

ecoSYS

Site Supervisor

Setup & Configuration III

Education You Can Build On



Presented By:

(Instructor Name)



Housekeeping

- Smile Card
- No Smoking
- Class Length
- Portable Phones and Beepers
- Rest Rooms
- Fire Safety



Course Reference Materials

- Participant Manual
- *ecoSYS Site Supervisor Controller User Guide*
- *ecoSYS Site Supervisor Quick Setup Guide*

Course Agenda

- Using the Setup Wizard
- Using the Help Menu
- Finding the IP Address of Site Supervisor
- Updating Firmware
- Setting Email & SMS Alarm Alerts
- System Troubleshooting



Using the Setup Wizard

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Using the Setup Wizard

- Initial Setup
- After Initial Setup, go to **Site Map**, then **System Logs**, then **Service Log**, and choose **Cleanout** to get to the Setup Wizard.

Setup Wizard – Step 1: Localization

- Set preferred language under **Language** dropdown option.
- Choose date and time formats with the **Date** and **Time** toggle button option.
- Select Engineering Units parameters under **Engineering Units** section.
- Click **Next** to continue.

Setup Wizard - Step 1 : Localization

Localization

Type: System Language: American English

Date: Format: M-D-YR Date/Time: fwd-slashes

Time: Format: 12-hr Date/Time: colons

ENGINEERING UNITS

Temperature: *F Light: fc Enthalpy: btu/Lb

Elec Current: A Energy: kWh Power: kW

Air Pressure: PSI Gas Volume: Ccf Gas Rate: Ccfh

Air Velocity: feet/min Liquid Volume: Gal(US) Liquid Rate: Gal(US)/Min

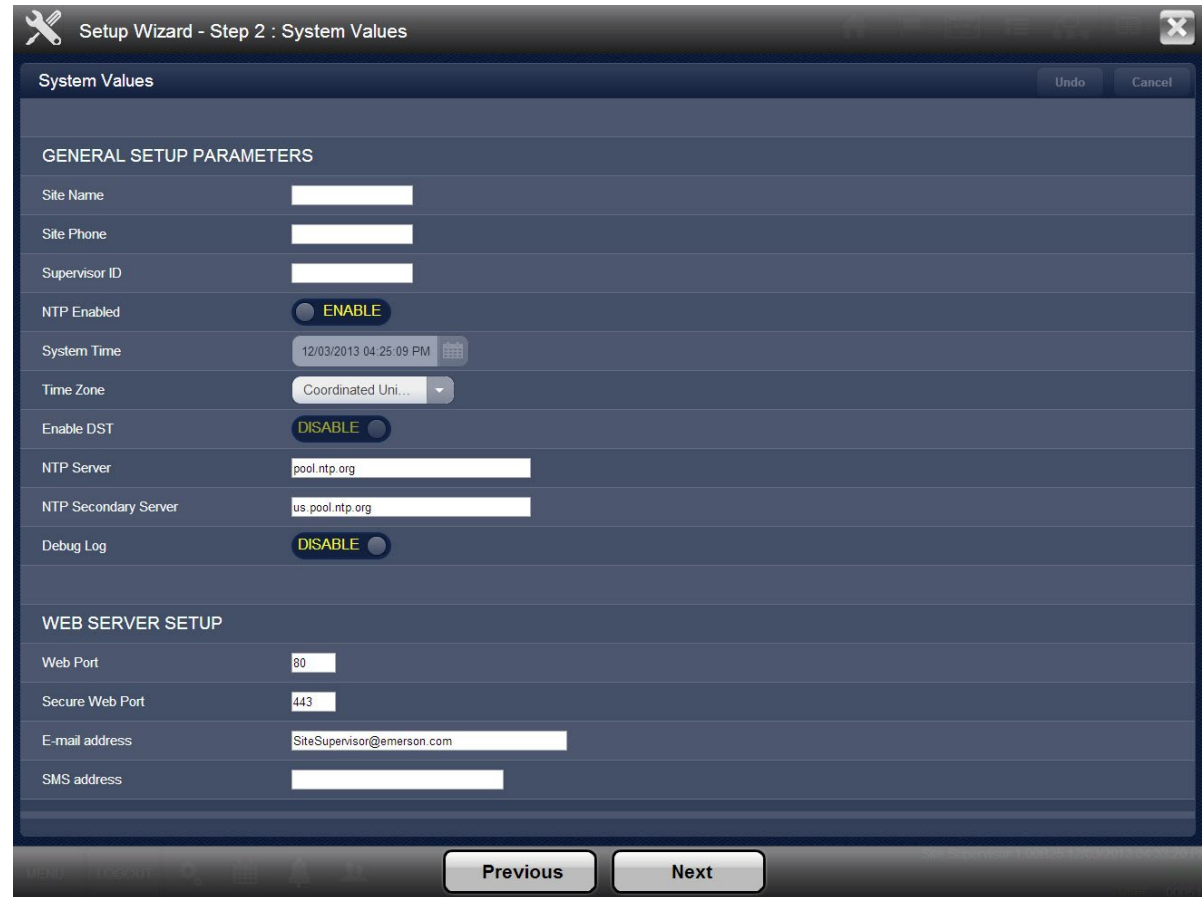
Temp Rate Change: *F/hr

Engineering Units

Previous Next

Setup Wizard – Step 2: System Values

- Set System Values parameters:
 - Site Name
 - Internet Address
 - Serial Port configuration
- Click **Next** to continue



The screenshot shows a configuration window titled "Setup Wizard - Step 2 : System Values". The window is divided into two main sections: "GENERAL SETUP PARAMETERS" and "WEB SERVER SETUP".

GENERAL SETUP PARAMETERS

Site Name	<input type="text"/>
Site Phone	<input type="text"/>
Supervisor ID	<input type="text"/>
NTP Enabled	<input checked="" type="radio"/> ENABLE
System Time	12/03/2013 04:25:09 PM <input type="button" value="Calendar"/>
Time Zone	Coordinated Uni... <input type="button" value="Dropdown"/>
Enable DST	<input checked="" type="radio"/> DISABLE
NTP Server	<input type="text" value="pool.ntp.org"/>
NTP Secondary Server	<input type="text" value="us.pool.ntp.org"/>
Debug Log	<input checked="" type="radio"/> DISABLE


WEB SERVER SETUP

Web Port	<input type="text" value="80"/>
Secure Web Port	<input type="text" value="443"/>
E-mail address	<input type="text" value="SiteSupervisor@emerson.com"/>
SMS address	<input type="text"/>

At the bottom of the window, there are two buttons: "Previous" and "Next".

Setup Wizard – Step 3: Internet Values

- Verify the default values for internet settings. Change parameters if necessary.
- Click **Complete** to save all settings.



The screenshot shows the 'Internet Values' configuration window. At the top right, there are 'Undo' and 'Cancel' buttons. The main area is titled 'INTERNET (TCP/IP)' and contains the following fields:

Field	Value
Host Name	Site Supervisor
Domain Name	
Monitoring Port	3001
DHCP Enabled	DISABLE
IP Address1	10.212.238.107
Subnet Mask1	255.255.240.0
Default Gateway1	10.212.224.1
IP Address2	
Subnet Mask2	
Default Gateway2	
DNS Server 1	8.8.8.8
DNS Server 2	8.8.4.4
MAC Address	00-0A-F6-81-E4-CE

At the bottom of the window, there are two buttons: 'Previous' and 'Complete'.



Using the Help Menu

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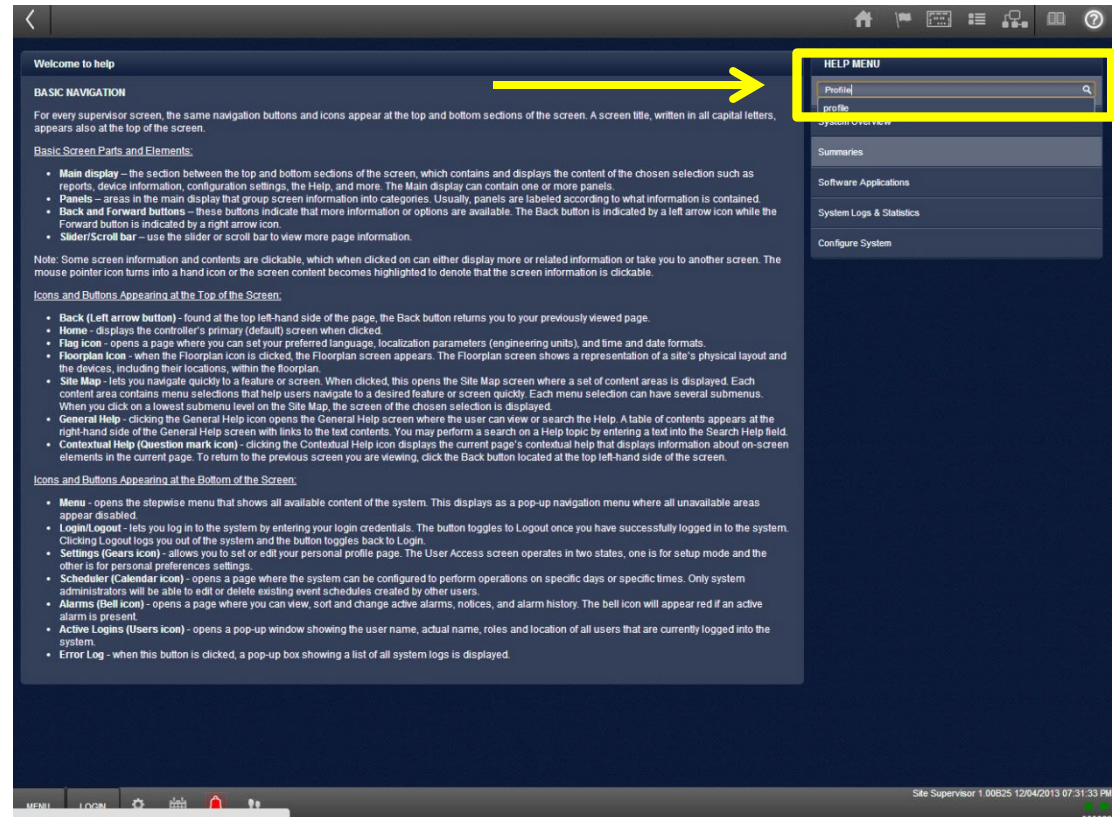
Using the Help Menu

- Login to Site Supervisor Controller and click on the **Help** icon.



Using the Help Menu

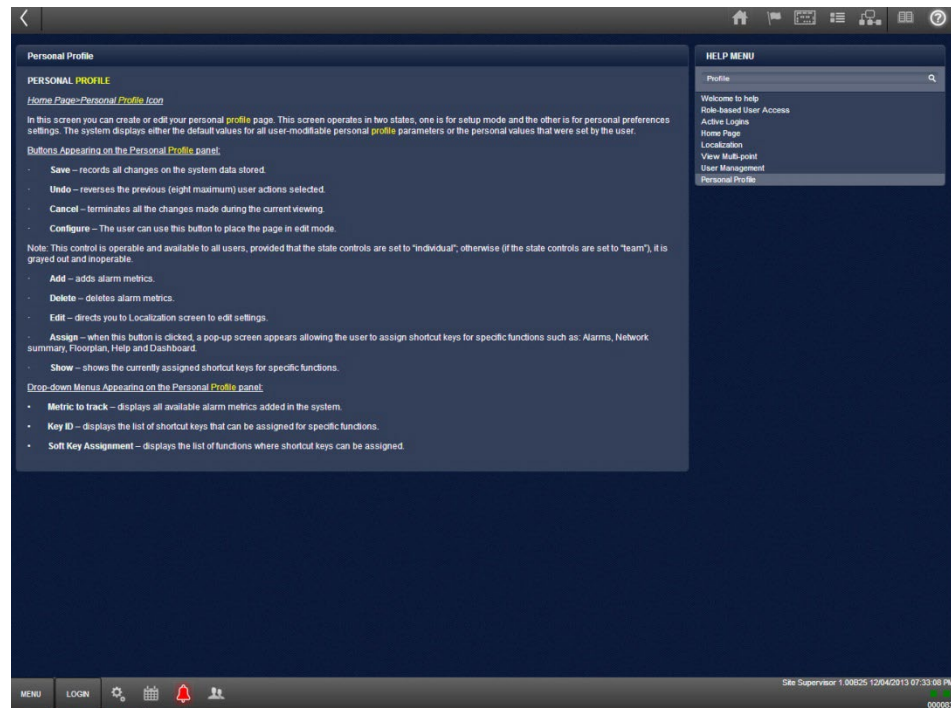
- In the Help menu search box, enter a keyword to search



The screenshot shows a help menu interface. On the right side, there is a vertical sidebar titled "HELP MENU". At the top of this sidebar is a search box containing the text "Profile". A yellow arrow points from the search box to the "HELP MENU" title. Below the search box, the sidebar lists several categories: "System Overview", "Summaries", "Software Applications", "System Logs & Statistics", and "Configure System". The main content area on the left is titled "Welcome to help" and contains sections for "BASIC NAVIGATION", "Basic Screen Parts and Elements", "Icons and Buttons Appearing at the Top of the Screen", and "Icons and Buttons Appearing at the Bottom of the Screen". Each section contains a list of items with brief descriptions. At the bottom of the screen, there is a status bar with the text "Site Supervisor 1.00625 12/04/2013 07:31:33 PM".

Using the Help Menu

- Help menu can also be used while using or programming an application or device.
- Click **Help** to learn more about the current step, application, or device.





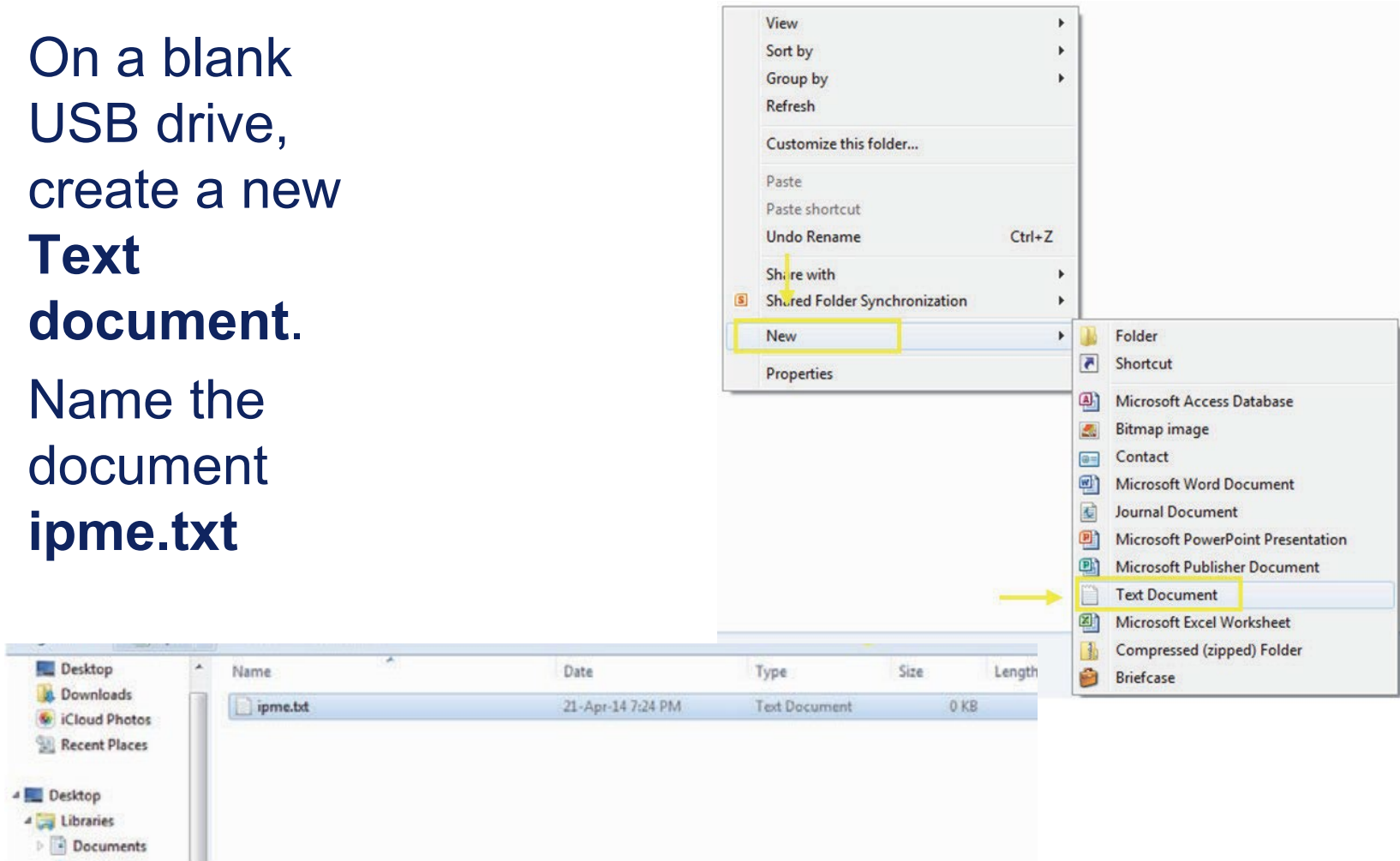
Finding the IP Address of Site Supervisor

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Finding the IP Address of Site Supervisor

- On a blank USB drive, create a new **Text document**.
- Name the document **ipme.txt**



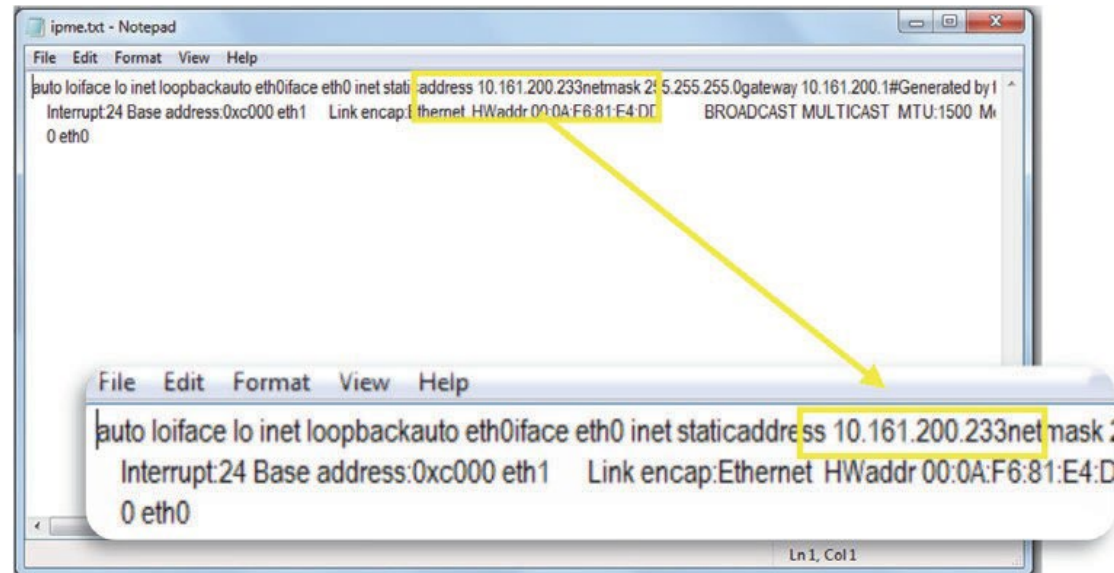
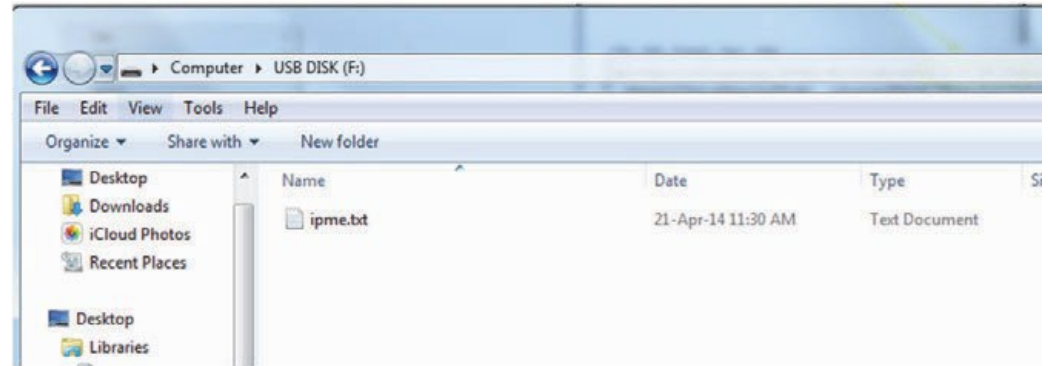


Finding the IP Address of Site Supervisor

- Remove the USB drive from the PC;
power down Site Supervisor;
insert USB drive into Site Supervisor
- Power up Site Supervisor;
green status light will flash during power-on
cycle.
- When the light stops blinking and turns solid,
remove the USB drive.

Finding the IP Address of Site Supervisor

- Insert USB drive into the PC; open the contents of the USB drive
- Open the text document. The IP Address of Site Supervisor is displayed.





Updating Firmware

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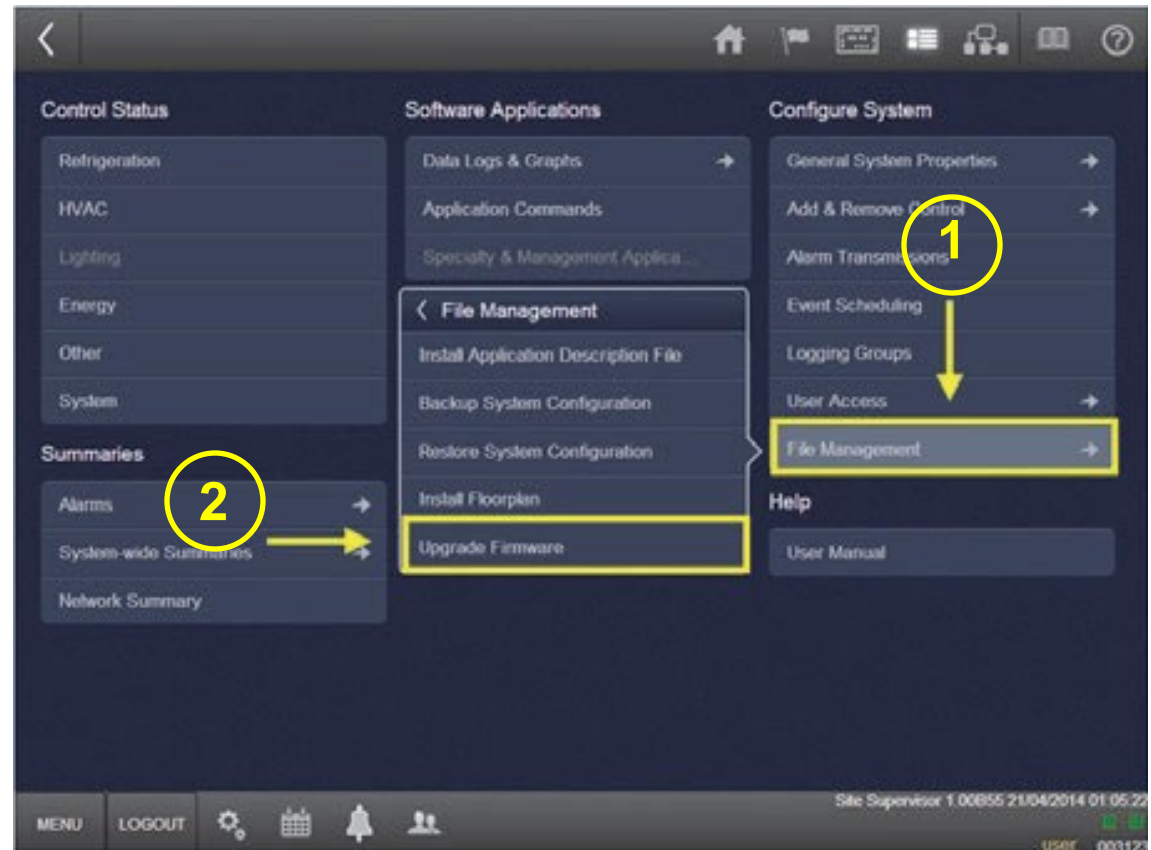
Updating Firmware

- Login to Site Supervisor and go to **Site Map**



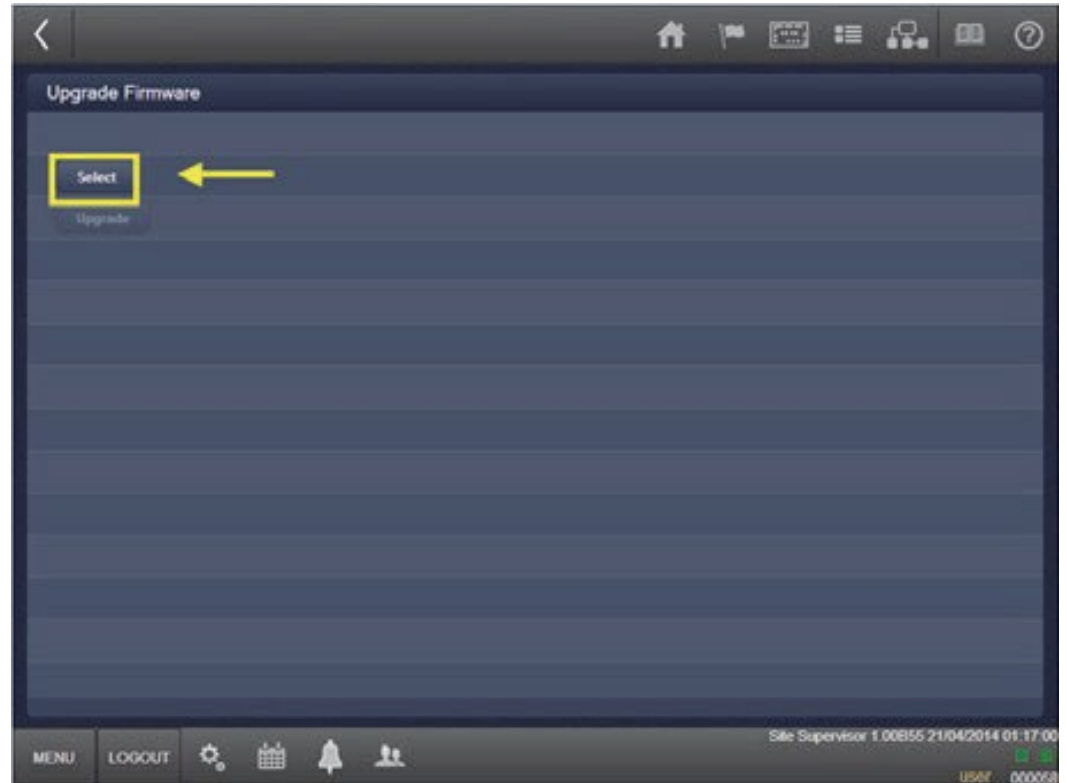
Updating Firmware

- Select **File Management**, then **Update Firmware**



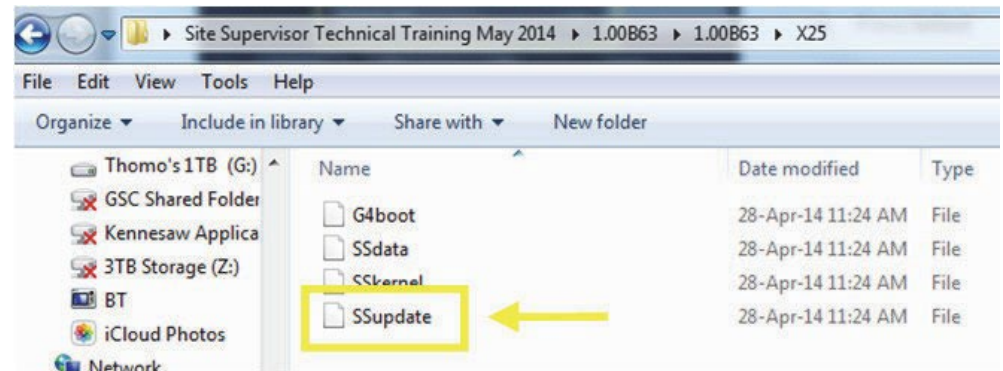
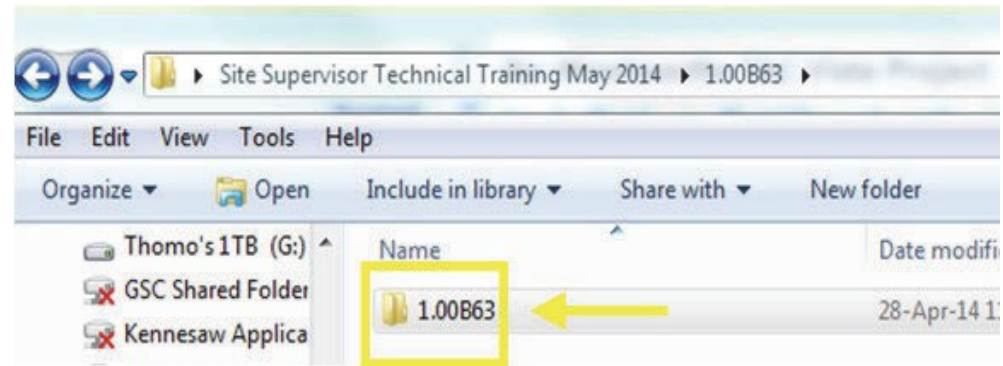
Updating Firmware

- Click **Select**



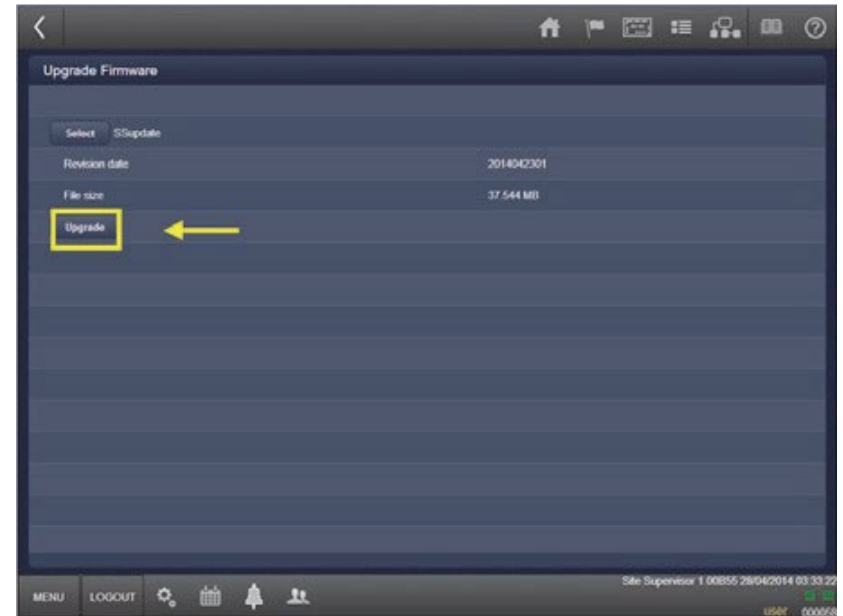
Updating Firmware

- Select the location of the update package folder, then open the folder.
- Select the **SSUpdate** package file.



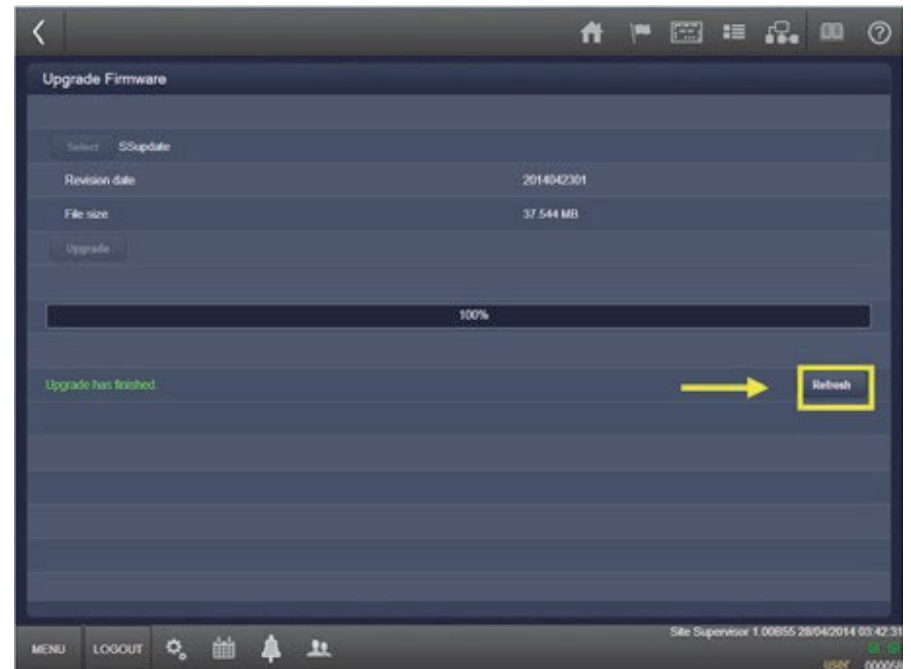
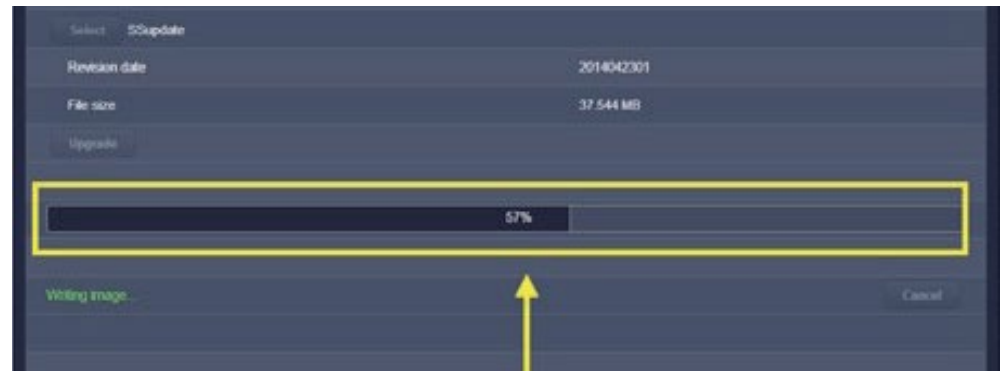
Updating Firmware

- Select the **Update** button.
- In the confirmation window that opens, click on **OK**.



Updating Firmware

- Wait for 100% completion.
- Select the **Refresh** button.



Updating Firmware

- Site Supervisor will return to main screen; current firmware version is displayed on bottom right of the screen.





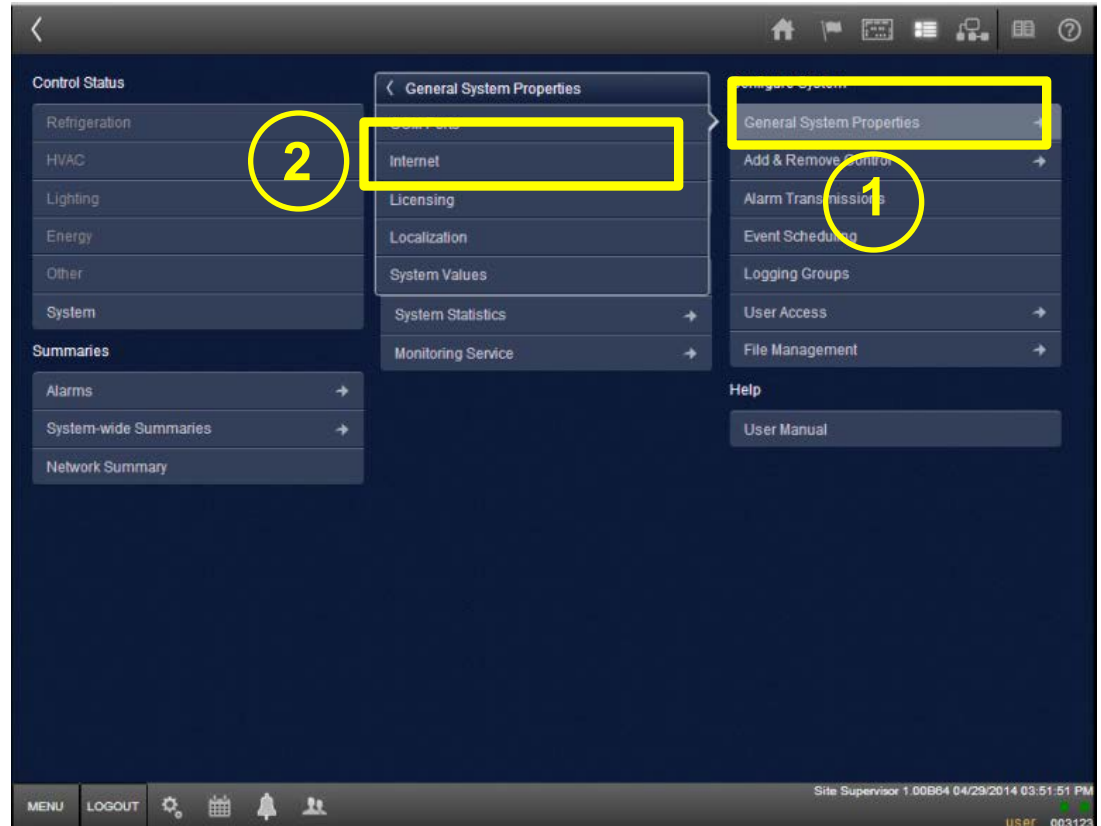
Setting Email & SMS Alarm Alerts

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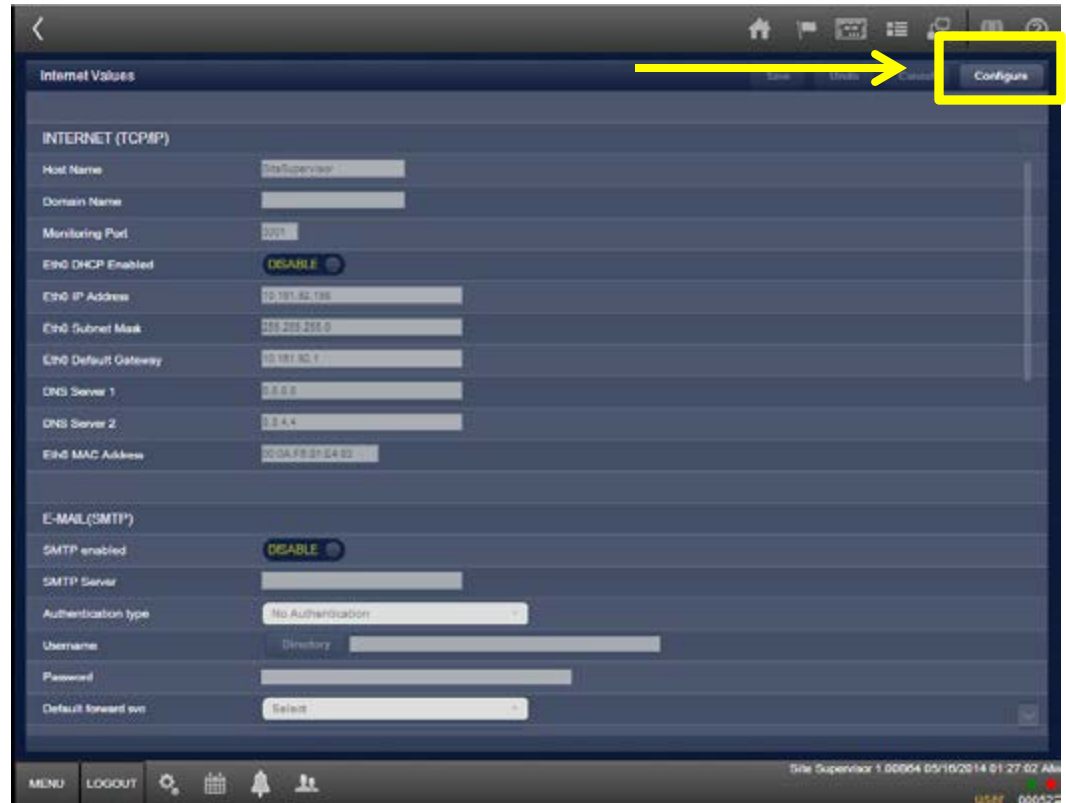
Setting Email & SMS Alarm Alerts

- Login to Site Supervisor and go to **Site Map**
- Choose **General System Properties**, then **Internet**



Setting Email & SMS Alarm Alerts

- Select **Configure**



Setting Email & SMS Alarm Alerts

- First, check to ensure Internet Values are configured
- Scroll down to the **Email (SMTP)** section

The screenshot displays a network configuration interface with two main sections: "INTERNET (TCP/IP)" and "E-MAIL(SMTP)".

INTERNET (TCP/IP) Section:

Host Name	SiteSupervisor
Domain Name	
Monitoring Port	1001
Eth0 DHCP Enabled	DISABLE
Eth0 IP Address	10.101.92.198
Eth0 Subnet Mask	255.255.255.0
Eth0 Default Gateway	10.101.92.1
DNS Server 1	8.8.8.8
DNS Server 2	8.8.4.4
Eth0 MAC Address	00:0A:85:1E:43:53


E-MAIL(SMTP) Section:

SMTP enabled	DISABLE
SMTP Server	
Authentication type	No Authentication
Username	Directory
Password	
Default forward use	Select

The interface includes a top navigation bar with "Save", "Undo", "Cancel", and "Exit Configure" buttons. A bottom status bar shows "MENU", "LOGOUT", and system information: "Site Supervisor 1.0086-1 05/10/2014 01:30:37 AM" and "USER 000522".

Setting Email & SMS Alarm Alerts

- Configure the following for Email alerts:
 - SMTP Enabled – set to **Enabled**
 - SMTP Server
 - Authentication Type
 - Username (Directory button for username or email lookup)
 - Password
 - Default forward svc – set to **Forward through LAN**
 - On error forward svc – set to **Forward through LAN**



The screenshot shows the 'Internet Values' configuration page for 'E-MAIL(SMTP)'. The settings are as follows:

Setting	Value
SMTP enabled	DISABLE
SMTP Server	[Empty text field]
Authentication type	No Authentication
Username	Directory [Empty text field]
Password	[Empty password field]
Default forward svc	Select
On error forward svc	Select
Max retries	0
Retry delay(sec)	00:02:00
Destination test e-mail address	[Empty text field] [Test]

Setting Email & SMS Alarm Alerts

- Max retries
- Retry delay (secs)
- Destination test email



The screenshot shows a mobile application interface for configuring Internet Values. The title is "Internet Values". Under the "E-MAIL(SMTP)" section, the following settings are visible:

- SMTP enabled: A toggle switch currently set to "DISABLE".
- SMTP Server: A text input field.
- Authentication type: A dropdown menu currently set to "No Authentication".
- Username: A text input field with "Directory" as a placeholder.
- Password: A password input field.
- Default forward svr: A dropdown menu currently set to "Select".
- On error forward svr: A dropdown menu currently set to "Select".
- Max retries: A numeric input field currently set to "0".
- Retry delay(secs): A time input field currently set to "00:02:00".
- Destination test e-mail address: A text input field with a "Test" button next to it.

Setting Email & SMS Alarm Alerts

- Configure the following for SMS alerts:
 - SMS enabled – Set to **Enable** to activate text messaging
 - Max retries
 - Retry delay (mins)
 - Test SMS receiver
 - Test SMS text
- Click **Save** to retain changes



Examples of U.S. SMS addresses:

T-Mobile: *phonenumber@tmomail.net*

Virgin Mobile: *phonenumber@vmobl.com*

Cingular: *phonenumber@cingularme.com*

Sprint: *phonenumber@messaging.sprintpcs.com*

Verizon: *phonenumber@vtext.com*

Nextel: *phonenumber@messaging.nextel.com*

Setting Email & SMS Alarm Alerts

- Go to **Site Map**; choose **General System Properties**, then **System Values**
- Click on **Configure**

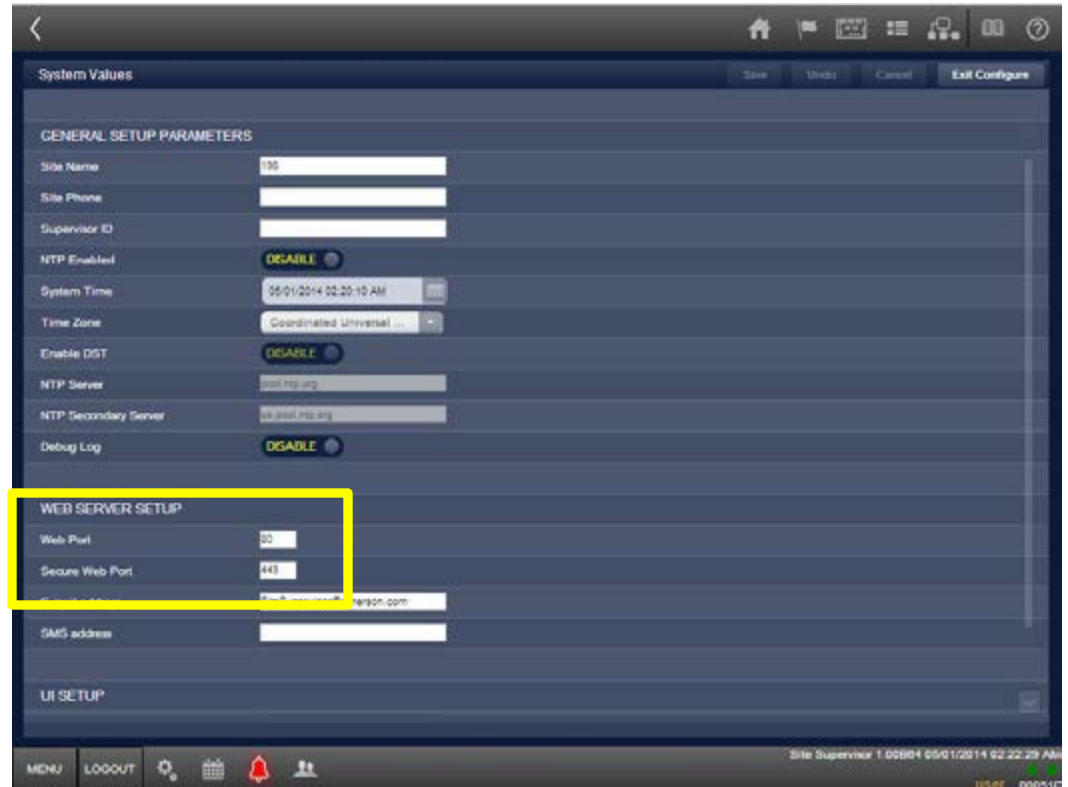
The screenshot shows a mobile application interface for configuring system values. The page is titled "System Values" and has a dark blue background. At the top right, there are navigation icons and a "Configure" button highlighted with a yellow box. The main content is organized into three sections:

- GENERAL SETUP PARAMETERS:** Includes fields for Site Name, Site Phone, Supervisor ID, NTP Enabled (toggle), System Time (06/05/2014 02:20:10 AM), Time Zone (Coordinated Universal ...), Enable DST (toggle), NTP Server (pool.ntp.org), NTP Secondary Server (ia.pool.ntp.org), and Debug Log (toggle).
- WEB SERVER SETUP:** Includes fields for Web Port (80), Secure Web Port (443), E-mail address (SiteSupervisor@emerson.com), and SMS address.
- UI SETUP:** This section is partially visible at the bottom.

At the bottom of the screen, there is a navigation bar with icons for MENU, LOGOUT, settings, calendar, notifications, and user profile. The status bar at the very bottom shows "Site Supervisor 1 00504 05/01/2014 02:20:35 AM" and "user 000510".

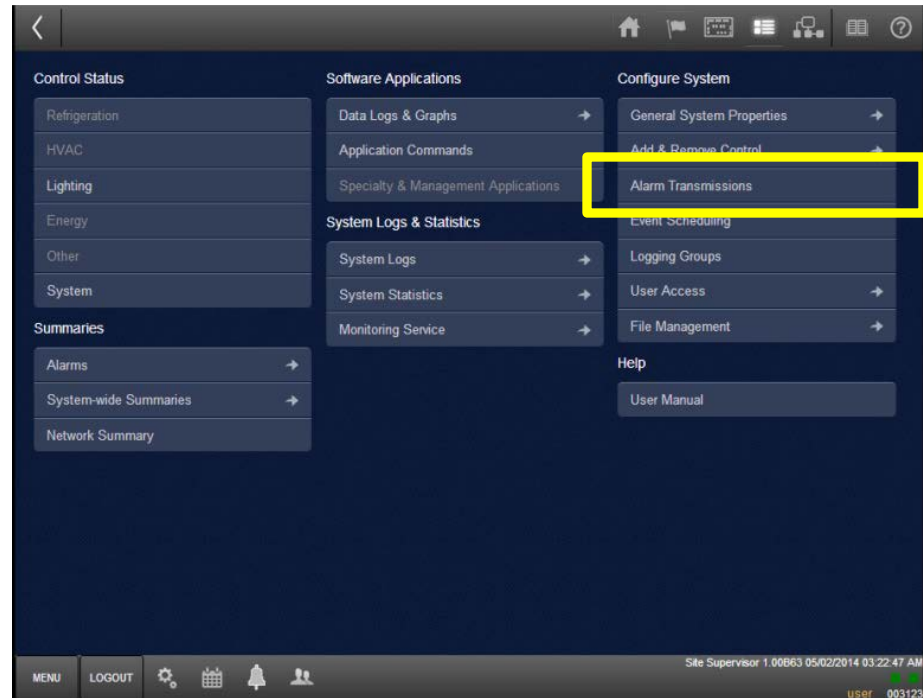
Setting Email & SMS Alarm Alerts

- Verify web port 80 and secure web port 443 are open. If you have a different port, the defaults will need to be changed.
- After making any changes, click **Save** then exit to return to the **Home** screen.



Setting Email & SMS Alarm Alerts

- Go to the **Site Map**, then choose **Alarm Transmissions**



Setting Email & SMS Alarm Alerts

- Select **Configure**
- *Role-based user access should already be set up by this point.*

Alarm Transmissions

Name

ACTION	CUR VALUE	NEW VALUE
Category	Any	Any
Alarm Type	Any	Any
Relay 1 (Audio)	Not enabled	Not enabled
Relay 2 (Visual)	Not enabled	Not enabled
Relay 3 (3rd Party A)	Not enabled	Not enabled
Relay 4 (3rd Party B)	Not enabled	Not enabled
Resolution	Any	Any
Schedule	None	Select

APPLICATION OUTPUT TARGET PROPERTY

New User Add / Restore Entry RECIPIENTS E-MAIL SMS

Site Supervisor 1.00863 05/02/2014 03:24:28 AM USER 005242

Setting Email & SMS Alarm Alerts

- Select a Name
- Set the **Category** and **Alarm type**

The screenshot shows the 'Alarm Transmissions' configuration window. The 'Name' field is highlighted with a yellow box and contains the text 'All Critical Alarms'. Below this, the 'Alarm Type' dropdown menu is open, showing a list of options: 'Any', 'Critical Alarm', 'Non-critical Alarm', and 'Notice'. The 'Critical Alarm' option is selected and highlighted with a yellow box. A yellow circle with the number '1' is placed over the 'Alarm Type' dropdown, and a yellow circle with the number '2' is placed over the 'Critical Alarm' option. A yellow arrow points from the '2' circle to the 'Critical Alarm' option. The interface also includes fields for 'Category', 'Relay 1 (Audio)', 'Relay 2 (Visual)', 'Relay 3 (3rd Party A)', 'Relay 4 (3rd Party B)', 'Resolution', and 'Schedule'. At the bottom, there are buttons for 'New', 'Add', 'RECIPIENTS', 'E-MAIL', 'SMS', and 'REMOVE'. The status bar at the bottom right shows 'Site Supervisor 1.00025 12/06/2013 11:36:12 AM'.

Setting Email & SMS Alarm Alerts

- In the Recipients area, select **Add**.
- A dialog box will appear. Select a recipient.

The screenshot displays the 'Alarm Transmissions' configuration window. At the bottom, the 'Add' button in the 'RECIPIENTS' section is highlighted with a yellow box and labeled '1'. An arrow points from this button to a 'Recipients' dialog box, which is also highlighted with a yellow box and labeled '2'. The dialog box contains a table with the following data:

Recipient	E-mail	SMS	Language
nelly			American English
SSMITH	ssmuth.smith@emerson.com	772667702@6st.att.net	American English
user	user@emerson.com	404-555-0177	American English

The dialog box also includes 'OK' and 'Cancel' buttons. The background interface shows various configuration options for alarm transmissions, including Category, Alarm Type, Relay settings, and Application Output.

Setting Email & SMS Alarm Alerts

- Check **Email**, **SMS** or both for transmission of the alert.
- Select **Save** to retain changes.

The screenshot displays the 'Alarm Transmissions' configuration screen. At the top right, there are buttons for 'Save', 'Cancel', and 'Exit Configure'. A yellow box labeled '2' highlights the 'Save' button, with an arrow pointing to it. Below this is a form for configuring alarm actions. The form has columns for 'ACTION', 'CUR VALUE', and 'NEW VALUE'. The actions listed are Category, Alarm Type, Relay 1 (Audio), Relay 2 (Visual), Relay 3 (3rd Party A), Relay 4 (3rd Party B), Resolution, and Schedule. Below the form is the 'APPLICATION OUTPUT' section with 'TARGET' and 'PROPERTY' dropdowns. At the bottom, there is a 'RECIPIENTS' section with 'New' and 'Add' buttons. A recipient named 'SMITH' is listed. A yellow box labeled '1' highlights the 'E-MAIL' and 'SMS' checkboxes in the recipient's configuration, with an arrow pointing to them. The 'SMS' checkbox is checked. At the bottom of the screen, there is a status bar with 'MENU', 'LOGOUT', and system information including 'Site Supervisor 1 00825 12062013 01:52:06 PM' and 'user 00524'.

ACTION	CUR VALUE	NEW VALUE
Category	Any	Any
Alarm Type	Any	Non-critical Alarm
Relay 1 (Audio)	Not enabled	Not enabled
Relay 2 (Visual)	Not enabled	Not enabled
Relay 3 (3rd Party A)	Not enabled	Not enabled
Relay 4 (3rd Party B)	Not enabled	Not enabled
Resolution	Any	Any
Schedule	None	Select

APPLICATION OUTPUT
TARGET: Select PROPERTY: Select

RECIPIENTS
New Add
SMITH
E-MAIL SMS REMOVE

System Troubleshooting

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System Troubleshooting

- Need content

Questions?

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