, and COM4 is used for Serial interface.



Note: This COM port must be selected in the Communication Settings of the Console Software. See Client Interface Setup.

RUN STOPTECH CLIENT

From the **Start** menu, click on **StopTechClient** under **All Programs**…



or, double-click on the **StopTechClient** icon on the desktop.

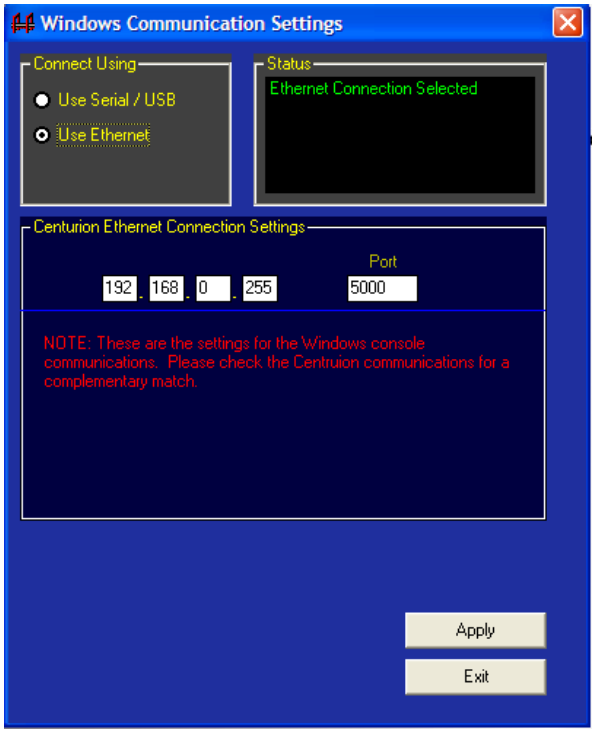
CLIENT INTERFACE SETUP

Connect Using Ethernet Network Connection

Note: Ensure Ethernet Network Cable is connected to the Ethernet Port on the side panel.

Under **Communication Settings**, highlight **Windows Communications**, and select **Client Interface Selection.**

Select **Use Ethernet** in Connect Using box.
Enter Network IP Address and Port number for Centurion.
Click **Apply**.
Click **Exit**.



Note: End user IT personnel responsible for network settings/IPs.

Connect Using USB Connection

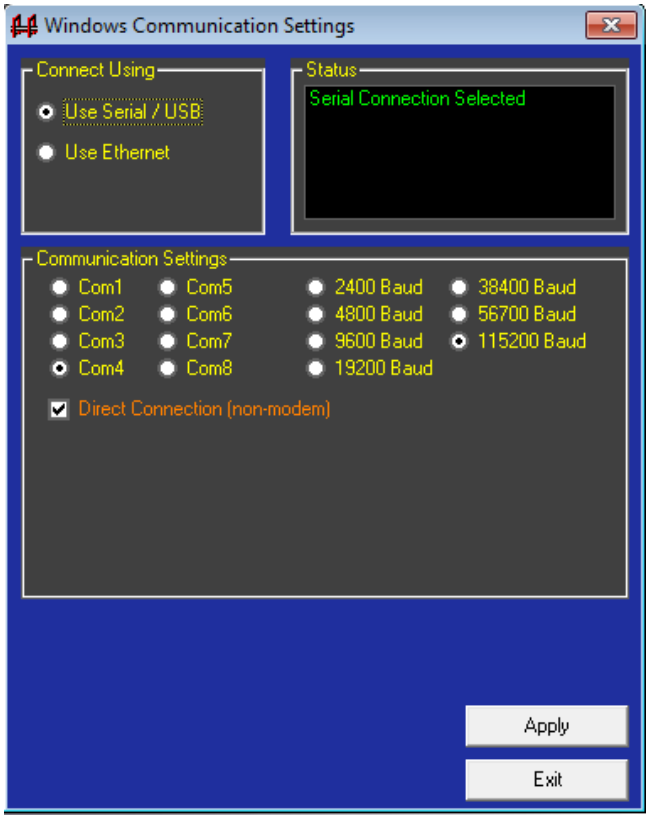
Note: Use same USB port on user computer to connect interface device each time to ensure correct COM port number is assigned.

Under **Communication Settings**, highlight **Windows Communications**, and select **Client Interface Selection.**

Select **Use Serial / USB** in Connect Using box.
Select COM Port associated with USB controller.

Note: Windows Device Manager must be used to identify/change COM Port number associated with the interface device. See COM Port Setup.

Select **Direct Connection**.
Select **115200 Baud**.
Click **Apply**.
Click **Exit**.



Connect Using Serial (RS-232) Connection

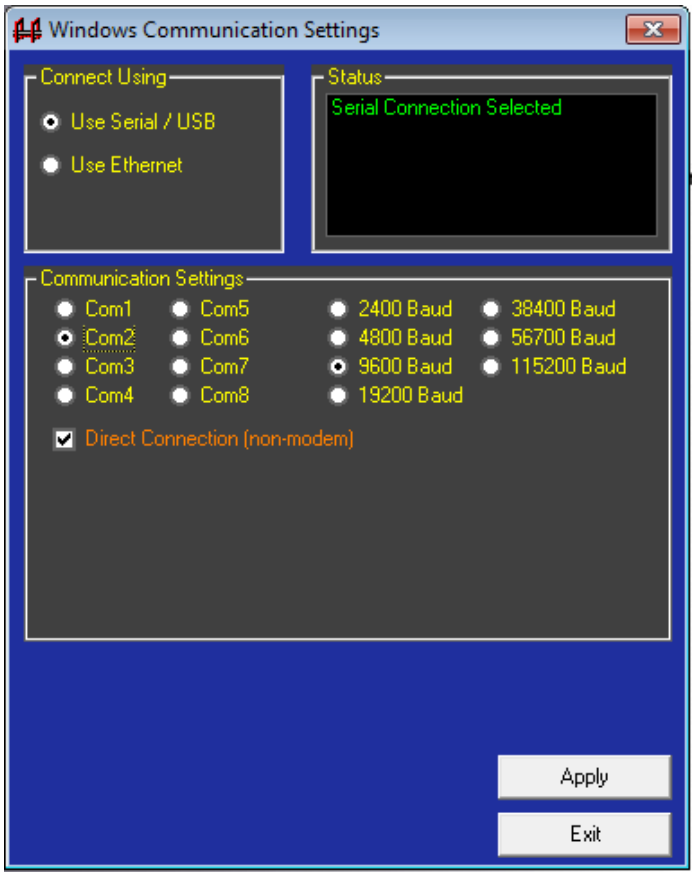
Note: Use same port on user computer to connect interface device each time to ensure correct COM port number is assigned.

Under **Communication Settings**, highlight **Windows Communications**, and select **Client Interface Selection.**

Select **Use Serial / USB** in Connect Using box.
Select COM Port associated with the Serial connection.

Note: Windows Device Manager must be used to identify/change COM Port number associated with the interface device. See COM Port Setup.

Select **Direct Connection**.
Select **9600 Baud**.
Click **Apply**.
Click **Exit**.

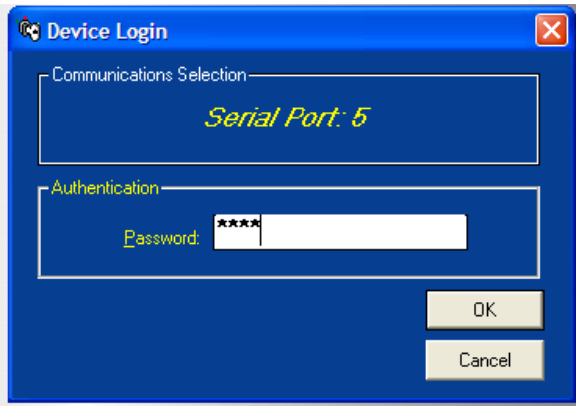


LOG ON

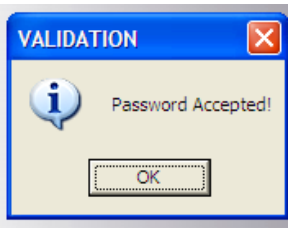
Note: CENTURION IS DISARMED WHILE USER IS LOGGED ON.

Under **Connect** select **Logon**.

Enter User Password found in the front cover of the Quick-Start User Guide.
Click **OK**.



If User Password was entered correctly the following message will be displayed.
Click **OK**.

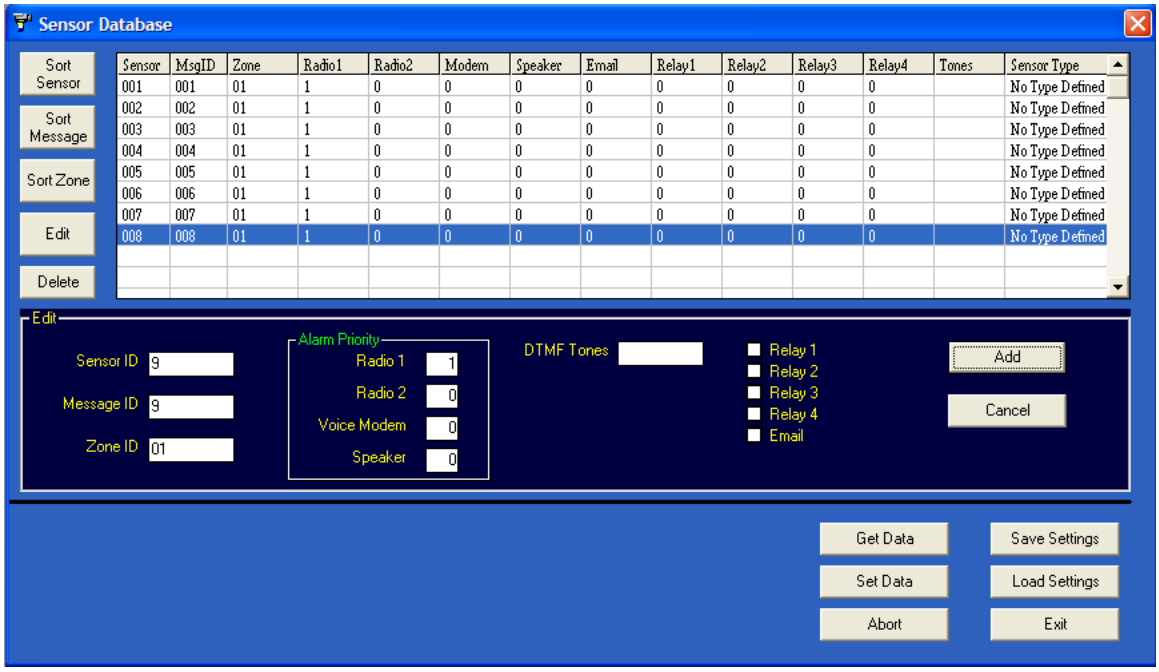


Note: Centurion will re-arm after 300 seconds (5 minutes) of inactivity.

SENSOR SETTINGS

Under **Centurion Configuration**, select **Sensor Settings**.

Sensor Mapping permits the user to configure a specific sensor to: transmit a radio message, turn on relays, transmit DTMF tones and create zones.



Command Buttons

Get Data = Downloads current settings saved on the Centurion to view and edit.
Set Data = Uploads the displayed settings to be saved on the Centurion.
Save Settings = Saves the currently displayed settings as a DAT file on the user computer.
Load Settings = Displays previously saved settings from a DAT file on the user computer.
Exit = Closes the Sensor Database window.

Edit Sensor Options
Edit = Allows user to change the sensor settings for the highlighted sensor.
Delete = Allows user to delete the highlighted sensor from the mapping table.
Add = Adds new (previously unused Sensor ID) or edits current sensor in the displayed sensor mapping table. Click **Add** after all settings are updated.

Note: User must still click on Set Data in order to upload the displayed table to the Centurion.

Sensor ID = Set the ID number for the sensor.
Message ID = Set the message to be played when sensor is activated.
Zone ID = Permits the user to assign a zone to the sensor. (See Zone Settings)
Alarm Priority = Assign output priority; value will be **0** (i.e., device not utilized), **1, 2, 3 or 4** if equipped with multiple radios and/or voice modem.

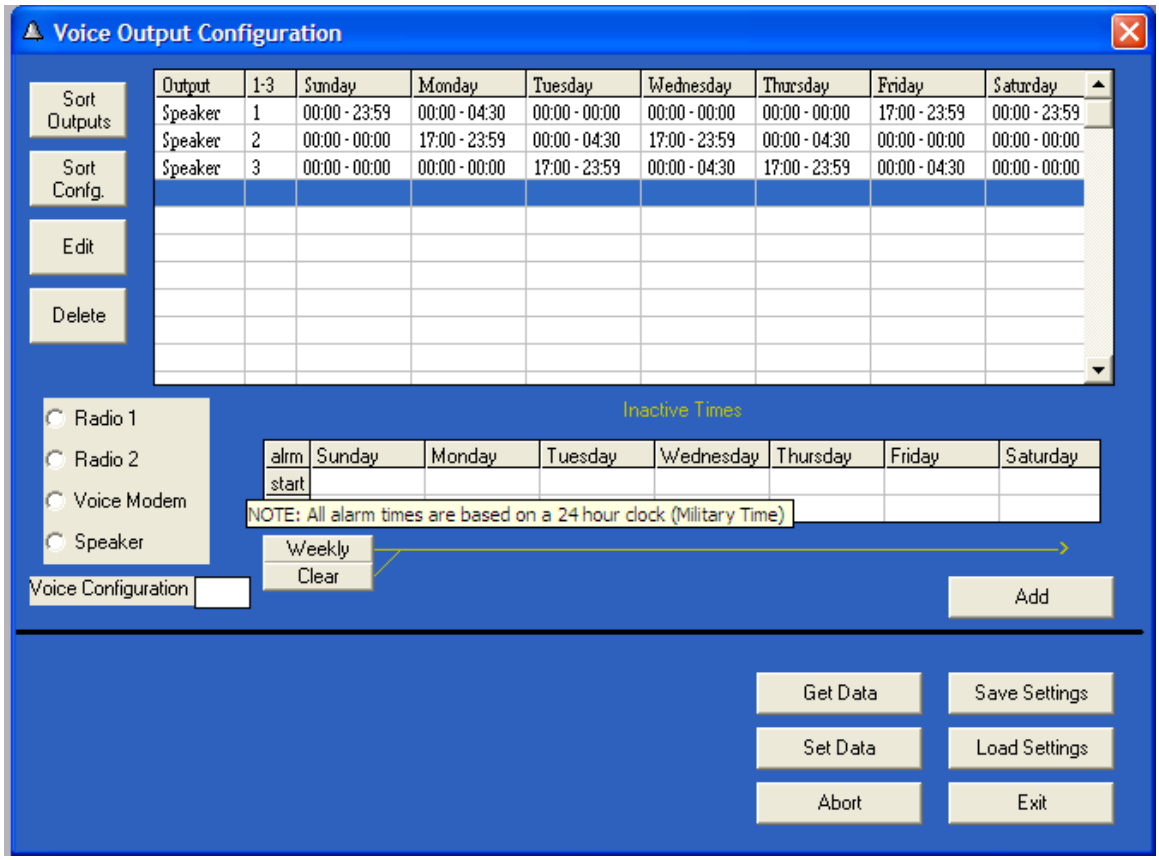
Note: Output priorities for radio, voice modem, and speaker must be unique from one another or system malfunction will occur.

DTMF Tones = DTMF tones that can be transmitted in lieu of or in conjunction with radio transmission. Enter the DTMF tones you wish to be played. This field will accept **0** through **9**, **#** & ***.**
Email = Turn on/off email alarm transmittal function for sensor. (See Email Settings)
Relay (1-4) = Assign active relay to sensor. (For Relay setup see User Settings)
Sensor Type = Identifies the type of sensor assigned to the sensor number. (**READ ONLY**)

VOICE OUTPUT SETTINGS

Under **Centurion Configuration**, select **Voice Output Settings**.

Device Inactive Times permit the user to set output times per device for radio (1-2), speaker, and modem.



Command Buttons

Get Data = Downloads current settings saved on the Centurion to view and edit.
Set Data = Uploads the displayed settings to be saved on the Centurion.
Save Settings = Saves the currently displayed settings as a DAT file on the user computer.
Load Settings = Displays previously saved settings from a DAT file on the user computer.
Exit = Closes the Sensor Database window.

Edit Inactive Times

Edit = Allows user to edit the highlighted output inactive times.
Delete = Allows user to delete the highlighted output inactive times from the table.
Add = Adds new, or edits current output inactive times in the displayed table.

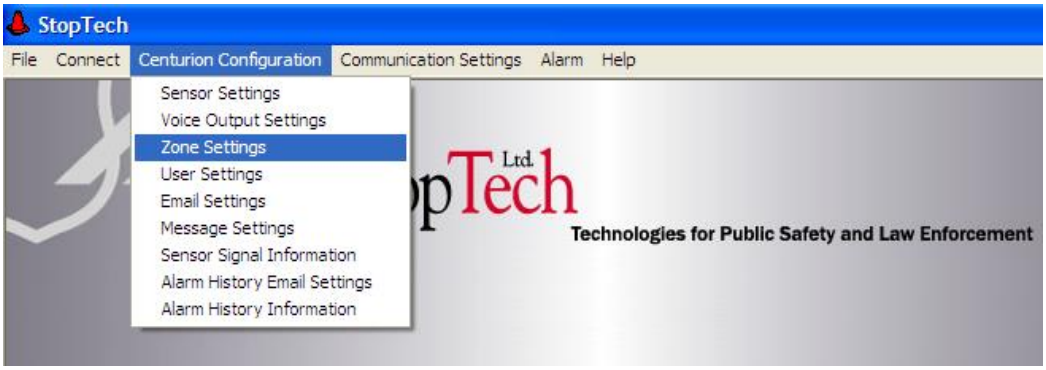
In the above example, the speaker output will be inactive from 5:00pm Friday to 4:30am Monday; as well as every night from 5:00pm to 4:30am Monday thru Friday.

Within a 24-hour period, each inactive time can be programmed for 1 to 3 scheduled inactive configurations. Inactive times can vary from one minute (00:00 - 00:01) to 23 hours and 59 minutes (00:00 - 23:59). The (**`From`**) time must be less than the (**`To`**) time or an error message will be displayed.

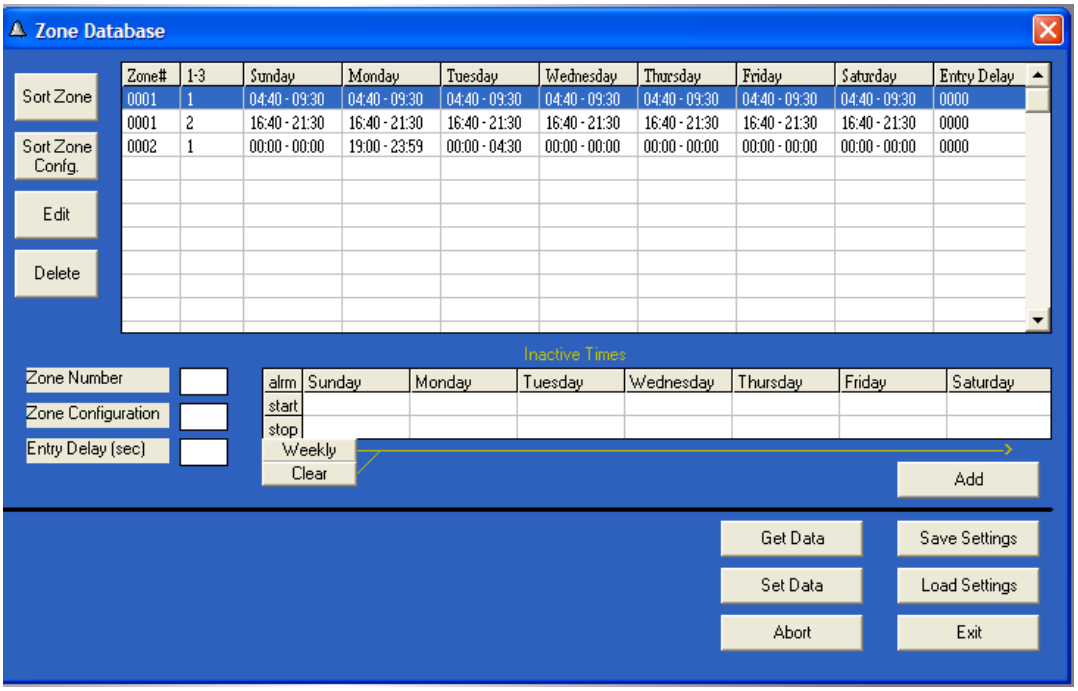
Enter inactive times utilizing 24 hour clock (1:05pm is 13:05). Output active times, will program the Centurion to inactivate output devices configured to a designated time frame. To set the inactive time to be inactive between two days, i.e. 11:30pm Monday to 2:00am Tuesday, enter the two configuration days for that inactive time, i.e. for Monday, enter from: 23:30 to: 23:59; Tuesday enter from: 00:00 to: 02:00.

ZONE SETTINGS

Under **Centurion Configuration**, select **Zone Settings**.



Zones are user defined areas or designations that link sensors to a given geographic area or function. Zones are responsible for maintaining the active and inactive times for a specific area.



Command Buttons
Get Data = Downloads current settings saved on the Centurion to view and edit.
Set Data = Uploads the displayed settings to be saved on the Centurion.
Save Settings = Saves the currently displayed settings as a DAT file on the user computer.
Load Settings = Displays previously saved settings from a DAT file on the user computer.
Exit = Closes the Sensor Database window.

Edit Zones
Edit = Allows user to edit the highlighted Zone.
Delete = Allows user to delete the highlighted Zone from the table.
Add = Adds new, or edits current Zone in the displayed table. Up to 16 zones may be added.
Entry Delay = Enter the desired delay in seconds (0 - 99).

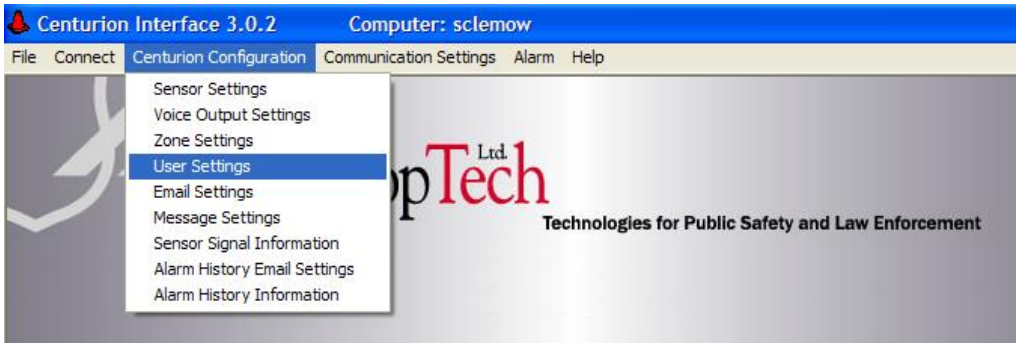
Within a 24-hour period, each Zone can be programmed for 1 to 3 scheduled inactive configurations. Inactive times can vary from one minute (00:00 - 00:01) to 23 hours and 59 minutes (00:00 - 23:59). The (**From**) time must be less than the (**To**) time or an error message will be displayed.

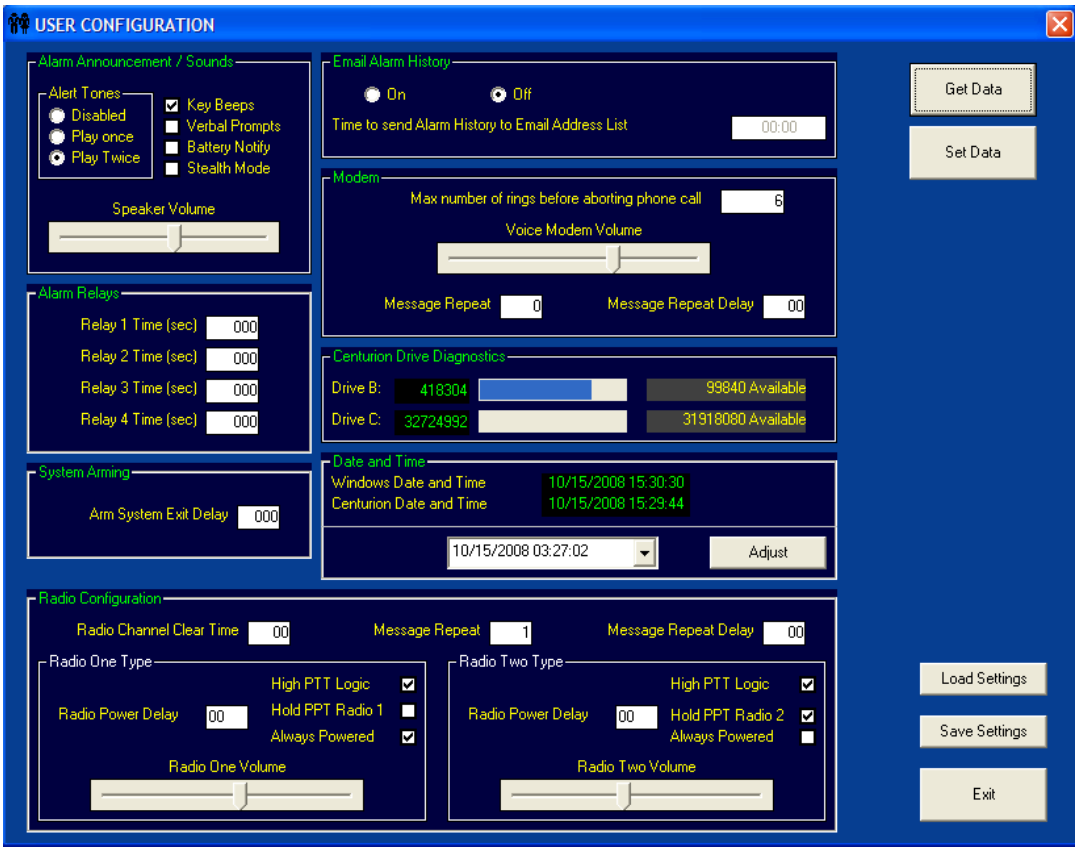
Enter inactive times utilizing 24 hour clock (1:05pm is 13:05). Zone inactive times, will program the Centurion to deactivate sensor(s) configured to a designated Zone. To set the zone to be inactive between two days, i.e. 11:30pm Monday to 2:00am Tuesday, enter the two zone configuration days for that zone, i.e. for Monday, enter from: 23:30 to: 23:59; Tuesday enter from: 00:00 to: 02:00.

Note: Supervisory functions such as Sensor Tamper, Sensor Low Battery and Sensor Missing are monitored during "active" and "inactive" configurations.

USER SETTINGS

Under **Centurion Configuration**, select **User Settings**.





Command Buttons

Get Data = Downloads current settings saved on the Centurion to view and edit.
Set Data = Uploads the displayed settings to be saved on the Centurion.
Save Settings = Saves the currently displayed settings as a DAT file on the user computer.
Load Settings = Displays previously saved settings from a DAT file on the user computer.
Exit = Closes the User Configuration window.

Note: Checked box indicates option is enabled.

User Configuration

Alert Tones = Select the number times Alert Tones will be played before message broadcast.
Key Beeps = Turn On/Off Keypad Beeps.
Verbal Prompts = Permits the user to turn On/Off verbal prompts used to assist user with menu navigation. (i.e. "*Enter Password")*
Battery Notify = Turn On/Off verbal notifications of internal back-up battery status. (i.e. ***"system operating on internal battery", "internal battery failure imminent")***. These notifications are transmitted via user's radio system and/or the voice communication interface options.
Stealth Mode = Turns Off LCD power.
Speaker Volume = Adjusts the speaker output volume. (0-9)
Alarm Relays = Permits the user to select the time interval for 1 to 4 relays. Variable latch times for each relay can be set from 1 to 998 seconds or an indefinite latch time can be designated by entering 999 (device will remain "latched" until Centurion is disarmed). See Sensor Settings to enable relay.
System Arming = Permits the user to select the time interval (**`0 to 999 sec`**) to disregard alarms for the purpose of **exiting** the facility.
Email Alarm History = Turn On/Off Alarm History emails and set time for delivery. (See Email Settings to set email address)
Modem = Set the number of rings before the system aborts the call. (See Sensor Settings to enable modem)

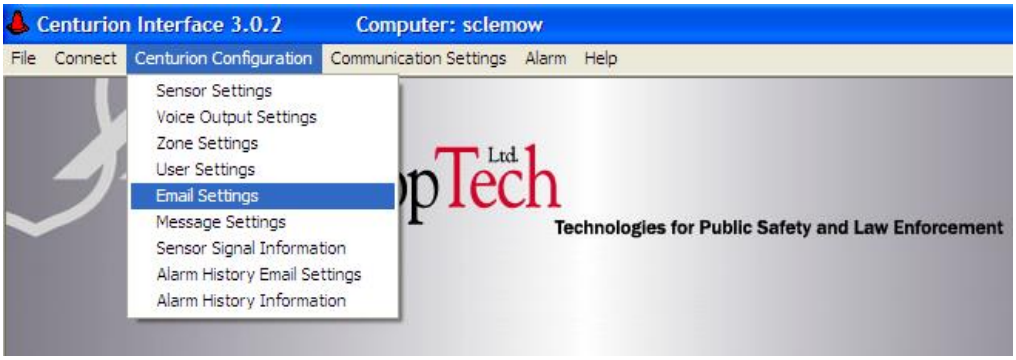
Radio Configuration

Radio Chanel Clear Time = Permits the user to select the time interval (**`0 to 99 seconds`**) to delay the radio transmission should the radio channel be busy.
Message Repeat = Set number of times a message is repeated.
Message Repeat Delay = Set the time interval between message transmissions.
Radio Power Delay = Permits the user to select the time interval (**`0 to 10 sec`**) to delay the radio transmission. (used for timing when integrating designated radio that requires a power-up self check prior to being operational)
High PTT Logic = Sets the radio to High PTT Logic when selected. Sets radio to Low PTT Logic when not selected.
Hold PTT = Select if the PTT button on the radio must be held in order to transmit.
Always Powered = Radio will turn on any time the Centurion is powered when selected. Radio will power when alarm transmitted when not selected. (See Radio Power Delay)
Radio Volume = Set broadcast modulation level for radio.

Note: The Centurion radio operation is configured and tested during assembly and should only be modified by an experienced radio technician.

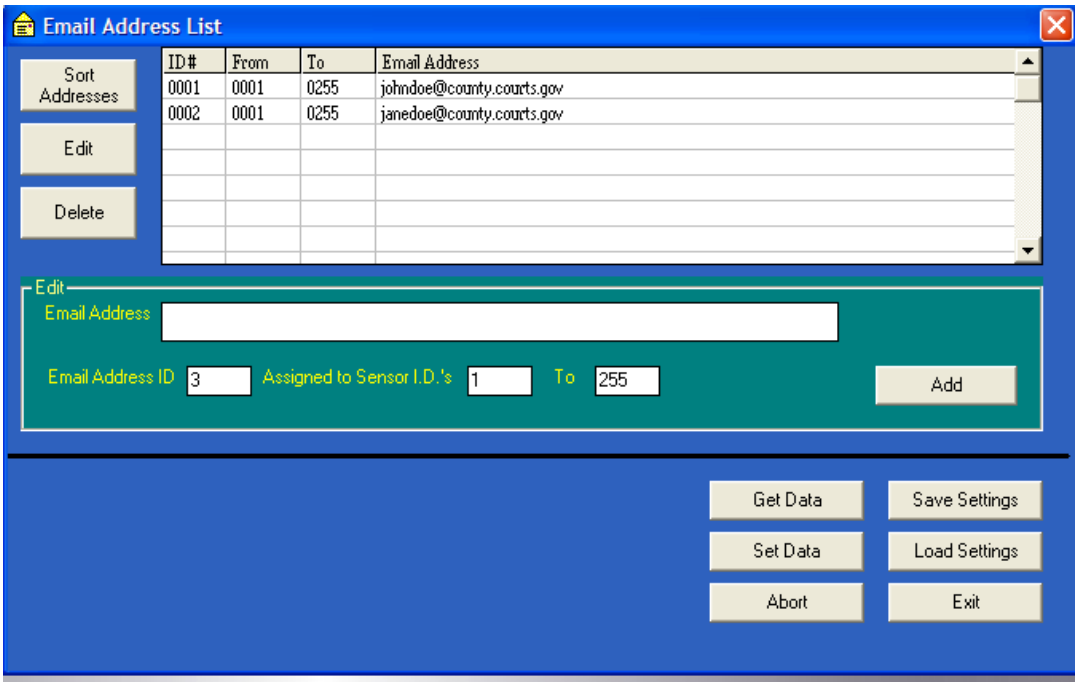
EMAIL SETTINGS

Under **Centurion Configuration**, select **Email Settings**.



Note: Actual written email message is configured in Message Settings.

The **Email Address List** allows the user to display/edit the email addresses to receive notice when an alarm is triggered. Emails are transmitted in **sequential** order.



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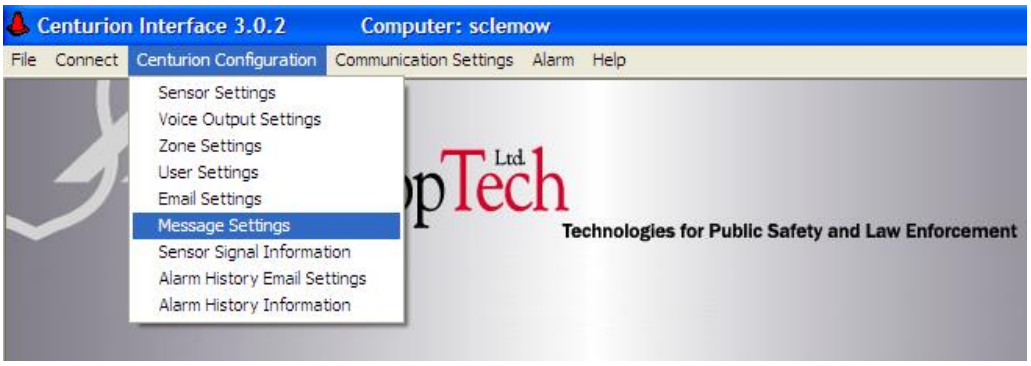
Set Data = Uploads the displayed settings to be saved on the Centurion.
Save Settings = Saves the currently displayed settings as a DAT file on the user computer.
Load Settings = Displays previously saved settings from a DAT file on the user computer.
Exit = Closes the Email Address List window.

Edit Email Address
Edit = Allows user to edit the highlighted address.
Delete = Allows user to delete the highlighted address from the table.
Add = Adds new, or edits current address in the displayed table.
Email Address = Enter the Alarm Distribution Email Address.
Assigned to Sensor I.D.'s = Assign specific sensors to the email address. Assign [1 To 255] for email address to receive all alarms.

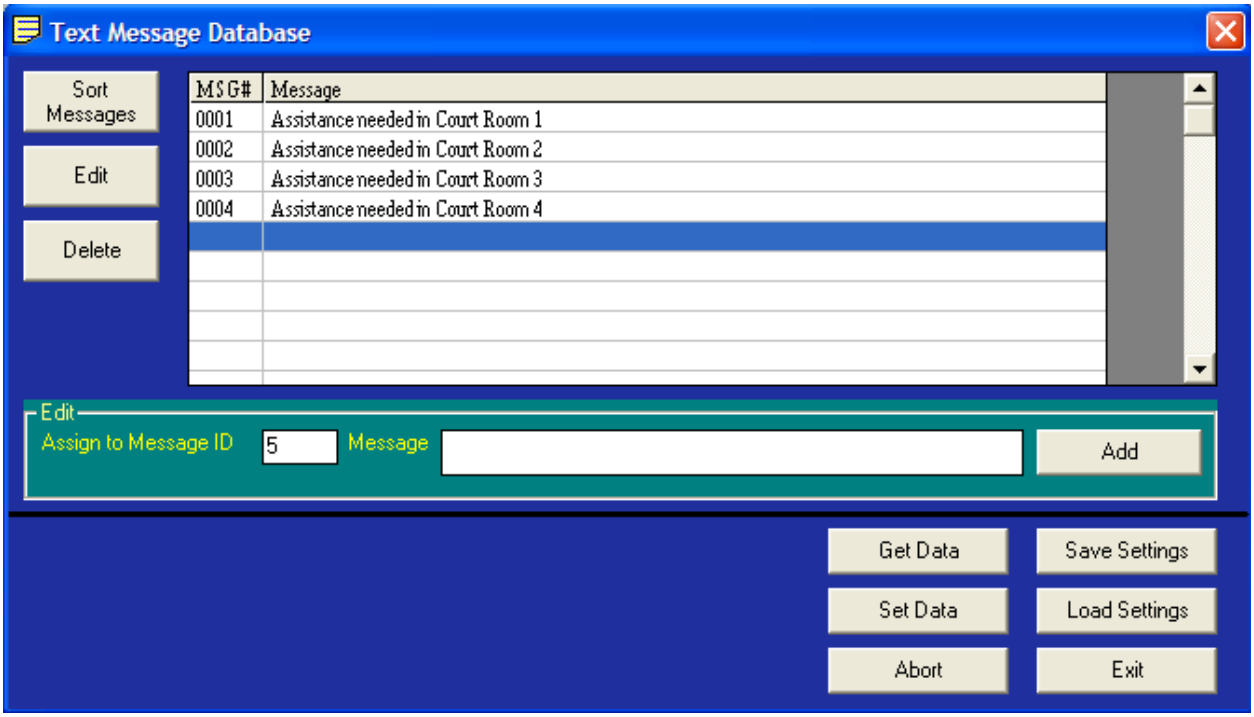
Note: End user IT personnel responsible for setup/maintenance of email feature integration.

MESSAGE SETTINGS

Under **Centurion Configuration**, select **Message Settings**.



Message Settings permits the user to Add, Edit, and Delete the written messages associated with each **verbal message**. The written messages can be transmitted by email and/or text message.



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Save Settings = Saves the currently displayed settings as a DAT file on the user computer.
Load Settings = Displays previously saved settings from a DAT file on the user computer.
Exit = Closes the Text Message Database window.

Edit Messages

Edit = Allows user to edit the highlighted message.
Delete = Allows user to delete the highlighted message from the mapping table.
Add = Adds new (previously unused Message ID) or edits current message in the displayed table. Click **Add** after all settings are updated.

Note: User must still click on Set Data in order to upload the displayed table to the Centurion.

Assign to Message ID = Enter the number associated with the message to be transmitted.

Note: Written message ID number must have DIRECT correlation with the voice message number.

Message = Enter the written message to be transmitted.

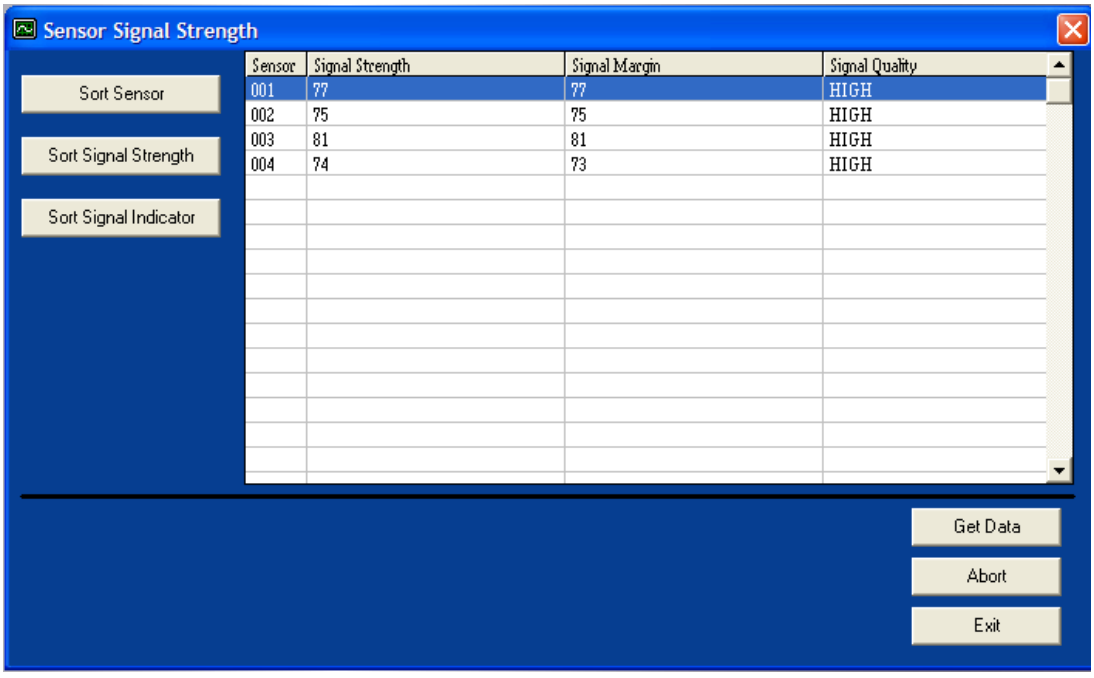
SENSOR SIGNAL STRENGTH

Under **Centurion Configuration**, select **Sensor Signal Information**.

The **Sensor Signal Strength** menu permits the user to view sensor signal quality.

Note: Sensor Signal Strength display is READ ONLY.

Note: The information in this field is a "snap shot" of signal strength recorded during the last sensor check-in. Accurate sensor signal levels occur only when sensor is in alarm (readings from check-ins will be lower than actual signal levels).

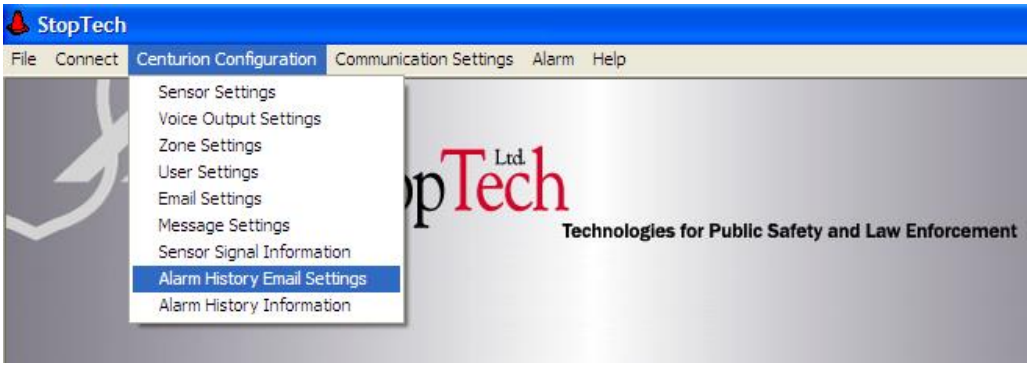


Command Buttons

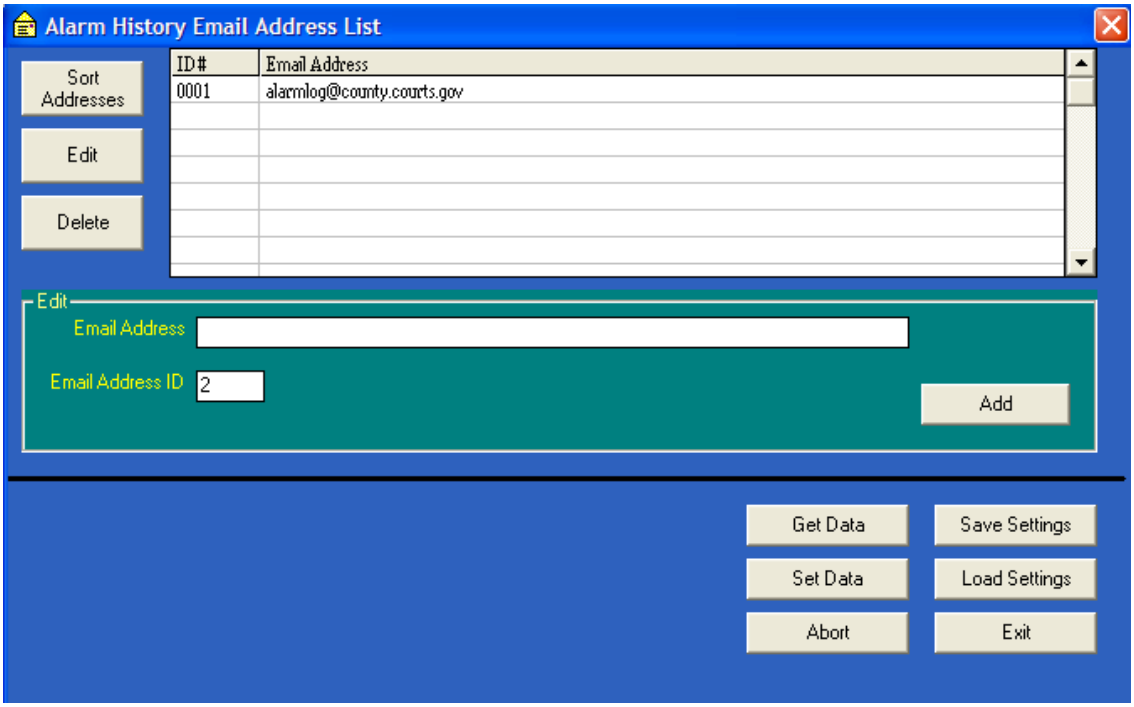
Get Data = Downloads current settings saved on the Centurion to view and edit.
Sort Buttons = Permits the user to sort the sensors by sensor number, signal strength, and signal indicator.
Exit = Closes the Sensor Signal Strength window.

ALARM HISTORY EMAIL SETTINGS

Under **Centurion Configuration**, select **Alarm History Email Settings**.



The **Alarm History Email Address List** allows user to display/edit email addresses to receive the Alarm History. Emails are transmitted in **sequential** order.



Command Buttons

Get Data = Downloads current settings saved on the Centurion to view and edit.
Set Data = Uploads the displayed settings to be saved on the Centurion.
Save Settings = Saves the currently displayed settings as a DAT file on the user computer.
Load Settings = Displays previously saved settings from a DAT file on the user computer.
Exit = Closes the Alarm History Email Address List window.

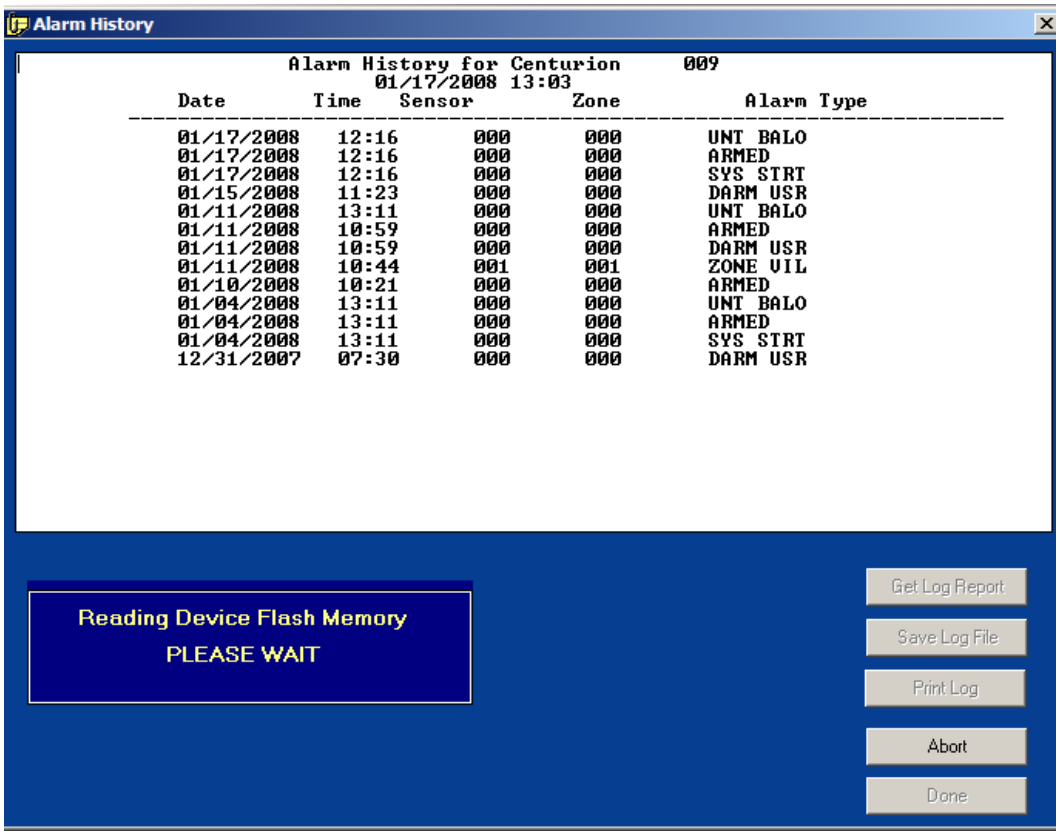
Edit Email Address
Edit = Allows user to edit the highlighted address.
Delete = Allows user to delete the highlighted address from the table.
Add = Adds new, or edits current address in the displayed table.
Email Address = Enter the Alarm History Email Address.

Note: End user IT personnel responsible for setup/maintenance of email feature integration.

ALARM HISTORY LOG

Under **Centurion Configuration**, select **Alarm History Information**.

Alarm History (Date, Time, Sensor number, Zone ID number and Alarm type) is a log of Centurion system activities. The last 200 events are stored in a circular nonvolatile buffer. When the number of events exceeds 200, the oldest stored events are overwritten.



Alarm Log Descriptions:

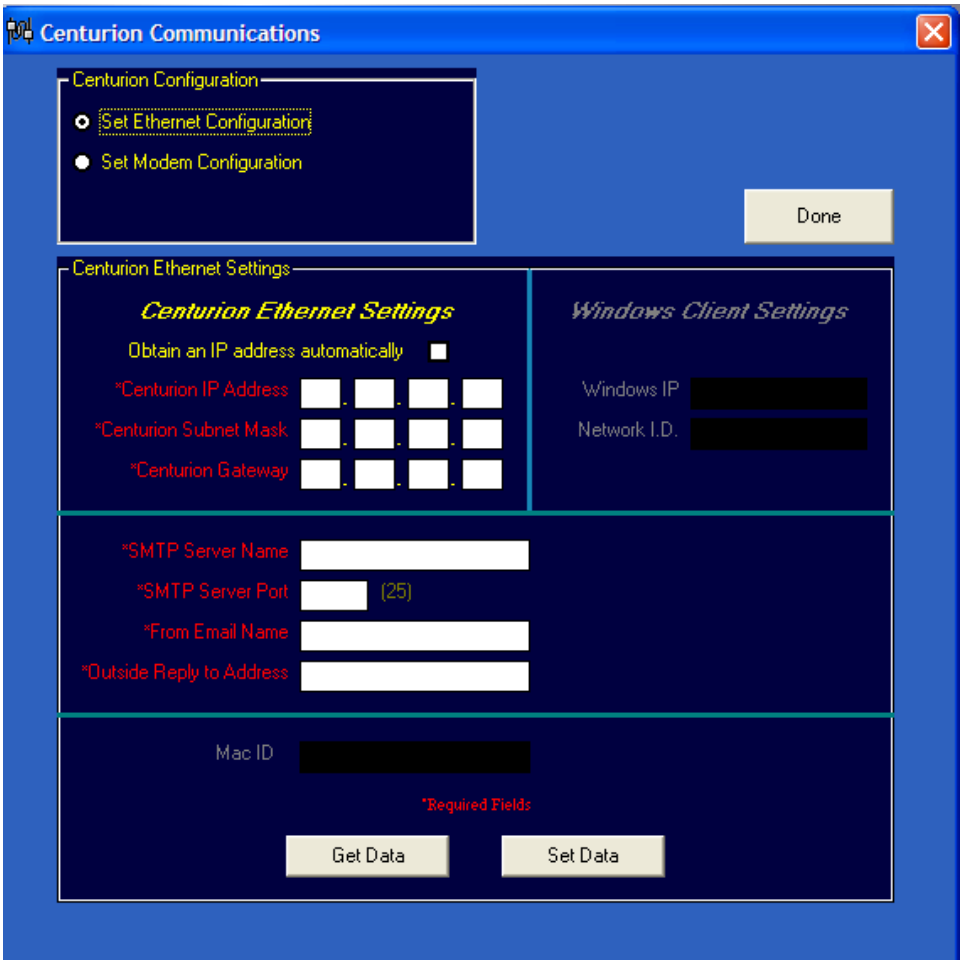
"DARM USR"	Centurion disarmed by the Main User
"DARM MFG"	Centurion disarmed by Manufacturing Representative
"DARM ALT"	Centurion disarmed by Alternate User
"ARMED"	Centurion armed
"ZONE VIL"	Sensor activated
"SEN RST"	Sensor reset (programmed)
"SEN TAMP"	Sensor tampered
"SEN BATT"	Sensor low battery
"SEN MISS"	Sensor missing
"SEN RTND"	Sensor returned
"ON AC"	Unit operating on AC power
"ON BATT"	Unit operating on internal battery
"UNT BALO"	Unit operating on internal battery - Centurion's battery is low
"SHUTDOWN"	Unit operating on internal battery - Centurion is shutting-down, battery is below minimum operating voltage
"SYS STRT"	Subsequent to a failed start-up sequence, Centurion has been restarted or powered-up
"RMT USER"	Main User logged-in through a remote terminal
"RMT MFGR"	Manufacturing Representative logged-in through a remote terminal
"RMT ALTU"	Alternate User logged in through a remote terminal

CENTURION COMMUNICATIONS

Ethernet Configuration

Under **Communication Settings**, highlight **Centurion Communications**, and select **Centurion Communications**.

Select **Set Ethernet Configuration**.



Command Buttons
Get Data = Downloads current settings saved on the Centurion to view and edit.
Set Data = Uploads the displayed settings to be saved on the Centurion.
Done = Closes the Centurion Communication window.

Centurion Ethernet Settings
Enter all required fields.

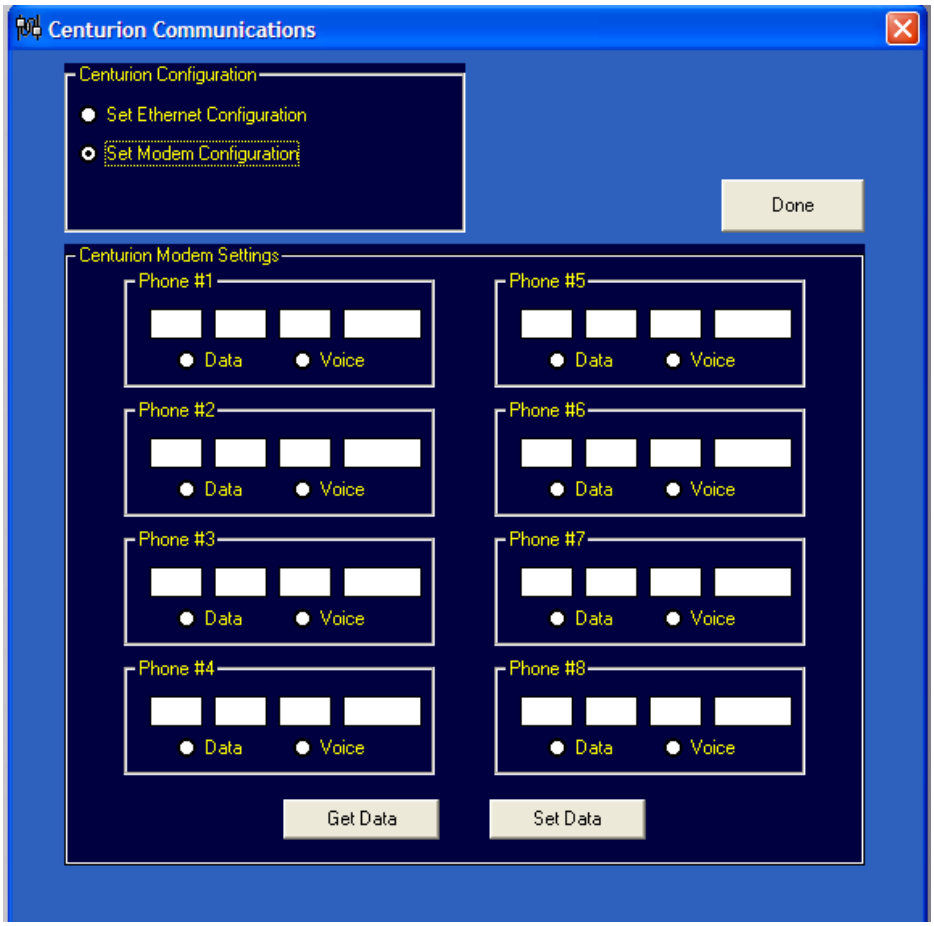
Note: Entering zeros (0) in the IP address field will enable DHCP mode

Note: End user IT personnel responsible for setup/maintenance of email feature integration.

Modem Configuration

Under **Communication Settings**, highlight **Centurion Communications**, and select **Centurion Communications**.

Select **Set Modem Configuration**.



Command Buttons
Get Data = Downloads current settings saved on the Centurion to view and edit.
Set Data = Uploads the displayed settings to be saved on the Centurion.
Done = Closes the Centurion Communications window.
Data / Voice = Select Data (Fax) or Voice (Phone) modem type.

The Centurion modem can be configured to establish a communication connection to one of eight designated numbers. Should multiple numbers be selected, the Centurion modem will attempt to connect in **sequential** order: 1 - 8.

Note: The Max Number of Rings, Message Repeat, Message Repeat Delay, and Voice Modem Volume are all configured under User Settings.

Note: Telephone destination, determines amount of telephone number digits required i.e. local= 555 1212, long distance= 1 513 555 1212.

Note: The Centurion modem can dial up to 12 numbers.

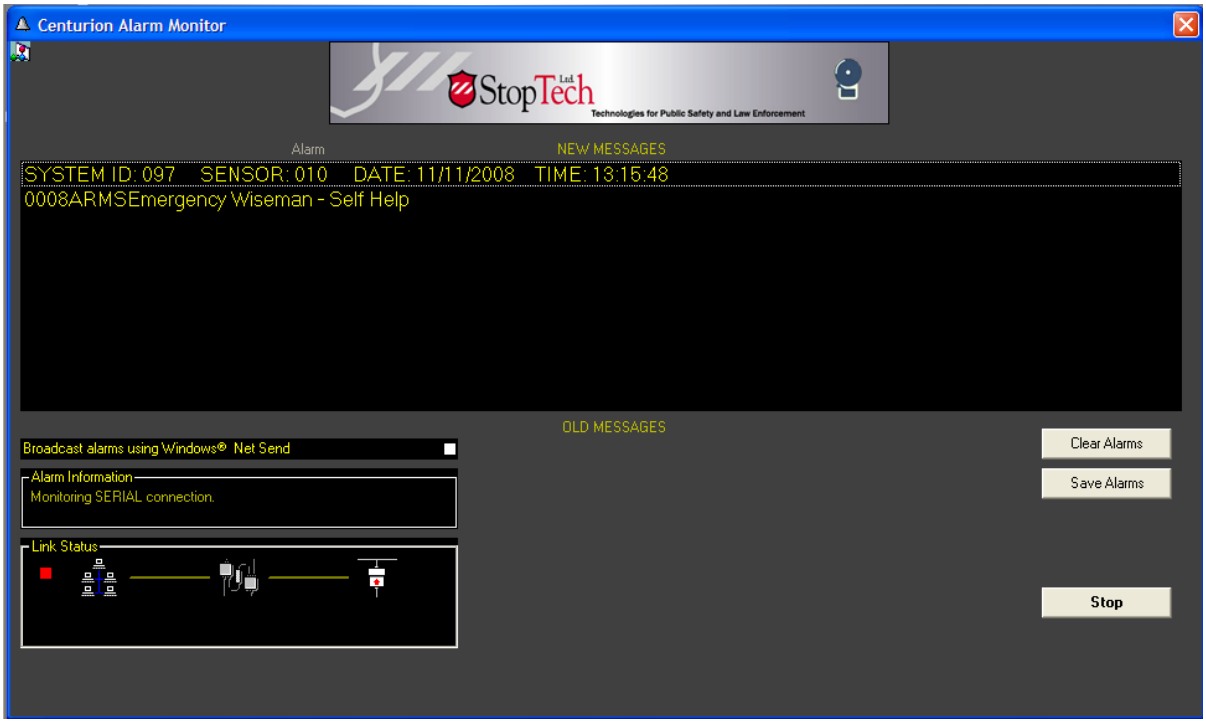
Note: To dial 911 place numerals in area code field (placing 911 in exchange and/or number field will result in a dialing error).

ALARM LISTEN

Under **Alarm**, select **Alarm Listen On**.

Note: User must be logged off and system armed to utilize the Alarm Listen function.

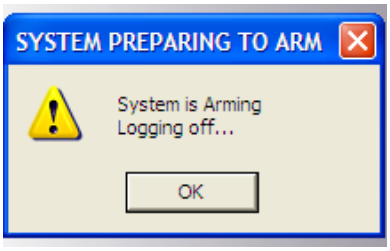
The **Alarm Listen** function allows the user to actively monitor all alarms associated with the system. Alarm messages appear when triggered and are displayed on the message screen in order from newest to oldest.



Command Buttons

Clear Alarms = Clears the Alarms from the monitor.
Save Alarms = Saves the Alarm list as a Text Document on the user's computer.
Stop = Turns Alarm Listen function off and closes the Centurion Alarm Monitor window.

LOG OFF

Under **Connect**, highlight **Logoff**, and select **Arm System**.

Click **OK**.