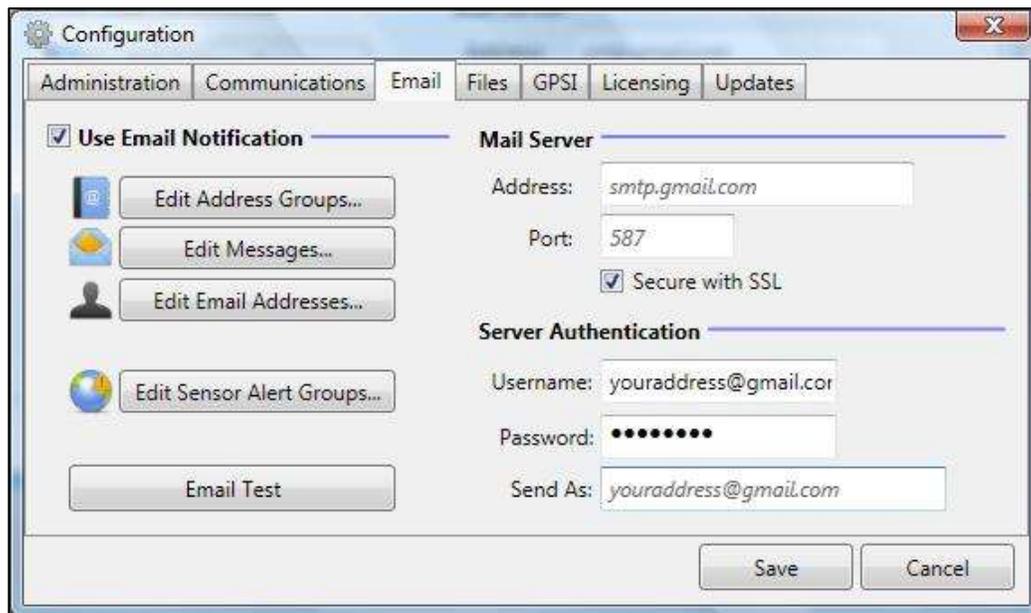


CONFIGURING EMAIL/TEXT ALERTS IN THORPCX**Section I**

Page 2 – Email Tab, Mail Server & Server Authentication.

Section II

Page 3 – Configuring Email Addresses, Groups & Messages. Also Edit Email Addresses.

Page 4 – Edit Email Groups.

Page 5 – Edit Email Messages.

Page 6 – Edit Sensor Alert Groups. *Only for Multiple Thor Guard Sensor Customers*

Page 7 – Email Test.

Section III

Page 8 – Configuring Your Sensor to use Alerts.

Page 9 – Setting up Email/Text Alerts.

Page 10 – Enabling/Disabling Alerts.

Section I – Email Tab

The Email tab will allow you to use a sending mail server (SMTP) to send automatic email alerts to pre-defined lists of email addresses when the Thor Guard sensor reaches a specified level. To use email alerts, you must have appropriate access to a sending mail server on which a mail account can be used to send the email. Thor Guard does not provide an email server to accomplish this.

To enable email alerts, you must place a check in the “Use Email Notification” box. You must then configure Groups, Messages, and Addresses. Instructions to do this are located beneath the image directly below.

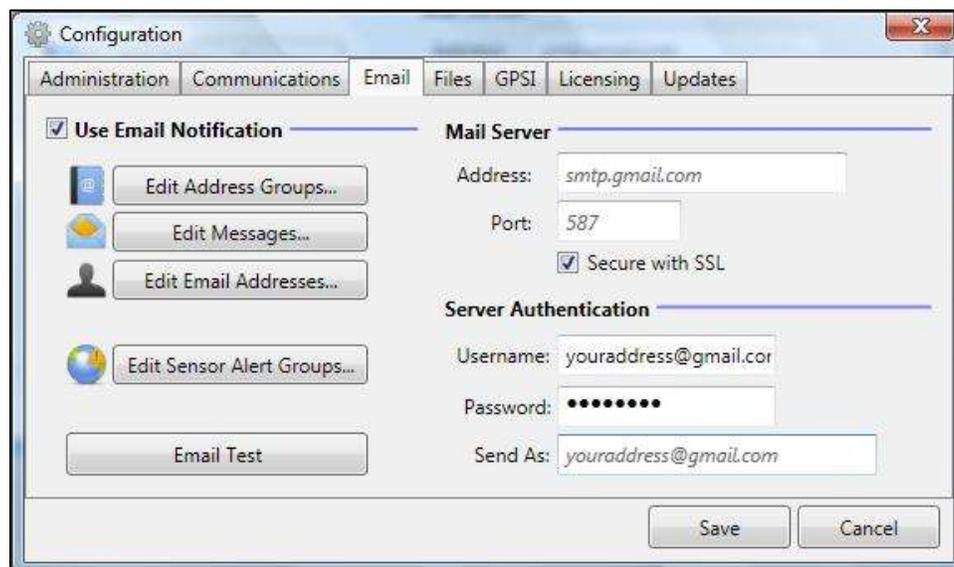
IMPORTANT NOTES: The email notification option is dependent upon the reliability of the customer’s email server and network. * If using Gmail, you may have to sign into your Gmail account. Click on your picture in the upper right and then click ACCOUNT. On the Account Settings page that loads, scroll down to the Signing In area and change ACCESS FOR LESS SECURE APPS to ALLOWED. *****

Mail Server

You must type the IP address or the domain name of the email server you will use in the “Address” field. Enter the appropriate TCP port over which email will be sent. Check the “Secure with SSL” box if your server requires it.

Server Authentication

Enter the username of the account on the server that will be used to send email notifications for Thor Guard. Enter the password for that account. In the “Send As” field, enter the email address that you want to appear in the “From” line of the email that will be sent.



Section II – Configuring Email Groups, Messages, and Addresses

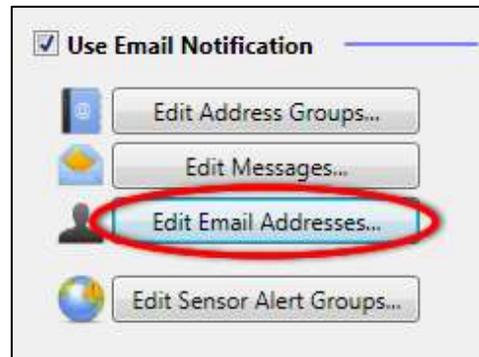
You can create multiple email groups to be used in conjunction with different email alert messages. Each group can contain any number of email addresses. The first step to creating a group email list is to create the email addresses that will be used.

Edit Email Addresses

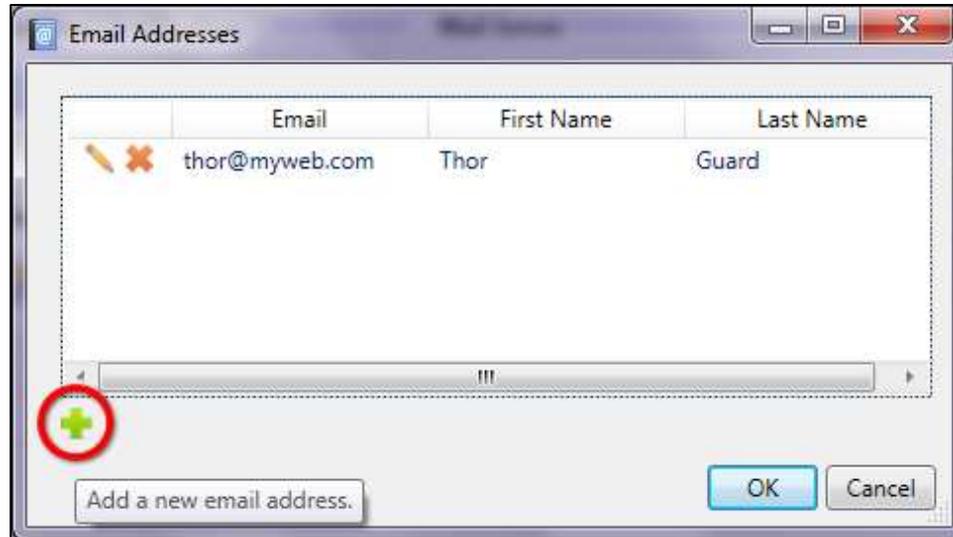
Press the “Edit Email Addresses” button to add email addresses (image to the right).

Then you will see the window similar to the image below.

To add new email addresses, click the “Add” (Green Plus) button in the window shown below.



Once you have entered the email address and first/last names, then click the “OK” button. After an email address is added, you can “Edit” (Pencil) or “Delete” (Red X) any email addresses as seen below.



NOTE: If you want your email to show up as a text message on a user’s mobile device, then you will need to create the email in a specific format. You can search the internet for “SMS Gateway List” or you can try these websites below for the various formats for cell phone providers:

<http://www.emailtextmessages.com/>

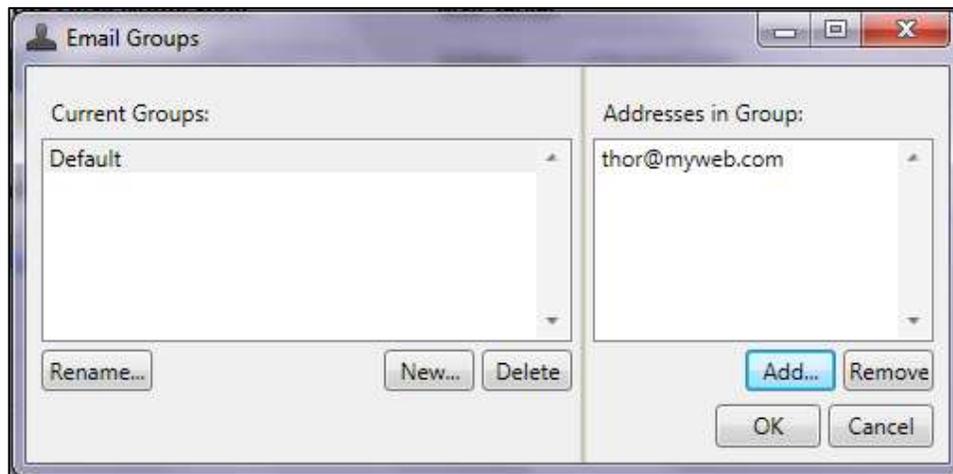
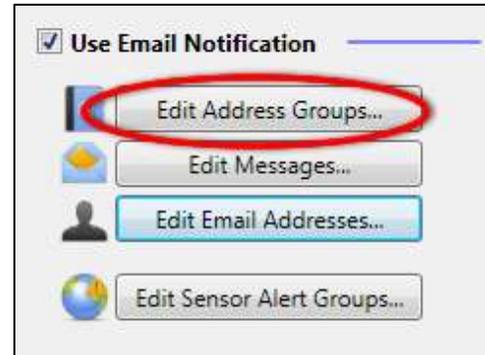
http://www.sweetnam.eu/index.php/List_of_Internet_to_SMS_gateways

Edit Email Groups

Click the “Edit Groups” button (*image to the right*).

Then you will see the window below.

On the left window pane, you can manage your groups. First create a new group, and then you can add email addresses to it. The addresses that are included in the highlighted group in the left pane, are displayed in the right window pane (*see image below*).



To add email addresses into your group, click on the group in the left window and then click the “Add” button below the right window. You will be presented with a list of email addresses that can be added to the group. Click on an email address and select the “OK” button to add it to the group. (*see image below*).

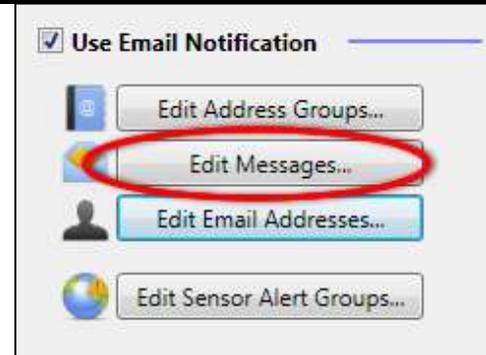
IMPORTANT: Make sure to click the “OK” button for any new settings or change to your existing settings to take effect.

Edit Email Messages

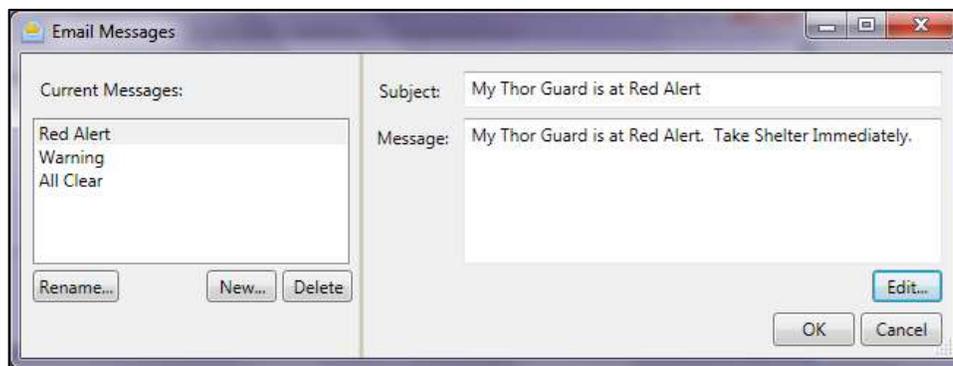
You can create customized alert messages that can be automatically sent out to a selected email group when the Thor Guard sensor attains a specific level.

Click the “Edit Messages...” button to manage the alert messages that will be emailed.

Once you have clicked the button, you will see the below window.



Begin by creating a name for your alert by clicking the “New” button. Type a name for your alert and then a message associated with the alert. You will then see the new alert and its associated message in the window below. Click the “OK” button to return to the Email tab.



After you have configured your email groups, addresses, and messages, you will need to configure your sensor to use them. Go to **Section III - Configuring Your Sensor to Use Alerts** (Page 8) for detailed instructions on setting up your sensor to use alerts.

IMPORTANT: Make sure to click the “OK” button and the “Save” button for any new settings or change to your existing settings to take effect.

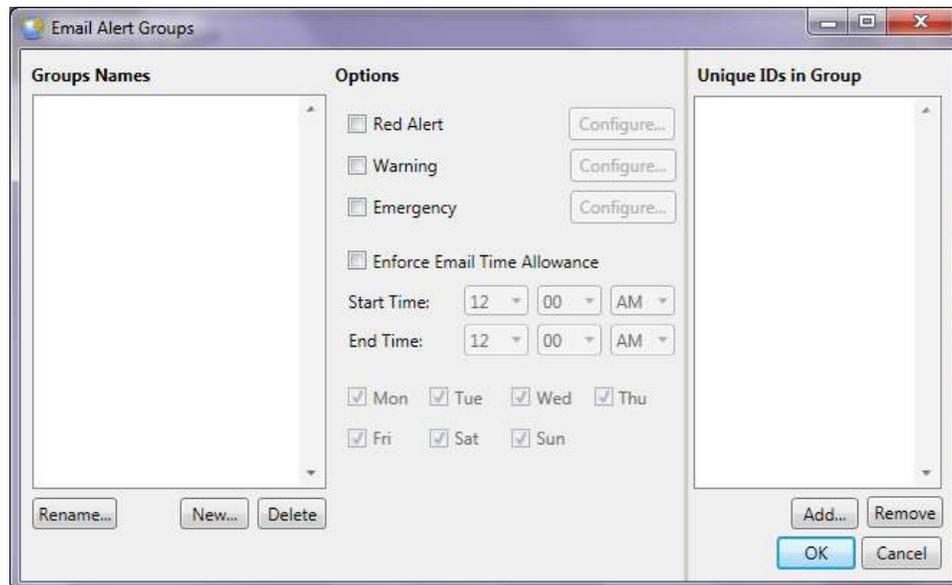


Edit Sensor Alert Groups

*****Only if your site has multiple Thor Guard systems*****

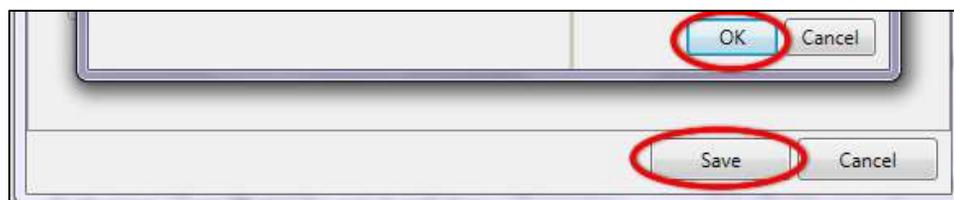
You can elect to group them together to act as a single unit when email alerts are sent. Rather than treating each sensor as a separate warning system, they would all act as a collective whole regarding email alerts. Click the “Edit Sensor Alert Groups...” button if you have multiple sensors that you want to add to a single email alert group.

The next window (below) will appear once you press the “Edit Sensor Alert Groups...” button.



Begin by adding a new Group to the “Group Names” in the left pane. Then press the “Add...” button to add the sensor IDs that you want to associate with the new Group. Lastly, select from the “Options” section which parameters you want to apply to your Group. When finished, click the “OK” button.

IMPORTANT: Make sure to click the “OK” button and the “Save” button for any new settings or change to your existing settings to take effect.



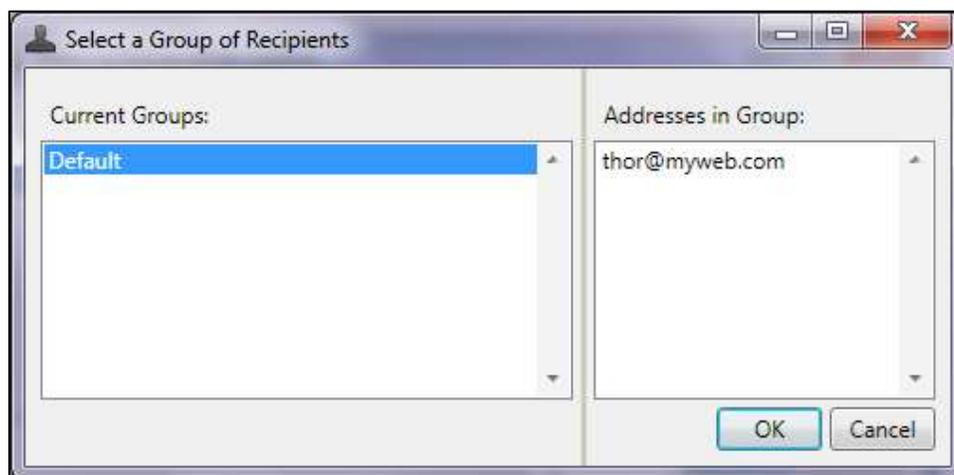
Email Test

IMPORTANT:

The "Email Test" will only be functional once you have configured the Email Addresses, Messages, and Groups. You may have to click "Save" and re-enter the Email Tab of the Configuration window for the "Email Test" button to become functional.



Press the "Email Test" button to send a test email to the configured SMTP mail server. This will help to determine if the email configuration is working properly. After pressing the button, you will see the window below.

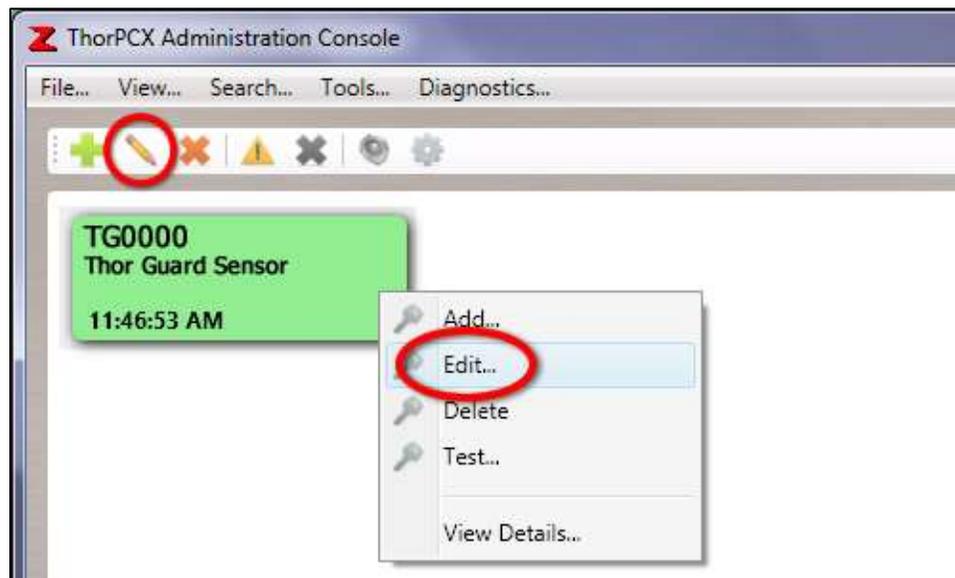


In the window above, select the group to which you would like to send the test email. Then click the "OK" button. An email test will be performed. If you receive an error, then check to ensure that there is not a network, computer or server firewall blocking the outgoing message. Some Anti-Virus programs can block outgoing emails, so try disabling them. Try the test again after turning any Firewall/Anti-Virus software off.

IMPORTANT REMINDER: * If using Gmail as your Mail Server (page 2), you may have to sign into your Gmail account. Click on your picture in the upper right and then click ACCOUNT. On the Account Settings page that loads, scroll down to the Signing In area and change ACCESS FOR LESS SECURE APPS to ALLOWED. This may be necessary to enable ThorPCX Email/Texts to work through Gmail. *****

Section III – Configuring Your Sensor to Use Alerts

Once you have created email groups, addresses, and messages, you can configure your sensor settings to automatically send alert messages to the groups of your choice. To configure your sensor's settings, right-click on the sensor tab in the main console display and choose "Edit" from the menu that appears. You can also left-click the sensor to highlight it and then click the "Edit" icon (Pencil).



On the edit window that appears, go to that sensor's "Email" tab and you will see several options (shown in the image on the next page).

A Warning is issued when the energy is changing in the atmosphere, but it may be passing by. Monitor the DI value.

A Red Alert is issued when the sensor determines that safety has been compromised and a lightning strike may occur soon.

An Emergency Alert is manually sent from the software or received from a Thor Guard system containing the Emergency Notification feature; this is not a lightning-related alert.

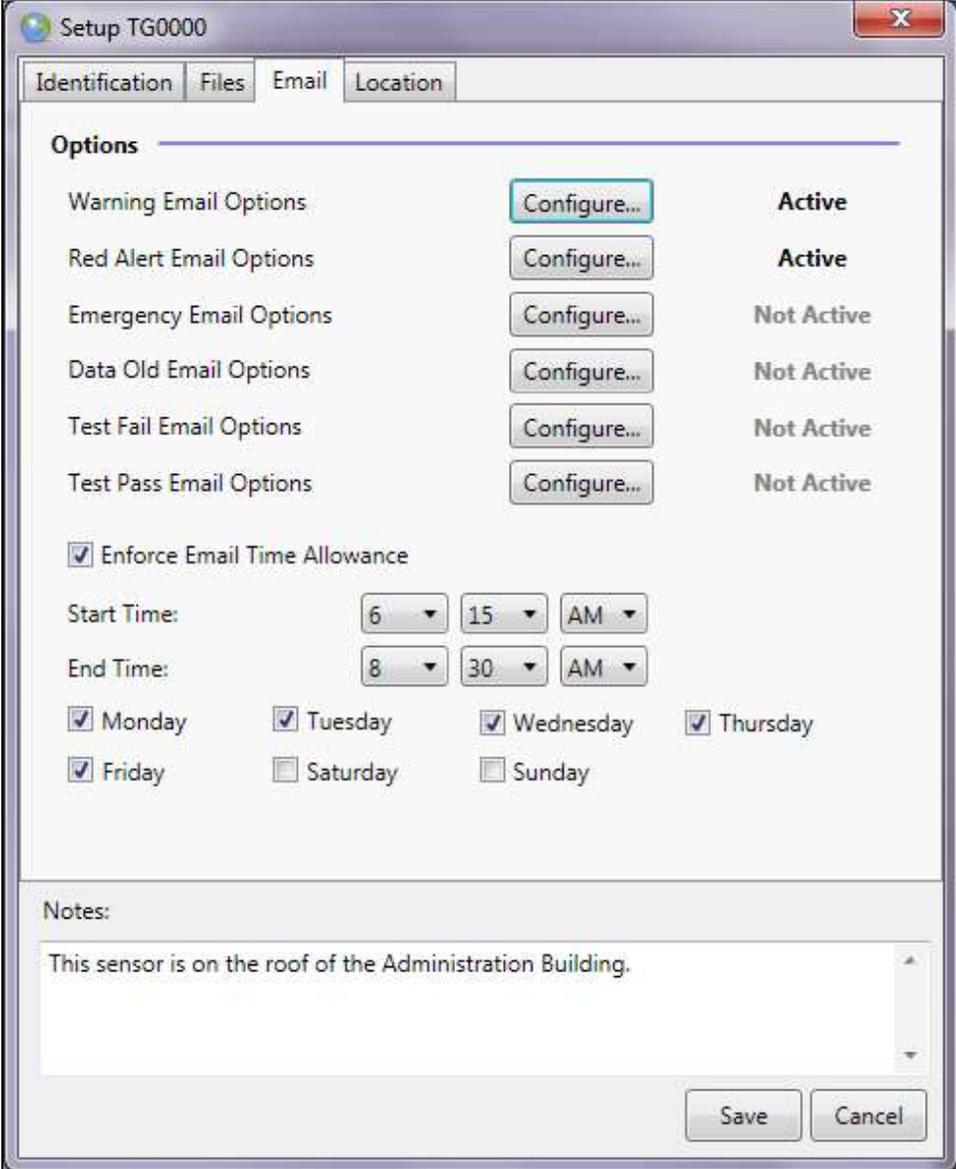
Setting the Data Old alert will send a notification when ThorPCX no longer sees any data reporting from the Thor Guard system.

A Test Fail notification will be sent when the Thor Guard system fails a critical operational test.

A Test Pass notification will be sent each time the Thor Guard system passes its diagnostic test. A test is typically performed each day.

Setting Up Email/Text Alerts

To setup Email Alerts, click the “Configure” button beside the particular alert that you want to configure (see list on previous page). In this window you can also choose what times and days you want to receive emails/text notifications by clicking on the Enforce Email Time Allowance.



Setup TG0000

Identification Files **Email** Location

Options

| | | |
|-------------------------|--------------|------------|
| Warning Email Options | Configure... | Active |
| Red Alert Email Options | Configure... | Active |
| Emergency Email Options | Configure... | Not Active |
| Data Old Email Options | Configure... | Not Active |
| Test Fail Email Options | Configure... | Not Active |
| Test Pass Email Options | Configure... | Not Active |

Enforce Email Time Allowance

Start Time: 6 15 AM

End Time: 8 30 AM

Monday Tuesday Wednesday Thursday
 Friday Saturday Sunday

Notes:
This sensor is on the roof of the Administration Building.

Save Cancel

IMPORTANT: Make sure to click the “Save” button for any new settings or change to your existing settings to take effect.

Enabling/Disabling Alerts

IMPORTANT: You can choose to Enable or Disable alerts. You **must** check the “Notification Enabled?” box to make the alert Active. Uncheck it to deactivate the alert. Next, select the default alert messages and groups as in the window above.

Message on Alert:

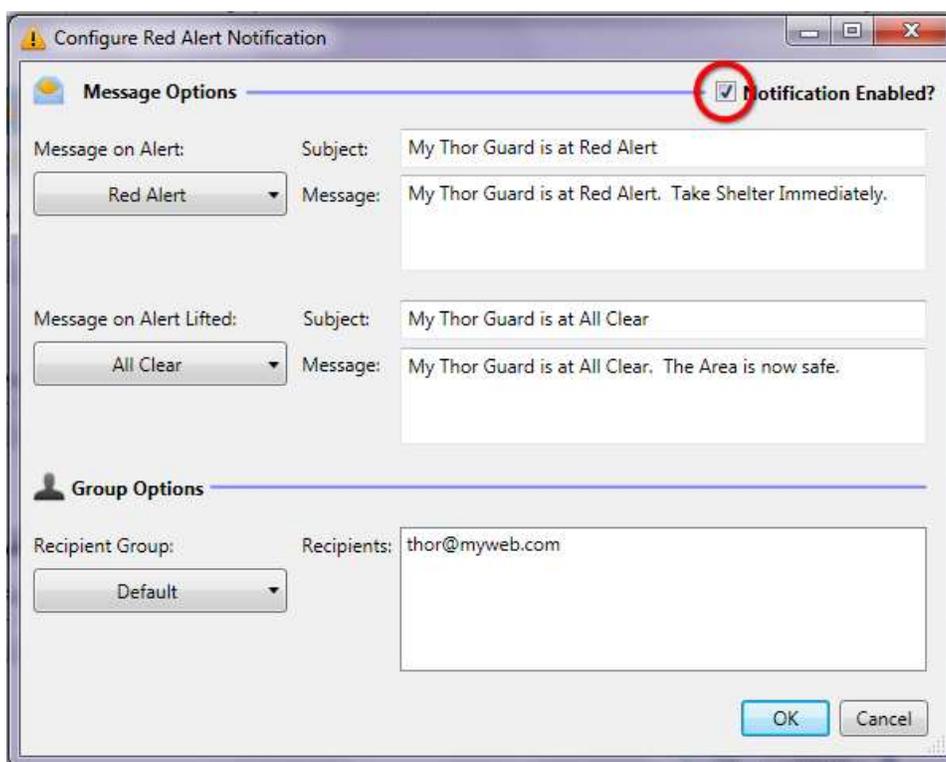
This is the message that will be sent when the specific alert occurs.

Message on Alert Lifted:

This is the message that will be sent when the alert is no longer in effect.

Recipient Group:

This is the group of email addresses that will be sent the above selected alerts.



Configure Red Alert Notification

Notification Enabled?

Message Options

Message on Alert: **Red Alert** Subject: My Thor Guard is at Red Alert
 Message: My Thor Guard is at Red Alert. Take Shelter Immediately.

Message on Alert Lifted: **All Clear** Subject: My Thor Guard is at All Clear
 Message: My Thor Guard is at All Clear. The Area is now safe.

Group Options

Recipient Group: **Default** Recipients: thor@myweb.com

OK Cancel

IMPORTANT: Make sure to click the “OK” button and the “Save” button for any new settings or change to your existing settings to take effect.

You should now be ready to utilize the Email/Text Notifications of ThorPCX. Enjoy and let us know if you have any questions or comments. Thank you for choosing Thor Guard and ThorPCX!