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**SiteSentinel**  
**iSite**

INTEGRATED MONITORING SYSTEM

*Configuration Manual*

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**When first booting up the SiteSentinel® iSite™ system, the default user will automatically be logged in. From this login the user will be able to view the Home screen and change that user’s preferences. To change any other settings the user must login as the administrator to begin.**

**The following steps will be required to have a site functioning.**

### Login

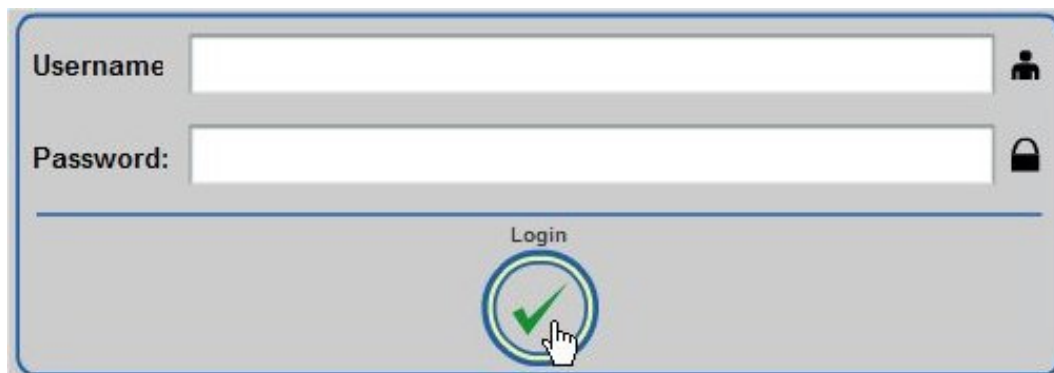
The login screen will allow users to login to the system and make changes or view information based on their security access level. The default administrator login has full rights to the system.

The Default User name is Administrator for all systems.  
The default Password is \*.

**Note:** It is suggested that users change the default administrator password after the system is initially setup.

**Note:** To access the login screen, users must first logout of the default user and login using the administrator login.

**Note:** All configurations can be completed by using the touchscreen keyboard. To access this keyboard, users press the Keyboard button to activate the keyboard.



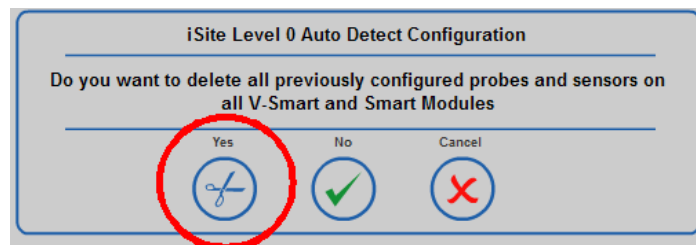
## Module Detection (VSmart, Smart, OM4)

Module Detection will allow users to go out and find each module that is connected to the system including: VSmart Modules, Smart Modules and OM4 Modules. By auto-detecting the console, the system will search for these devices and display them on the screen.

1. Press Settings button to enter the Settings menu.
2. Press the Probes/Sensor button to enter the Probe/Sensor Configuration.
3. Press the Auto Detect button.
4. Press the Console icon to find all of the components connected to the system. This will perform what is considered a Level 0 Auto Detection and find all modules connected to the system.
- 5a. Press Yes if this is a new system and you want to find all modules.

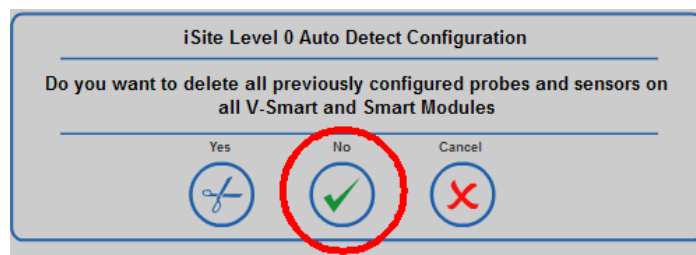
**Note:** When the system is powered up for the first time there is no data to be lost, so answer Yes on new installations.

**Note:** Pressing Yes will delete all current configurations and find all devices.



- 5b. Press No if you are adding a module to the system.

**Note:** Pressing No will not overwrite any configuration and will just find new modules.



To detect the devices connected to the modules:

1. Press Auto Detect
2. Press VSmart Module
3. Answer Yes to prompt in order to find all the devices connected to the system.

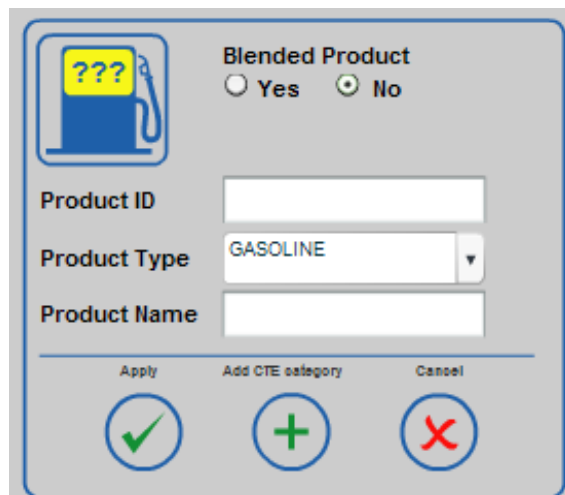
## Products

This allows users to set up all of the products that are at the site. They will be able to add blended and non-blended products, as well as other fuel types.

**Note:** Products must be set up in the system prior to configuring any tanks/probes.

1. Press Settings button
2. Press Products button
3. Press Add button at the bottom middle of the screen to add new products

### To Add A Product Type



This allows users to add additional product types to the system other than the defaults:

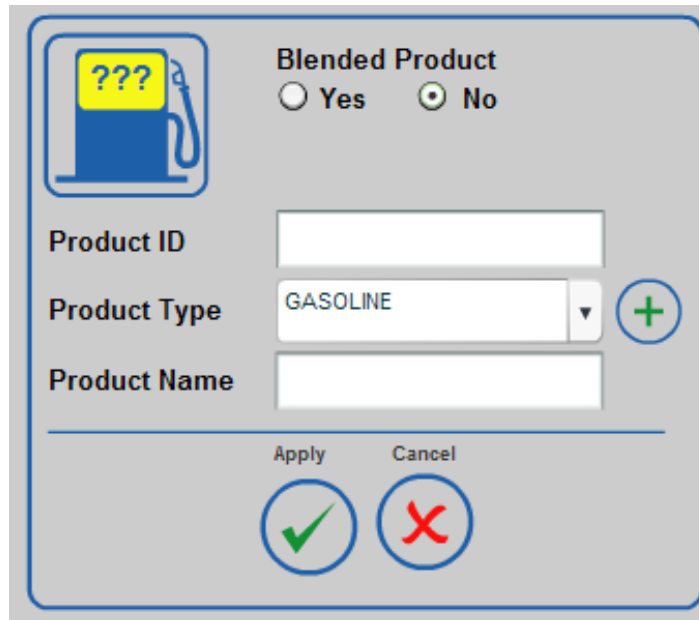
1. Press Add Product
2. Press Add button to the right of the product type
3. Enter Product ID
4. Enter Product Type Name
5. Choose whether or not it is a diesel product
6. Press Apply

#### Example:

Product ID: 1  
Product Type Name: Red Diesel  
Diesel: No

Press Cancel to return to the Add Product screen.

## To Add A Non-Blended Product



Blended Product  
 Yes  No

Product ID

Product Type

Product Name

Apply  Cancel

Select No to blended product:

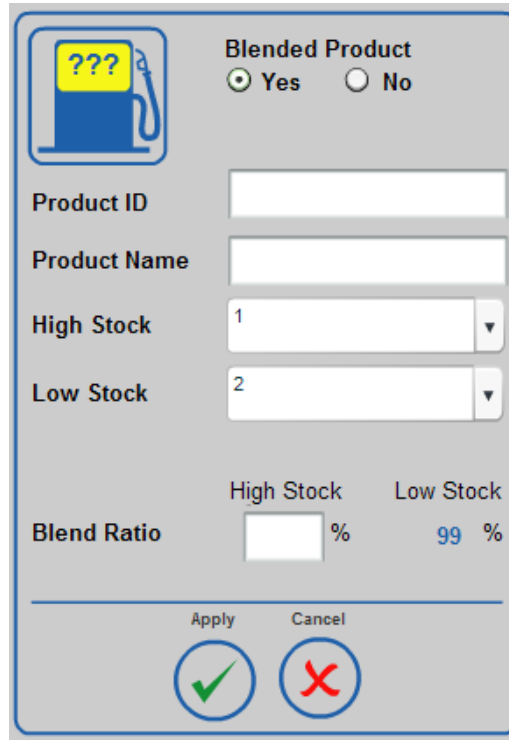
1. **Enter Product ID** - This identifies the product by number reference.
2. **Select Product Type** - This is the type of product (Diesel, Gasoline, Oil).
3. **Enter Product Name** - A user-defined entry to identify the product (Unleaded).

Press Apply to add the product to the product list.

Repeat these steps for each additional non-blended product.

## Blended Product

Blended Product is a product that is created by blending two products together to create another product.



The image shows a 'Blended Product' configuration window. At the top left is a fuel pump icon with '???' on the nozzle. To its right is the title 'Blended Product' and two radio buttons: 'Yes' (selected) and 'No'. Below this are four input fields: 'Product ID', 'Product Name', 'High Stock' (with a dropdown menu showing '1'), and 'Low Stock' (with a dropdown menu showing '2'). At the bottom, there is a 'Blend Ratio' section with a text input field followed by a '%' sign, and two labels 'High Stock' and 'Low Stock' with '99 %' next to them. At the very bottom are two circular buttons: 'Apply' with a green checkmark and 'Cancel' with a red X.

To add a blended product you must add two non-blended products of the same product type for a High Stock and Low Stock fuel.

1. Select Yes to Blended Product at the top of the Product screen; this will bring up the Blended Product Setup.
2. Enter Product ID - This identifies the product by number reference.
3. Enter Product Name - A user-defined entry to identify the product (Mid-Grade).
4. Select High Stock fuel - The higher-octane fuel type (Premium).
5. Select Low Stock fuel - The lower-octane fuel type (Unleaded).
6. Set Blend Ratio for the blended product – The percentage of each fuel that is being used.

### Example:

Product ID: 2

Product Name: Mid-Grade

High Stock: Premium

Low Stock: Unleaded

Blend Ratio: High Stock 60%

## Device Setup (Probes & Sensors)

Allows users to detect all of the devices connected to the modules, this includes probes and sensors.

**Note:** The auto-detect process cannot be performed on a Smart Module or non-Smart sensors. The auto-detection process can only be performed on VSmart Modules with Smart sensors, Model 924 probes and AST Flex Probes.


1. Press Settings
2. Press Probes/Sensors
3. Press Auto Detect
4. Press VSmart Module
5. Answer Yes to find and identify all devices connected to the VSmart
6. Press VSmart Module

To configure a single probe, click on Individual Probe.

To configure multi-dropped probes, click on channel with Multi-Dropped Probes.

Press Individual Probe.

On In-Tank Probe screen:

<b>1</b> 	Tank #	<input type="text" value="1"/>
	Name	<input type="text" value="4K Unleaded"/>
	Product	<input type="text" value="Unleaded"/>
	Tank Shape	<input type="text" value="CYL - Round Ends"/>
	Tank Diameter	<input type="text" value="72"/> in
	Capacity	<input type="text" value="4000"/> gal
	Safe Working	<input type="text" value="3900"/> gal
	Product Offset	<input type="text" value="-0.8"/> in
	Water Float	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Disable
	Water Offset	<input type="text" value="0"/> in
Active During Delivery	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>Integrated Density Sensor</b>		
A	<input type="text" value="-164.7688"/>	
B	<input type="text" value="2318.149"/>	
Density Probe	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>Density Information</b>		
Density / API	<input type="text" value="738.1"/> kg/m <sup>3</sup>	
@ Temp	<input type="text" value="60"/> °F	
Density Tolerance:	<input type="text" value="10"/> %	
Delivery Timer	<input type="text" value="10"/> min.	
<b>ACR Configuration</b>		
Tank Mode	<input type="radio"/> Standard <input checked="" type="radio"/> ACR	
Evaporation Factor:	<input type="text" value="0.17"/> %	
<b>Look Tank</b> <input type="button" value="Look Tank"/>		
<b>Apply</b> <input type="button" value="Apply"/> <b>Delete</b> <input type="button" value="Delete"/> <b>Cancel</b> <input type="button" value="Cancel"/>		
<input type="button" value="Verify Density Device Values"/> <input type="button" value="Probe Diagnostics"/>		

## Device Setup (Probes & Sensors) (cont.)

7. Enter Tank ID - Numerical value identifying the tank
8. Enter Name - Alphanumeric entry used to identify the tank
9. Select Product - Product type in the tank
10. Select Tank Shape - Shape of the tank
11. Enter Tank Diameter - Diameter of the tank
12. Enter Dished-End Radius (if applicable) - Radius of the cylindrical ends of a cylindrical tank
13. Enter Capacity - Overall capacity of the tank
14. Safe Working Capacity - Automatically calculated to 95% of tank capacity and is generally used as an overfill level
15. Enter Product Offset - Numerical value used to accommodate for float difference
16. Select whether or not there is a water float
17. Select Water Float Offset (if applicable) - Used to accommodate for float difference in bottom of tank
18. Select whether or not the water float should be active during delivery
19. Enter Density Sensor Calibration factors (if applicable)
20. Select whether or not it has a density probe
21. Enter Product Density - Density of the product compared to water
22. Enter Product Temperature for Density - Temperature at which the product is at the indicated density
23. Enter Density Tolerance (if applicable)
24. Enter Delivery Timer
25. Choose Tank Mode (ACR is used when the reconciliation module is in use)
26. Enter Evaporation Factor (only used when ACR tank mode is selected)
27. Press Apply to save the tank settings

## To Configure an AST Flex Probe or EECO Probe

1. Enter Tank ID - Numerical value identifying the tank
  2. Enter Name - Alphanumeric entry used to identify the tank
  3. Select Product - Product type in the tank
  4. Select Tank Shape - Shape of the tank
  5. Enter Tank Height - Height of the tank
  6. Enter Capacity - Overall capacity of the tank
  7. Enter Safe Working Capacity - automatically calculated at 95% of tank capacity
  8. Enter Product Offset - Numerical value used to accommodate for float difference
  9. Select whether or not there is a water float (if applicable)
  10. Select Water Float Offset (if applicable) - Used to accommodate for float difference in bottom of tank
  11. Select whether or not the water float should be active during delivery
  12. Enter Product Density - Density of the product compared to water
  13. Enter Product Temperature for Density - Temperature at which the product is at the indicated density
  14. Enter Delivery Timer - Amount of time the user would like the system to wait after the delivery end threshold is met.
  15. Enter Catalog Number - Number pulled off of the yellow tag on flex probe to identify the probe classification. For EECO probe this will be the model number.
  16. Enter the Wire Speed - Pulled from the yellow tag on the flex probe or the label on the EECO probe to identify the amount of time it takes the signal to travel to the end of the probe and back.
  17. Enter the Serial Number- Number pulled off of the yellow tag of the flex probe or the label of the EECO probe to identify the probe.
  28. Select Tank Mode - Choice of whether or not the tank is going to be used with ACR or as a standard tank.
  29. Enter Evaporation Factor - Only used when ACR tank mode is selected
- Note:** Water float selections will only be available once catalog number of a probe reflecting 2 floats is entered.

The screenshot displays a configuration window for a probe. It is divided into several sections:

- Tank Information:** Includes fields for Tank # (30), Name (VAL SYN10/30), Product (VA SYN 10/30), Tank Shape (radio buttons for Horizontal and Vertical, with Vertical selected), Tank Height (181 in), Capacity (4010 gal), Safe Working (3900 gal), and Product Offset (+8.8 in).
- Density Information:** Includes Density / API (23), @ Temp (80 °F), CTE (0.0004045), and Delivery Timer (0 min).
- Flex Probe Information:** Includes Catalog # (7100V169R1XF1L189), Wire Speed (8.777999999999999 uS \ In.), and Serial # (122080A011408).
- ACR Configuration:** Includes Tank Mode (radio buttons for Standard and ACR, with Standard selected) and Evaporation Factor (0 %).
- Water Float:** Radio buttons for Yes, No (selected), and Disable.
- Active During Delivery:** Radio buttons for Yes and No (selected).
- Buttons:** Apply, Delete, and Cancel buttons are at the bottom, along with a Probe Diagnostics button.

## Tank Thresholds

**Tank Thresholds**

Tank Number: 3

Tank Name: mid grade

Product Name: mid grade

Safe Working Capacity: 19000 gal

Delivery Start Threshold: 25.42 gal

Delivery End Threshold: 0 gal

Always Show Net Volume: No

High-High Product: 114 in

High Product: 108 in

Low Product: 18 in

Low-Low Product: 12 in

High-High Water: 3 in

High Water: 1.5 in

High Temperature: 32 °F

Low Temperature: 32 °F

Apply

This screen allows users to determine the level at which they want an alarm condition to occur based on the volume of the product or the height of the product.

1. Press Thresholds button to enter the Thresholds screen
2. Enter Delivery Start Threshold - Amount of gallons added per minute to be referenced the start of a delivery
3. Enter Delivery End Threshold - Amount of gallons added per minute to reference the end of the delivery. This value is normally 0.
4. Enter Stable Delivery Time - Amount of time the product needs to be stable before delivery ends
5. Select whether or not to show net volume
6. For High-High Product - Check box to activate threshold
  - a. Select by Height or by Volume
  - b. Enter value for threshold
7. For High Product - Check box to activate threshold
  - a. Select by Height or by Volume
  - b. Enter value for threshold
8. For Low Product - Check box to activate threshold
  - a. Select by Height or by Volume
  - b. Enter value for threshold
9. For Low-Low Product - Check box to activate threshold
  - a. Select by Height or by Volume
  - b. Enter value for threshold
10. For High-High Water - Check box to activate threshold
  - a. Select by Height or by Volume
  - b. Enter value for threshold
11. For High Water - Check box to activate threshold
  - a. Select by Height or by Volume
  - b. Enter value for threshold

12. Enter High Temperature – Temperature at which the heater on a tank turns off
13. Enter Low Temperature – Temperature at which the heater on a tank turns on

### Tank Correction Table

This allows users to adjust the measurement to volume conversion based on a tank chart. This is used if there are dents in the tank or if the tank is an abnormal shape.

**Note:** Correction entries do not have to be put in sequential order. The SiteSentinel® iSite™ system will organize the entries in sequential order.

Press Correction.

The screenshot displays a software interface for adding correction points to a tank chart. On the left, there are two input fields: 'Height: [ ] cm' and 'Volume: [ ] l'. Below these fields is an 'Add' button. To the right is a table with two columns, 'Height' and 'Volume'. Above the table, the units 'Product Height: cm' and 'Volume: l' are indicated. At the bottom right of the table area is a 'Remove' button.

1. Enter Height in inches
2. Enter Volume in gallons
3. Press Add

Repeat steps to add each correction point.

Press Apply to save the table.

To Import a Tank Chart:

1. Press Import
2. Select File to Import
3. Press Open to Import File
4. Press Apply to Save table

## Tank Strapping Table

This is used to determine the volume of the tank at certain inch-heights based on a generic tank chart. Once a tank chart is entered in the correction table this table will reference those points.

Press Tank Strapping.

Tank Number: 1	Product Height (in) cm	Volume (l)
Tank Name: 1	0	0
Product Name: 1	1	208.333
	2	416.666
	3	625
	4	833.333
	5	1041.666
	6	1250
	7	1458.333
	8	1666.666
	9	1875
	10	2083.333
	11	2291.666

Start: 0	Step: 1
Stop: 35	Points Count: 35
Show Points	

1. Enter Starting point in inches
2. Enter Stopping point in inches
3. Enter the Step measurement in inches
4. Press Enter to show the Strapping Table

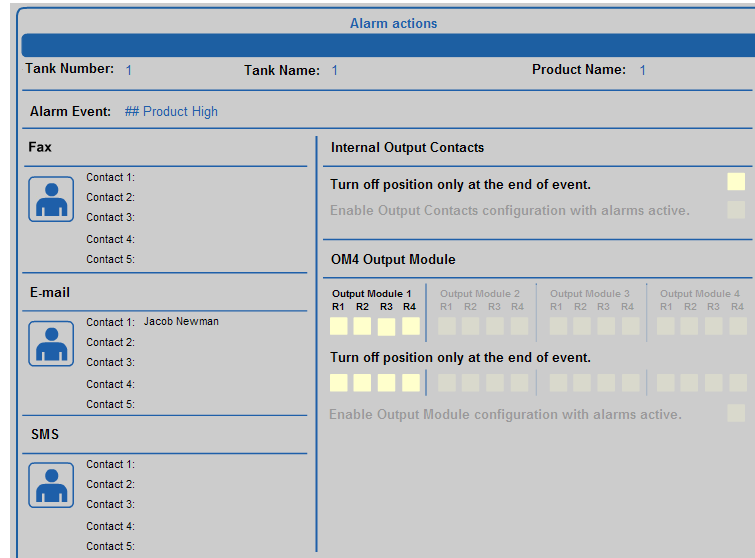
## Alarm Actions

This allows users to determine the actions taken when the alarm-condition level occurs based on the Thresholds screen. Each tank is set up individually in this chart.

**Note:** If using email, fax or SMS, users must set up options in the Address Book prior to establishing Alarm Actions. See Email & SMS section for information on how to set up these options. See Address Book section for information on how to set up contacts.

Alarm actions										
Tank Number: 3			Tank Name: mid grade			Product Name: mid grade				
	Audible Alarm	Visual Alarm	Print on Event	Internal Output Contacts	Fax	Alarm Notification	Alarm Notification	Alarm Notification	Notification Settings	Escalate Alarm
			Start	End	1	2	E-mail	Sms	On-Site Output Module	
Product High-High	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product High	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product Low-Low	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product Low	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water High-High	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water High	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Probe Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fail RTD/Thermistor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery start/Finish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
InTank Leak Test Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
InTank Test Warning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dens. Variation Warn.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Theft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High Temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Low Temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Setup of the tank#



1. Press Settings
2. Press Alarm Actions
3. Select Tank at top of screen
4. Select Alarm Action for each Alarm Event by using the checkbox
5. Press Details
6. Press Blue Person icon under fax (if applicable)
7. Select recipient from Address Book
8. Press Blue Person icon under e-mail (if applicable)
9. Select recipient from Address Book
10. Press Blue Person icon under SMS (if applicable)
11. Select recipient from Address Book
12. Select whether or not to turn off internal relay only at end of event (checkbox is located in the top right-hand corner of screen)
13. Select OM4 Relay position to turn on for an event
14. Select whether or not to turn off OM4 Relay only at end of even under relay position
15. Press Apply
16. Repeat steps for each alarm event
17. Press Apply to save table
18. Repeat Steps 1-17 for each tank

**The following steps are additional options for the system and are not required to get a site up and running initially.**

## Sensors

After the auto-detection process is completed the installed Smart Sensors should be available for programming. Smart Sensors will require very little programming in the system, as most of the sensor's information is provided to the SiteSentinel® iSite™ console via the IntelliSense board on the sensor.

### To Program a Smart Sensor on the SiteSentinel® iSite™ console:

1. Go to Settings
2. Go to Probes/Sensors
3. Go to Probes/Sensors
4. Choose VSmart module that sensor is connected to
5. Choose Channel sensor is located on if multi-dropped, if not choose sensor
6. Choose sensor on channel for programming
7. Enter Description for sensor - this could be more information on location, sensor name, tank name or any additional information for the sensor
8. Choose association
  - a. Tank – In order to link sensor to a specific tank
    - i. Choose tank the sensor is located at
  - b. Dispenser – In order to link sensor to a specific dispenser
    - i. Choose dispenser sensor is located at
  - c. Site
9. Press Apply to save sensor settings
10. Press Alarm Actions
  - a. Choose Actions that need to be triggered in alarm condition
  - b. If Fax, Email, SMS or OM4 are chosen
    - i. Press Details
    - ii. Choose recipient for Fax, Email or SMS or Choose OM4 position to be triggered in alarm condition
  - c. Press Apply to save settings

The screenshot shows the configuration interface for a sensor. The sensor is identified as a "Discriminating Dispenser Pan Sensor" with model "30-0232-DH-10" and serial "329". It is connected to the "V-Smart 1" module at "Position: 5". The sensor number is "1" and it is not disabled. The description is "Tank 1 Sump". Under the "Association" section, the "Site" option is selected. The "Current Sensor Reading" shows a "Level" of "3.5629" and "3.5564". A "Refresh" button is available to update the readings. At the bottom, there are "Apply", "Delete", and "Cancel" buttons with corresponding icons.

**To Program Non-Smart sensors on the SiteSentinel® iSite™ console:**

Non-Smart sensors are sensors that do not have the IntelliSense board on the sensor wiring. These sensors must be added manually to the system and then programmed.

1. Go to Settings
2. Go to Probes/Sensors
3. Go to Probes/Sensors
4. Choose VSmart
5. Choose Available Devices
6. Choose sensor type from top of screen
7. Choose Channel sensor is connected to
8. Press Apply to save settings
9. Press Probes/Sensors
10. Choose sensor that was just installed on channel
11. Enter Sensor Serial Number
12. Enter Sensor Description
13. Choose Association
  - a. Tank - To link sensor to a specific tank
    - i. Choose the tank the sensor is located at
  - b. Dispenser - To link sensor to a specific dispenser
    - i. Choose the dispenser sensor is located at
  - c. Site
14. Choose Thresholds to be used

Note: If single float switch sensor upper threshold would normally be disabled. Threshold values are defaulted and should not have to be changed unless the user wants the alarm to trigger sooner or later than current value.
15. Press Apply to save settings
16. Press Alarm Actions
  - a. Choose Actions that need to be triggered in alarm condition
  - b. If Fax, Email, SMS or OM4 are chosen
    - i. Press Details
    - ii. Choose recipient for Fax, Email or SMS, or choose OM4 position to be triggered in alarm condition
  - c. Press Apply to save settings

The screenshot shows the configuration page for a sensor in the SiteSentinel iSite system. The sensor is identified as a 'Sump Sensor - Float Switch (Large Plastic)' with model '30-0231-L' and serial '1234'. It is connected to 'V-Smart 1' at 'Position: 7' with 'Sensor Number: 3'. The description is 'Manually added sensor'. Under 'Association', 'Site' is selected. The 'Channel' is set to '0'. The 'Upper Threshold' is checked and set to 'Not User'. The 'Lower Threshold' is unchecked and also set to 'Not User'. The 'Limit' is 2.5 Volts, 'Alarm Start Delay' is 0 Secs, 'Alarm End Delay' is 0 Secs, and 'Hysteresis' is 0.1 Volts. The 'Current Sensor Reading' is 'Level 5.1'. At the bottom, there are 'Apply', 'Delete', and 'Cancel' buttons with icons.

## Security

The Security section allows users to add or edit new users in the system. These security names are used to log into the system at the login screen.

1. Press Settings
2. Press System
3. Press the Security button
4. Press Create a New Account
5. Enter Username
6. The Username is unique to each user in the system. This name is used to log into the system.
7. Select Permission Level - Is used to grant each user different access levels to the system. The Access Levels section under the Security button determines this level. This level restricts users to certain screens on the SiteSentinel® iSite™ system.
8. Enter Password - Is used at the login screen to access the SiteSentinel® iSite™ system.
9. Enter Password confirmation
10. Enter Tech ID (if applicable). Tech ID is an identification number assigned to a technician by his or her company to use as a reference for each technician. This number is similar to an employee number.
11. Enter Company Name
12. Enter Phone Number
13. Enter Email Address
14. Press Apply
15. Repeat steps for additional users

**User Name:** johndoe

**Permission Level:** Technician

**Password:** \*\*\*\*\*

**Confirm Password:** \*\*\*\*\*

---

**Technician Information**

**Id #:** 114528

**Company:** ABC OIL

**Phone:** 18005551212

**Email:** jdoe@abcOil.com

Apply Cancel

## Access Levels

This screen defines the Access rights for each level of login.

1. Press Access Levels
2. Select the options for each user to have access to based on their access label

System Attributes									
	Requires H/W	Settings	Reports	Acknowledgement	Alarm Remediation	Compliance	Home Screen Unlock	Remote	Inventory
Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Technician	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manager	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Senior Operator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Junior Operator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Compliance Officer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Scroll Apply Scroll

## Address Book

The Address Book entries are used to reference email, SMS or fax notifications.

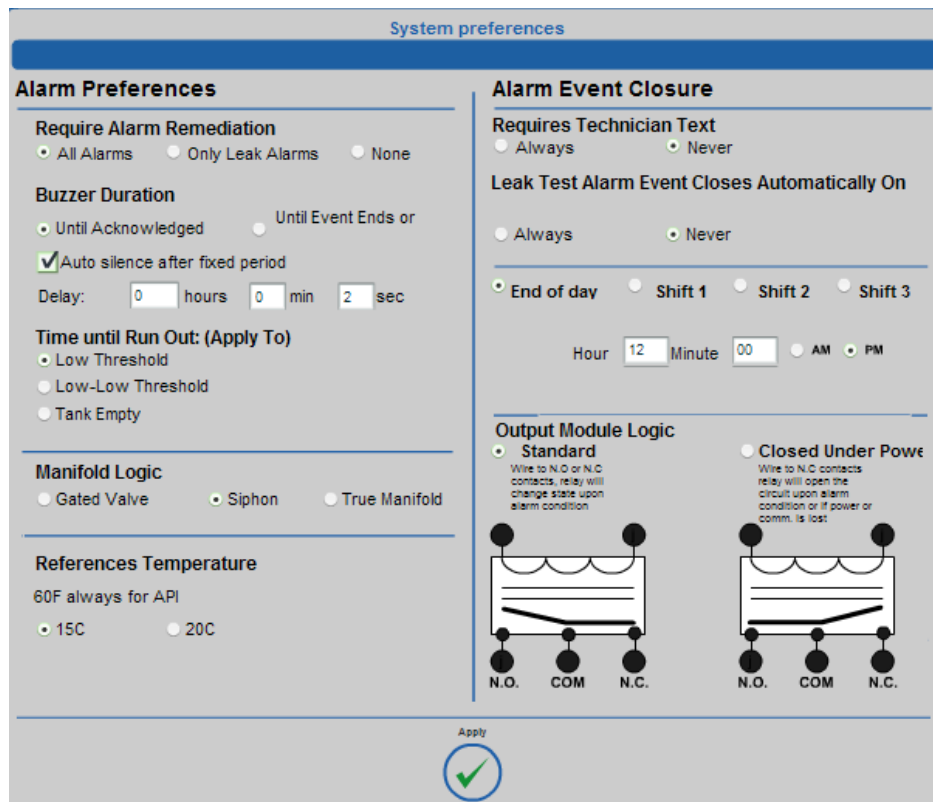
1. Press the Address Book button to enter the SiteSentinel® iSite™'s Address Book
2. Press the Add button at the bottom-center of screen
3. Enter First Name
4. Enter Last Name
5. Select Contact Type
6. Enter Company Name
7. Enter Phone Number
8. Enter Fax Number
9. Enter Email Address
10. Enter SMS Number
11. Press Apply to add address entry
12. Repeat steps for additional address entries

The screenshot shows a configuration window for adding a contact. At the top left is a blue person icon. To its right are input fields for 'First Name:', 'Last Name:', and 'Company:'. Below these is a 'Contact Type:' dropdown menu with 'Administrator' selected. A section titled 'Contact Information' contains four more input fields: 'Phone:', 'Fax:', 'Email:', and 'SMS:'. At the bottom of the window are two circular buttons: 'Apply' with a green checkmark and 'Cancel' with a red X.

## System Preferences

To set the System Preferences:

1. Press the Settings button to enter the site’s Configuration screens
2. Press the System button to enter the SiteSentinel® iSite™ ’s System Parameters screens
3. Press System Preferences to set up the System Preferences, User Preferences and System Warnings
4. Select the settings for each section
5. Press Apply to save the settings



### Alarm Preferences

**Require Alarm Remediation** - Gives users the ability to choose when to require alarm remediation. Users can choose between all alarms, only leak alarms or no remediation at all.

**Buzzer Duration** - Gives users the ability to choose how long they want the internal buzzer to sound when in an alarm condition. They can choose to end the buzzer when the alarm is acknowledged or when the event ends.

**Auto Silence After Fixed Period** - Allows the user to shut off the internal buzzer after the set period of time.

**Time Until Run Out** - Gives users the ability to choose which level they want their run out to be based off of. They can choose between the low threshold, low-low threshold or actual tank empty.

**Manifold Logic** - Gives users the ability to choose which Manifold Logic to use.

**References Temperature**- gives the user the ability to choose the temperature that they want to use as a reference when referring to density.

## Alarm Event Closure

**Requires Technician Text** - Gives users the ability to choose whether or not to require technician text when remediation of an alarm condition.

**Leak Test Alarm Closes Automatically on Next Test Passed** - Gives users the ability to choose whether or not they want a leak-test alarm to end when the next leak test is passed.

**Output Module Logic** - Gives the user the ability to choose their output module logic. They can choose between Standard (where the relay is not energized when not in alarm) or Closed under power (where the relay is energized in the normal condition).

## User Preferences

Press User button under Preferences to choose the settings for the user that is currently logged in.

To set up the signed-in User's Preferences:

1. Press Settings
2. Press System
3. Press Preferences
4. Press User
5. Select Language
6. Select Home Screen Layout
7. Select System Units
8. Select Decimal Separator
9. Select Printout Size
10. Select Date Format
11. Select Time Format
12. Select First Day of Week
13. Press Apply

The screenshot shows a configuration window with the following settings:

- Language Choice:** English
- Home Screen Layout:** Home Screen Option C
- System Units:** US
- Decimal Separator:** Dot
- Printout Size:** Letter (8.5"x11")
- Date Format:** MM/DD/YYYY
- Time Format:** 12 Hour
- First Day Of Week:** Sunday

**Note:** Follow the same steps above to setup the default user preferences. These preferences will control what is displayed when the system is setting idle with no user logged in.

## System Alarms

System Alarms are alarm conditions that apply to system components at the site. These can include communication breaks, system failures and warnings.

### To set the System Warnings:

1. Press Settings
2. Press System
3. Press Warnings button to enter the preferences for system events and alarms settings
4. Select Alarm Action for Each Alarm Event by using check box
5. Press Details (if applicable)
  - a. Press the blue person icon under Fax, Email or SMS (if applicable)
  - b. Select recipient from Address Book
  - c. Select whether or not to turn off internal relay only at end of event in top right-hand corner of screen
  - d. Select OM4 relay position to turn on for event
  - e. Select whether or not to turn off OM4 relay only at end of event located under the relay position
  - f. Press Apply
6. Repeat Steps for each alarm event
7. Press Apply to save table
8. Once all settings are applied, press the Apply button to save the settings for the entire table

System Event & Alarm Settings	Audible Alarm	Visual Alarm	Print on Event		Internal Output Contacts		Fax	E-mail	Sms	OM4 Output Module	
			Start	End	1	2					
VSMart Comms Failure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Printer Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LTV Memory Failure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details <<
LIM Comms Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Backup Battery Warning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Backup Battery Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I/O Board Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OM4 Comms Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
POS Comms Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pump Controller Coms Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CVMS Comms Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Alarm Event:** VSMart Comms Failure

<p><b>Fax</b></p> <p>Contact 1: <input type="checkbox"/></p> <p>Contact 2: <input type="checkbox"/></p> <p>Contact 3: <input type="checkbox"/></p> <p>Contact 4: <input type="checkbox"/></p> <p>Contact 5: <input type="checkbox"/></p>	<p><b>Internal Output Contacts</b></p> <p>Turn off position only at the end of event. <input type="checkbox"/></p> <p>Enable Output Contacts configuration with alarms active. <input type="checkbox"/></p>												
<p><b>E-mail</b></p> <p>Contact 1: <input type="checkbox"/></p> <p>Contact 2: <input type="checkbox"/></p> <p>Contact 3: <input type="checkbox"/></p> <p>Contact 4: <input type="checkbox"/></p> <p>Contact 5: <input type="checkbox"/></p>	<p><b>OM4 Output Module</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Output Module 1</th> <th>Output Module 2</th> <th>Output Module 3</th> <th>Output Module 4</th> </tr> <tr> <td>R1 R2 R3 R4</td> <td>R1 R2 R3 R4</td> <td>R1 R2 R3 R4</td> <td>R1 R2 R3 R4</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> <p>Turn off position only at the end of event. <input type="checkbox"/></p> <p>Enable Output Module configuration with alarms active. <input type="checkbox"/></p>	Output Module 1	Output Module 2	Output Module 3	Output Module 4	R1 R2 R3 R4	R1 R2 R3 R4	R1 R2 R3 R4	R1 R2 R3 R4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Output Module 1	Output Module 2	Output Module 3	Output Module 4										
R1 R2 R3 R4	R1 R2 R3 R4	R1 R2 R3 R4	R1 R2 R3 R4										
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>										
<p><b>SMS</b></p> <p>Contact 1: <input type="checkbox"/></p> <p>Contact 2: <input type="checkbox"/></p> <p>Contact 3: <input type="checkbox"/></p> <p>Contact 4: <input type="checkbox"/></p> <p>Contact 5: <input type="checkbox"/></p>													

## Networking Setup

Press the Networking button to enter the Setup for Network Connection to the SiteSentinel® iSite™.

The screenshot shows the 'Networking Setup' interface. It is divided into four main sections:

- Incoming Connection:**  Enabled,  STATIC,  DHCP
- Users:** An empty text box, , ,
- E-mail and SMS Transport/WEB A:**  LAN/WAN,  DIAL-UP ISP
- Ethernet Interface:**  DHCP,  STATIC  
MAC Address: 00:0B:AB:10:8C:14  
IP Address: 10.0.0.172  
Mask: 255.255.255.0  
Gateway: 10.0.0.1  
DNS: 10.0.0.59

An  button with a green checkmark is located at the bottom center.

### To Setup a Dial-in Networking Connection (Incoming Connection):

1. Link Dial-in connection to modem port:
  - a. Press Settings
  - b. Press System
  - c. Press Communications
  - d. Press Next at bottom of screen to enter Configuration
  - e. Choose Remote Dial-In from top list
  - f. Choose modem from bottom list
  - g. Press Map
  - h. Set baud rate (use highest selection for higher speed)
  - i. Press Apply
2. Setup Connection information:
  - a. Press Settings
  - b. Press System
  - c. Press Networking
  - d. Choose IP Scheme (Static is standard and will use provided IP)
  - e. Create user (This user name and password will be used in creating connection and is not the login to the SiteSentinel® iSite™ console)
    - i. Press Add New
    - ii. Enter User
    - iii. Enter Password
    - iv. Enter Confirmation for password
    - v. Press Apply
  - f. Press Apply

3. Create Dial-up Network connection on PC
  - a. Open My Network Places on PC
  - b. Choose View Network Connections (Under Network Tasks)
  - c. Choose Create New Connection (Under Network Tasks)
  - d. Network Connection Wizard will open:
    - i. Choose Next
    - ii. Choose Connect to the network at my workplace
    - iii. Choose Dial-up Connection
    - iv. Choose modem being used on PC
    - v. Enter Company Name
    - vi. Enter the phone number for the line the SiteSentinel® iSite™ console is connected to
    - vii. Choose connection availability
    - viii. Press Finish
  - e. Open Dial-up Connection:
    - i. Enter User Name (user name created on networking screen of SiteSentinel® iSite™)
    - ii. Enter Password (password created for above user in SiteSentinel® iSite™)
    - iii. Verify Phone Number
    - iv. Press Dial
  - f. Once Dial-up Connection is established:
    - i. Open Internet browser
    - ii. Enter Start Address from Networking screen into address bar of internet browser (IP address is located under Incoming connections in upper left)

**Note:** Dial-in networking connection will allow the user to dial into the SiteSentinel® iSite™ console via a phone line to view/edit configuration. This connection will display the information just as if the user was looking at the console or connected via Ethernet connection.

**To Setup Email & SMS Transport:**

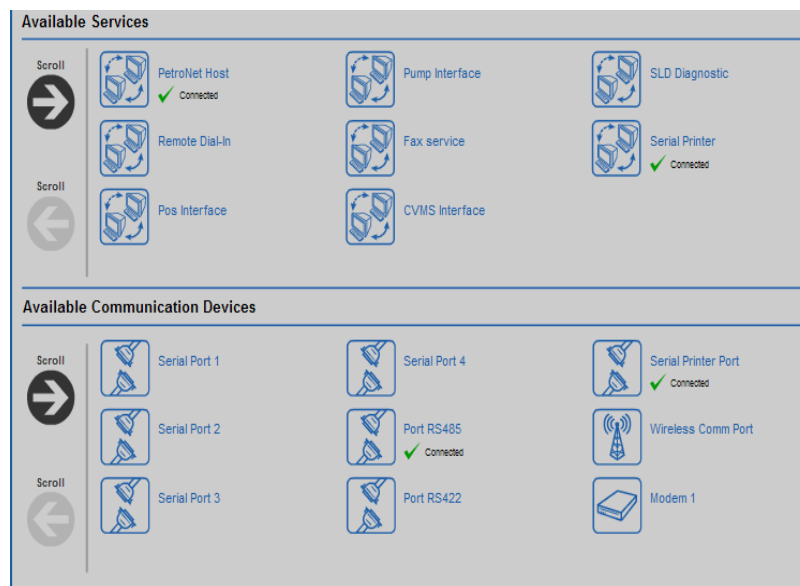
1. Press Settings
2. Press System
3. Press Networking
4. Select LAN/WAN or Dial-up ISP
5. If Dial-up ISP selected:
  - a. Enter Username
  - b. Enter Password
  - c. Enter Dialout
6. If LAN/WAN selected
  - a. Press Apply

**To Setup Ethernet Interface:**

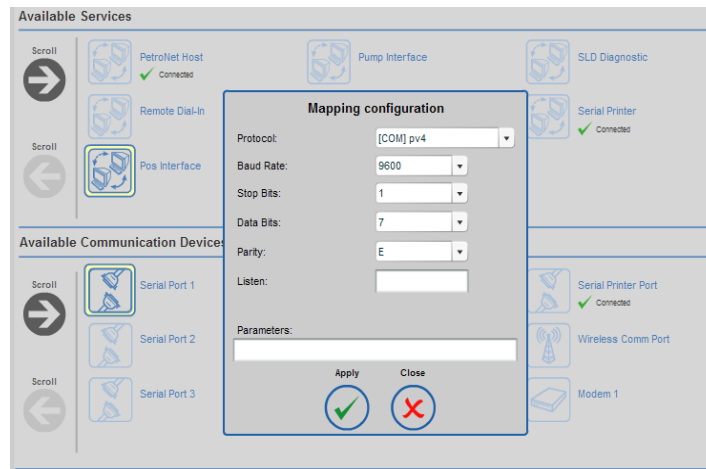
1. Press Settings
2. Press System
3. Press Networking
4. Select DHCP or Static
5. If Static is selected:
  - a. Enter IP Address
  - b. Enter Mask
  - c. Enter Gateway
  - d. Enter DNS
6. If DHCP is selected:
  - a. Press Apply

**Communications Port Assignment**

**To Link a device to a Service:**



1. Press Settings
2. Press System
3. Press Communications
4. Press Next on Communication Overview screen
5. Select Service at top of screen
6. Select Device at bottom of screen
7. Select Map
8. Select Communication Parameters
9. Press Map
10. Press Apply to accept mapping of device and service



### To Setup Petro-Net Host

#### Via RS-485 Port: (This is the default setup)

1. Press Petro-Net Host
2. Press Port RS485
3. Press Map
4. Select Protocol (COM pnet is Standard)
5. Select Baud Rate
6. Select Stop Bits
7. Select Data Bits
8. Select Parity
9. Press Apply to map

#### Via 422/485 Port:

1. Press Petro-Net Host
2. Press Port RS422
3. Press Map
4. Select Protocol (COM pnet is Standard)
5. Select Baud Rate
6. Select Stop Bits
7. Select Data Bits
8. Select Parity
9. Press Apply to map

#### Via Ethernet:

1. Press Petro-Net Host
2. Press LAN/WAN Port
3. Press Map
4. Select Protocol ([NET] pnet is Standard)
5. Press Apply to map

**Note:** When setting up Petro-Net Host, none of the settings will need to be changed and should be left at the default values.

## **To Setup Remote Dial-In**

### **Via Modem:**

1. Press Remote Dial-In
2. Press Modem (1, 2 or 3)
3. Press Map
4. Select Protocol (COM ppp is Standard)
5. Select Baud Rate
6. Select Stop Bits
7. Select Data Bits
8. Select Parity
9. Press Apply to map

**Note:** Only internal modems on the SiteSentinel® iSite™ console can be linked to remote dial in connection. Setup the highest baud rate for better results when connecting to the console. For more details on remote dial-in setup, see the networking section for complete dial-up connection configuration.

## **To Setup POS Interface**

### **Via Modem:**

1. Select POS Interface
2. Select Modem (1, 2 or 3)
3. Press Map
4. Select Protocol (PV4, TLS250, TLS350, scp350 and Smith)
5. Select Baud Rate
6. Select Stop Bits
7. Select Data Bits
8. Select Parity
9. Press Apply to map

### **Via Serial Port:**

1. Select POS Interface
2. Select Serial (1, 2, 3 or 4)
3. Press Map
4. Select Protocol (PV4, TLS250, TLS350, scp350 and Smith)
5. Select Baud Rate
6. Select Stop Bits
7. Select Data Bits
8. Select Parity
9. Select POS Units
10. Press Apply to map

## To Setup POS Interface (cont.)

### Via LAN/WAN:

1. Select POS Interface
2. Select LAN/WAN
3. Press Map
4. Select Protocol (PV4, TLS250, TLS350, scp350 and Smith)
5. Enter Port Number

The “Listen” Input box can be configured with: XXXX, where XXXX represents the Port Number that a POS communicates on. If no entry is input the “Listen” box the default ports are:

TLS-350 - 2374  
TLS-250 - 2375  
PV4 - 2472  
Gilbarco Block - 2373  
Wayne IDPOS - 35555

6. Select POS Units
7. Enter Parameters (if applicable)
8. Press Apply to map

**Note:** SCP350 protocol will be used when using the Phoenix Premier OPW (PPO) software to poll the gauge.

## To Setup Pump Interface

### Via Serial Port:

1. Select Pump Interface
2. Select Serial (1, 2, 3 or 4)
3. Press Map
4. Select Protocol (PV4 or Genb)
5. Select Baud Rate
6. Select Stop Bits
7. Select Data Bits
8. Select Parity
9. Press Apply to map

### Via Ethernet:

1. Select Pump Interface
2. Select LAN/WAN
3. Press Map
4. Select Protocol ( PV4, idpos or Genb)
5. Enter Port Number in the Listen Box. (See below for ports.)

The “Listen” Input box can be configured with: XXXX, where XXXX represents the Port Number that a POS communicates on. If no entry is input, the “Listen” box the default ports are:

PV4 - 2472  
Gilbarco Block - 2373  
Wayne IDPOS - 35555

6. Select POS Units (if applicable)
7. Enter Parameters (if applicable)
8. Press Apply to map

### **To Setup Fax Service**

#### **Via Modem:**

1. Select Fax Service
2. Select Modem (1, 2 or 3)
3. Press Map
4. Select Protocol (Fax is standard)
5. Select Baud Rate
6. Select Stop Bits
7. Select Data Bits
8. Select Parity
9. Press Apply to map

### **To Setup SLD Diagnostic**

#### **Via Serial Port:**

1. Select SLD Diagnostics
2. Select Serial (1, 2, 3 or 4)
3. Press Map
4. Select Protocol (COM citlds is standard)
5. Select Baud Rate
6. Select Stop Bits
7. Select Data Bits
8. Select Parity
9. Press Apply to map

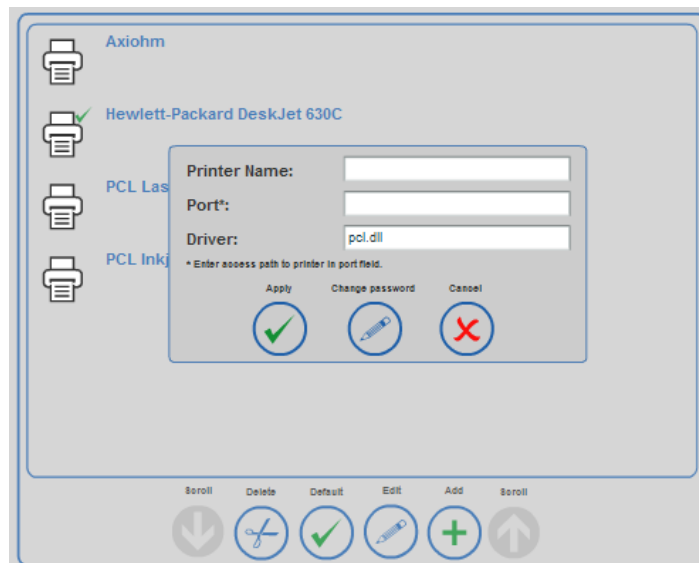
## Printer Setup

### To add a Printer:

1. Press Settings
2. Press Printer button to enter the Printer Setup
3. Press Add to add the internal printer
4. Enter Printer Name
5. Enter Port
6. Enter Driver
7. Press Apply to add the printer
8. Press selected printer

### To Select a Default Printer:

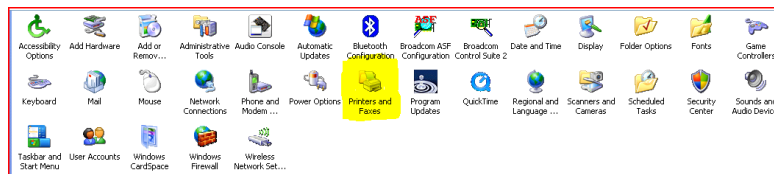
1. Press on Printer you want to be default
2. Press Default button at bottom of screen
3. Press Apply



### Printer Setup on PC or Server:

It is recommended that you create a new printer connection on the PC or Server (See section under “Setup on SiteSentinel® iSite™”).

To create a new printer on the PC or Server, access the Control Panel and then go to the Printers and Faxes section.



Click on the Add a Printer icon to start the Printer Wizard and click Next.

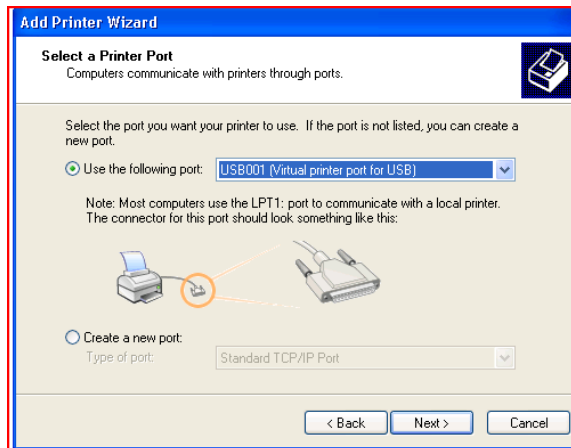


Then choose Local Printer Attached to this Computer (do not choose Automatically Detect).

Click Next.



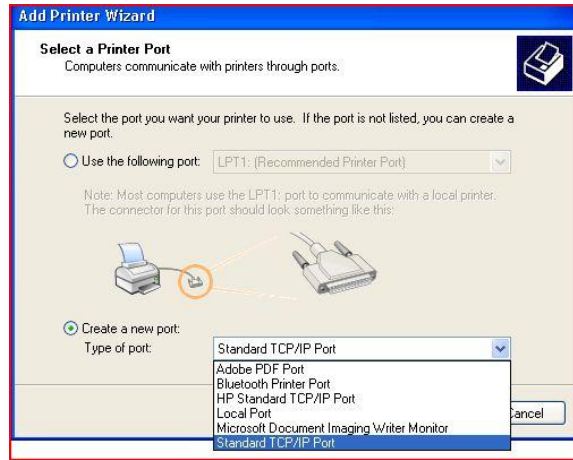
Choose the type of connection the printer will be using, if it is connected on USB or Parallel port then you would click the radio button "Use the following port" as shown below.



If the printer is on the network and does not directly connect to the PC via USB or printer cable, select Create a New Port type and choose Standard TCP/IP Port to connect to the IP addressable printer.

You will need to know the IP address of the printer itself, not the PC or Server IP that the printer may be shared through.

Click Next.

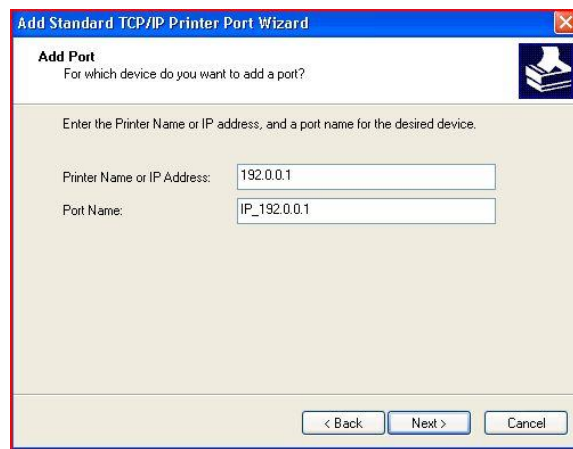


This will start the TCP/IP Port Wizard.

Click Next.

Enter the IP address of the printer to be used in the field Printer Name or IP Address.

Click Next.

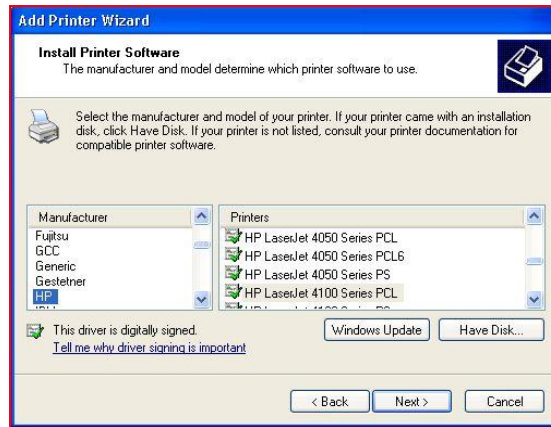


If the adapter is found, a similar message will appear:

Click Finish.



Choose the appropriate drivers for the printer, and click Next.



Specify a friendly printer name (this name is not the name that the SiteSentinel® iSite™ will use when connecting to the printer.

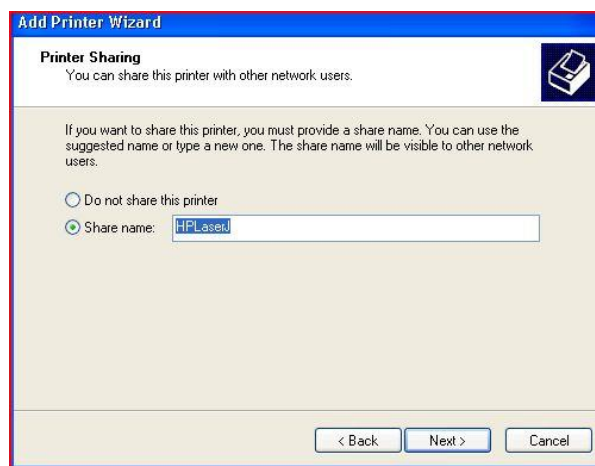
The Share Name created later is what will be needed for the SiteSentinel® iSite™ configuration; therefore this name is unimportant when being specified.

Click Next.



At this point you will specify a Share Name to be used by the SiteSentinel® iSite™.

This name will need to be added as part of the UNC path outlined in the setup of the SiteSentinel® iSite™ section of this document when creating a printer on the SiteSentinel® iSite™ itself (e.g. \\mypc\hplaserj).



Click Next.

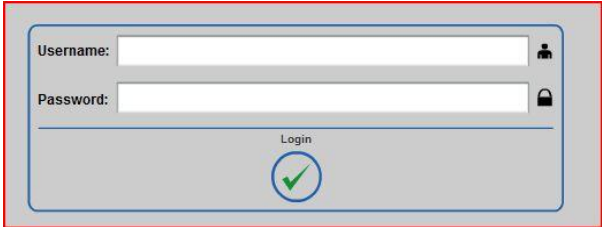
The next screen “Location and Comments” is optional for the end user.

Click next.

At this point verify that you can print a test page from the PC or Server where you just created the printer. If the test page prints successfully you are ready to move on to the next section.

**Setup on SiteSentinel® iSite™:**

Once the console is up and running, type in the Administrator for the Username and the appropriate Password.



Next, click on the **settings button** in the bottom left hand corner on the screen.

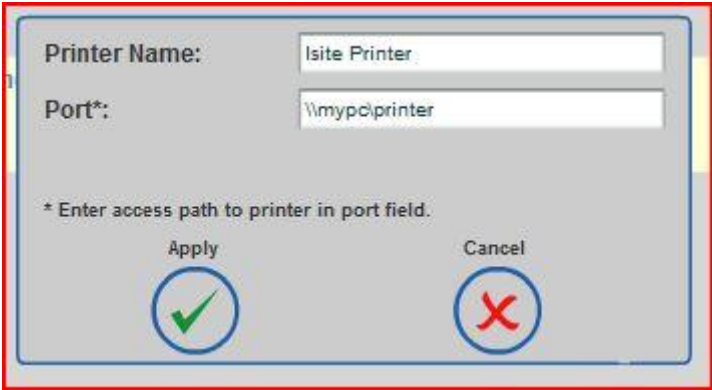
Next, click on the **system tab** in yellow on the left hand side of the screen.

Next, click on the **printer tab** in yellow on the left hand side of the screen.

Next, click on the **green “plus symbol”** with add above it to add a printer to the system.

Next, enter the name you would like to call the printer in the Printer Name Field.

Next, enter the UNC (Universal Naming Convention) path that you

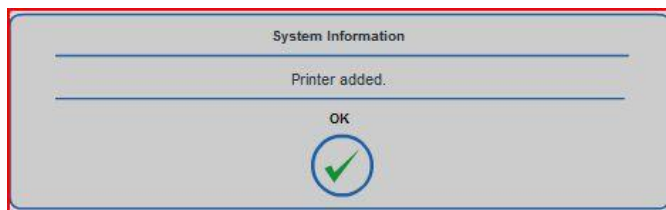


would like to send print jobs to, and click Apply\*.

\*Note - The UNC path and printer setup on the PC or Server, to which the SiteSentinel® iSite™ will send print, jobs should be established prior to attempting to print from the SiteSentinel® iSite™. This document provides general information on how to setup a NEW print share on a PC under printer setup on PC or Server. Any existing printer share that may have been created on a PC or Server prior to the SiteSentinel® iSite™ installation may or may not work (depending on the network topology, policies and/or use of the print share when it was created) so it is recommended that you setup a NEW printer and print share for use with the SiteSentinel® iSite™.

If the printer was successfully added to the SiteSentinel® iSite™ you will see the following message:

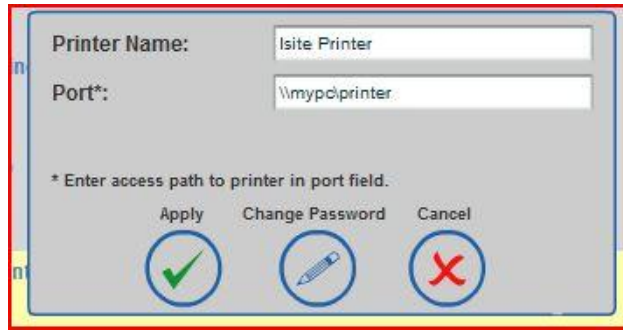
This message only ensures the adding of the printer to the SiteSentinel® iSite™; this does not mean that it was able to successfully contact or see the network print share on the LAN/WAN.



After the printer installation with the correct UNC path (this corresponds to the PC or Server that was setup in the first section of this document) is complete, you will need to add the local user information that was created on the PC or Server in the previous section (i.e. SiteSentinel® iSite™ User).

Click on the printer that was just created, and click Edit.

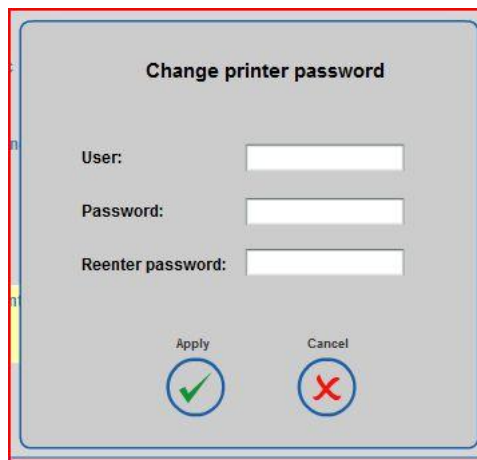
The following screen will come up:



Click on Change Password:

Enter the local user name that was created on the PC or Server in the previous section and the password, and click Apply.

You should now be able to print to the printer that is connected to the PC or Server that was setup in the previous section.



## Email & SMS Setup

Press Email & SMS

The image shows two configuration screens. The top screen is titled "SMTP Server/Email" and contains the following fields: "Server name:" with the value "mx2003", "Port:" with the value "25", "User:" with the value "jnewman@petrovend.com", "Password:" with a masked value "\*\*\*\*\*", and "Email:" with the value "yourisite@iSite.com". There is a checkbox labeled "SMTP Server Authentication" which is currently unchecked. The bottom screen is titled "SMS Service Provider:" and contains the following fields: "Gateway Address:", "User:", "Password:", and "API ID:", all of which are currently empty. At the bottom of the form, there are "Apply" and "Cancel" buttons.

### To Setup Email Service:

1. Press Settings
2. Press System
3. Press Email & SMS
4. Enter Server Name
5. Enter Port Number
6. Enter Username for email server
7. Enter Password for the user
8. Enter SiteSentinel® iSite™ Email Address (user-defined)
9. Select whether or not you want SMTP server authenticated
10. Press Apply

### To Setup SMS Service:

1. Press Settings
2. Press System
3. Press Email & SMS
4. Enter Gateway Address
5. Enter User ID
6. Enter Password
7. Enter API ID
8. Press Apply

## Reconciliation

The Reconciliation menu allows users to set up the pumps in the SiteSentinel® iSite™ system and link them to their corresponding tanks.

### To Setup a Dispenser:

1. Press Settings
2. Press Reconciliation
3. For the dispenser address, select preferred addressing method
4. Press Apply
5. Press Edit Dispensers
6. Press Add on the Dispenser screen
7. Select Number of Sides on dispenser
8. Select Product on hoses
9. Repeat steps for additional dispensers
10. Press Apply to save dispenser

### To Map Hoses:

1. Press Hose Maps
2. Press Tank at bottom of screen to select product
3. Press Hose at top of screen
4. Enter Offset in top right of screen (if applicable)
5. Press Apply to link product/tank to that hose
6. Repeat steps for additional hose mapping

## Leak Detection

### To Setup Leak Detection Schedule:

1. Press Settings
2. Press Leak Detection
3. Press In-Tank Leak to set up leak tests
4. Select Tank
5. Select Test Type (Auto Statistical or Auto Static)
6. Select Duration in hours and minutes
7. Select Recurrence Pattern
8. Select Leak Test Warning
9. Select Min. Volume Percentage
10. Press Apply to save settings
11. Repeat steps for additional tanks/tests

1 Tank Number: 1

TYPE

Auto Statistical

Auto Static

SETTINGS

Leak Test Rate: 0.2 Gph

Duration: 0 h :00 min

Recurrence Pattern: Daily

Leak Test Warning: 1 days

Min. Volume: 50 %

Apply

### On-Demand:

1. Press Static On-Demand
2. Select Tank
3. Select Leak Test Rate
4. Select Run Now (Yes/No)
5. Select Duration
6. If No is selected
7. Select Date
8. Select Time
9. Press Apply
10. Repeat steps for additional tanks/tests

1 Tank Number: Unloaded

SETTINGS

Leak Test Rate:  0.1 Gph  0.2 Gph

Run Now?  Yes  No

Duration: 0 h :00 min

SCHEDULE:

Date: Jan 1 2007

Time: 0 : 0

Apply

## Reports

### To schedule reports in the SiteSentinel® iSite™ console:

1. Go to Reports
2. Choose Scheduler or On Demand

### For On Demand Reports:

1. Choose Report
  - a. Inventory or Delivery
    - i. Choose Report Basis
      1. By Tank - will run a report by an individual tank
      2. By Product type - will run a report by selected product
    - ii. Choose Date Range
      1. Start Date for report data
      2. End Date for report data
    - iii. Press Print (will print to default printer on system)
  - b. Leak Test Status
    - i. Choose Report Basis
      1. All Tests - will include all test types in report
      2. Static - will only include static testing results
      3. Auto-Static - will only include auto-static testing results
    - ii. Choose Date Range
      1. Start date for report data
      2. End date for report data
    - iii. Press Print (will print to default printer on system)
  - c. Reconciliation
    - i. Report Basis
      1. By Tank
        - a. Daily - will print daily reconciliation report information for selected period
        - b. Shifts - will print reconciliation information sorted by shifts for selected period
        - c. Hourly - will print hourly reconciliation information for selected period
        - d. History - will print reconciliation history for selected period
      2. Last Report to reprint the last report
      3. By Date Range
        - a. Start date for report data
        - b. End date for report data
      4. Press Print (will print to default printer on system)
    - d. Autocalibration Status
      - i. By tank - choose tank to run report on
      - ii. Last report will reprint last report
      - iii. By Date Range
        1. Start date for report data
        2. End date for report data

- iv. Press Print (will print to default printer on system)
- e. Sensor Status
  - i. Date Range
    - 1. Start date for report data
    - 2. End date for report data
  - ii. Press Print (will print to default printer on system)
- f. Current Sensor Status
  - i. Press Print (will print current status to default printer on system)

**For Scheduled Reports:**

1. Choose Printed, Electronic or Action
2. For Printed or Electronic
  - a. Choose Report
    - i. Inventory, Delivery, Reconciliation, Autocalibration or Leak Test Status Reports
      1. Choose Tank
      2. Choose Recurrence Pattern
        - a. Once - will run the report 1 time
        - b. Daily - will run the report daily
        - c. Weekly - will run the report weekly on the day selected. Can also be setup to run the report every X number of weeks
        - d. Monthly - will run the report monthly or every X number of months
        - e. Yearly - will run the report yearly or every X number of years
      3. The every X days/weeks/months/years selection will be used in conjunction with the above selection to choose the pattern for which the report should be run.
      4. Report Time - choose time for the report to be run based on the above selections
      5. Receive this Report Via
        - a. For Printer
          - i. Choose Printer to print report to
        - b. For Electronic
          - i. Choose Email or Fax
          - ii. Press Details
          - iii. Choose recipient for the report
      6. Press Apply to save the report settings
    - ii. Sensor Status Report
      1. Choose Sensor
      2. Choose Recurrence Pattern
        - a. Once - will run the report 1 time
        - b. Daily - will run the report daily
        - c. Weekly - will run the report weekly on the day selected. Can also be setup to run the report every X number of weeks

- d. Monthly - will run the report monthly or every X number of months
      - e. Yearly - will run the report yearly or every X number of years
    3. The every X days/weeks/months/years selection will be used in conjunction with the above selection to choose the pattern for which the report should be run.
    4. Report Time - choose time for the report to be run based on the above selections
    5. Receive this Report Via
      - a. For Printer
        - i. Choose Printer to print report to
      - b. For Electronic
        - i. Choose Email or Fax
        - ii. Press Details
        - iii. Choose recipient for the report
    6. Press Apply to save the report settings
  - iii. Active Alarm Count
    1. Choose Recurrence Pattern
      - a. Once - will run the report 1 time
      - b. Daily - will run the report daily
      - c. Weekly - will run the report weekly on the day selected. Can also be setup to run the report every X number of weeks
      - d. Monthly - will run the report monthly or every X number of months
      - e. Yearly - will run the report yearly or every X number of years
    2. The every X days/weeks/months/years selection will be used in conjunction with the above selection to choose the pattern for which the report should be run.
    3. Report Time - choose time for the report to be run based on the above selections
    4. Receive this Report Via
      - a. For Printer
        - i. Choose Printer to print report to
      - b. For Electronic
        - i. Choose Email or Fax
        - ii. Press Details
        - iii. Choose recipient for the report
    5. Press Apply to save the report settings
3. For Action Reports
  - a. Choose Action
    - i. Inventory
      1. Choose Tank
      2. Choose Recurrence Pattern
        - a. Once - will run the Action 1 time

- b. Daily - will run the Action daily
    - c. Weekly - will run the Action weekly on the day selected. Can also be setup to run the Action every X number of weeks
    - d. Monthly - will run the Action monthly or every X number of months
    - e. Yearly - will run the Action yearly or every X number of years
  3. The Every X days/weeks/months/years selection will be used in conjunction with the above selection to choose the pattern for which the Action should be run.
  4. Report Time - choose time for the Action to be run based on the above selections
  5. Press Apply to Save Action settings
- ii. Open Site
  1. Choose Recurrence Pattern
    - a. Once - will run the Action 1 time
    - b. Daily - will run the Action daily
    - c. Weekly - will run the Action weekly on the day selected. Can also be setup to run the Action every X number of weeks
    - d. Monthly - will run the Action monthly or every X number of months
    - e. Yearly - will run the Action yearly or every X number of years
  2. The every X days/weeks/months/years selection will be used in conjunction with the above selection to choose the pattern for which the Action should be run.
  3. Report Time - choose time for the Action to be run based on the above selections
  4. Press Apply to Save Action settings
- iii. Close Site
  1. Choose Recurrence Pattern
    - a. Once - will run the Action 1 time
    - b. Daily - will run the Action daily
    - c. Weekly - will run the Action weekly on the day selected. Can also be setup to run the Action every X number of weeks
    - d. Monthly - will run the Action monthly or every X number of months
    - e. Yearly - will run the Action yearly or every X number of years
  2. The every X days/weeks/months/years selection will be used in conjunction with the above selection to choose the pattern for which the Action should be run.
  3. Report Time - choose time for the Action to be run based on the above selections
  4. Press Apply to Save Action settings

## Utilities

### To backup configuration of the system:

1. Go to Settings
2. Go to Utilities
3. Choose Backup Configuration
4. Choose where the backup should be saved

### To restore the configuration to the console:

1. Go to Settings
2. Go to Utilities
3. Choose Restore Configuration
4. Select File to restore
5. After restore is complete, logout of current user and login to view/verify changes.

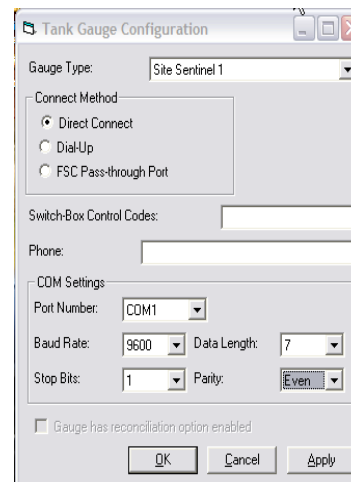
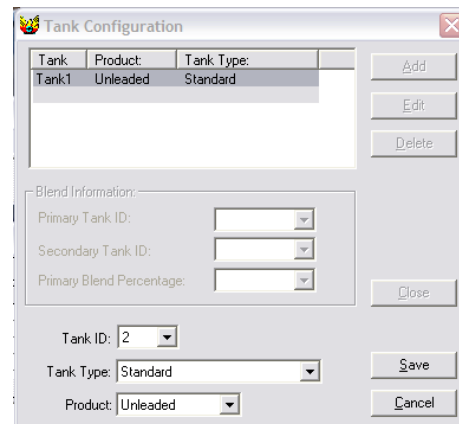
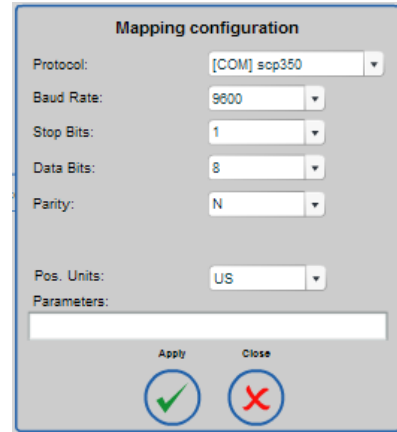
## Software Setup

The SiteSentinel® iSite™ console can be polled by several of OPW's Software in order for reconciliation and remote viewing of inventories and deliveries.

### Phoenix Premier OPW

#### Direct

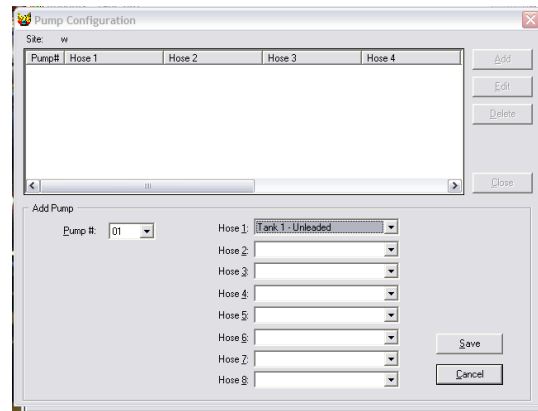
1. Setup Communications in SiteSentinel® iSite™ console
  - a. Go to Settings
  - b. Go to System
  - c. Go to Communications
  - d. Select Next
  - e. Select POS Interface
  - f. Select Serial
  - g. Select Map
  - h. Choose Parameters
    - i. Protocol - choose SCP350
    - ii. Baud Rate (must match Phoenix baud rate)
    - iii. Stop Bits - choose 1
    - iv. Data Bits - choose 8
    - v. Parity - choose None
    - vi. Pos. Units - select accordingly
    - vii. Parameters - erase info if populated
  - i. Press Apply
2. Setup Phoenix Software
  - a. Choose Tanks on Site Information tab
    - i. Press Add
    - ii. Choose the Tank ID
    - iii. Choose the Tank Type
    - iv. Choose the Product
    - v. Press Save
    - vi. Repeat until all tanks are added
  - b. Choose Gauge on Site Information tab
    - i. Choose Gauge Type - Site Sentinel 1 or SiteSentinel® iSite™ depending on version
    - ii. Choose Direct Connect
    - iii. Choose COM Settings
      1. Port Number - port number serial cable is connected to on PC
      2. Baud Rate - match baud rate set in SiteSentinel® iSite™
      3. Data Length - match SiteSentinel® iSite™ setting



## 4. Stop Bits - match SiteSentinel® iSite™ setting

## 5. Parity - match SiteSentinel® iSite™ setting

- iv. Press Apply
- c. Choose Pumps on Site Information tab
  - i. Select Add
  - ii. Select Pump Number
  - iii. Select products for valid hoses
  - iv. Select Save
- d. Poll Gauge using Phoenix Program
  - i. Go to Utilities
  - ii. Go to Tank Gauge
  - iii. Go to Poll Gauge

**Modem** - using internal modem on SiteSentinel® iSite™

1. Setup Communications in SiteSentinel® iSite™ console
  - a. Go to Settings
  - b. Go to System
  - c. Go to Communications
  - e. Select Next
  - f. Select POS Interface
  - g. Select Modem number being used
  - h. Select Map
  - i. Choose Parameters
    - i. Protocol - choose SCP350
    - ii. Baud Rate (must match Phoenix baud rate)
    - iii. Stop Bits - choose 1
    - iv. Data Bits - choose 8
    - v. Parity - choose None
    - vi. Pos. Units - select accordingly
    - vii. Parameters - erase info if populated
  - j. Press Apply
2. Setup Phoenix Software
  - a. Choose Tanks on Site Information tab
    - i. Press Add
    - ii. Choose the Tank ID
    - iii. Choose the Tank Type
    - iv. Choose the Product
    - v. Press Save
    - vi. Repeat until all tanks are added
  - b. Choose Gauge on Site Information tab
    - i. Choose Gauge Type – SiteSentinel® 1 or SiteSentinel® iSite™ depending on version
    - ii. Choose Modem Connect
    - iii. Enter Phone Number

#### iv. Choose COM Settings

1. Port Number - port number serial cable is connected to on PC
  2. Baud Rate - match baud rate set in SiteSentinel® iSite™
  3. Data Length - match SiteSentinel® iSite™ setting
  4. Stop Bits - match SiteSentinel® iSite™ setting
  5. Parity - match SiteSentinel® iSite™ setting
- v. Press Apply
- c. Choose Pumps on Site Information tab
- i. Select Add
  - ii. Select Pump Number
  - iii. Select products for valid hoses
  - iv. Select Save
- d. Poll Gauge using Phoenix Program
- i. Go to Utilities
  - ii. Go to Tank Gauge
  - iii. Go to Poll Gauge

### TCP/IP

1. Setup Communications in SiteSentinel® iSite™ Console
  - a. Go to Settings
  - b. Go to System
  - c. Go to Communications
  - d. Select Next
  - e. Select POS Interface
  - f. Select LAN/WAN
  - g. Select Map
  - h. Choose Parameters
    - i. Protocol - choose SCP350
    - ii. Port - enter 2377 for SCP350
    - iii. Pos. Units - select accordingly
    - iv. Parameters - erase info if populated
  - i. Press Apply
2. Setup Phoenix Software
  - a. Choose Tanks on Site Information tab
    - i. Press Add
    - ii. Choose the Tank ID
    - iii. Choose the Tank Type
    - iv. Choose the Product
    - v. Press Save
    - vi. Repeat until all tanks are added
  - b. Choose Gauge on Site Information tab
    - i. Choose Gauge Type - Site Sentinel 1 or SiteSentinel® iSite™ depending on version
    - ii. Choose Modem Connect
    - iii. Enter IP Address and Port Number (xxx.xxx.xxx.xxx/pppp)

- iv. Choose COM Settings (these settings need to be set but are not used because Phoenix is utilizing dial-up connection for TCP/IP)
  1. Port Number - choose any option
  2. Baud Rate - choose any option
  3. Data Length - choose any option
  4. Stop Bits - choose any option
  5. Parity - choose any option
- v. Press Apply
- c. Choose Pumps on Site Information tab
  - i. Select Add
  - ii. Select Pump number
  - iii. Select products for valid hoses
  - iv. Select Save
- d. Poll Gauge using Phoenix Program
  - i. Go to Utilities
  - ii. Go to Tank Gauge
  - iii. Go to Poll Gauge

### **Pass-through Port**

The SiteSentinel® iSite™ console can be polled using the pass-through port on either the System 2 FSC or the FSC3000, and connecting to a serial port on the SiteSentinel® iSite™ console.

#### **Cables required:**

- System2 FSC without networks enabled use cable part # 20-1612 connected to AUX 3 on FSC.
- System2 FSC with networks enabled use cable part # 20-1611 connected to AUX 2 on FSC.
- FSC3000 use cable part # 20-1613 connected to port 8 on FSC3000.

1. Setup Communications in SiteSentinel® iSite™ console
  - a. Go to Settings
  - b. Go to System
  - c. Go to Communications
  - d. Select Next
  - e. Select POS Interface
  - f. Select Serial
  - g. Select Map
  - h. Choose Parameters
    - i. Protocol - choose SCP350
    - ii. Baud Rate (must match Phoenix baud rate)
    - iii. Stop Bits - choose 1
    - iv. Data Bits - choose 8
    - v. Parity - choose None
    - vi. Pos. Units - select accordingly
    - vii. Parameters - erase info if populated
  - i. Press Apply

2. Setup Phoenix Software
  - a. Choose Tanks on Site Information tab
    - i. Press Add
    - ii. Choose the Tank ID
    - iii. Choose the Tank Type
    - iv. Choose the Product
    - v. Press Save
    - vi. Repeat until all tanks are added
  - b. Choose Gauge on Site Information tab
    - i. Choose Gauge Type - Site Sentinel 1 or SiteSentinel® iSite™ depending on version
    - ii. Choose FSC Pass-through Port
    - iii. Press Apply
  - c. Choose Pumps on Site Information tab
    - i. Select Add
    - ii. Select Pump number
    - iii. Select products for valid hoses
    - iv. Select Save
  - d. Poll Gauge using Phoenix Program
    - i. Go to Utilities
    - ii. Go to Tank Gauge
    - iii. Go to Poll Gauge

### **Phoenix Premier**

#### **Third-Party Direct**

1. Setup Communications in SiteSentinel® iSite™ console
  - a. Go to Settings
  - b. Go to System
  - c. Go to Communications
  - d. Select Next
  - e. Select POS Interface
  - f. Select Serial
  - g. Select Map
  - h. Choose Parameters
    - i. Protocol - choose TLS350
    - ii. Baud Rate (must match Phoenix baud rate)
    - iii. Stop Bits - choose 1
    - iv. Data Bits - choose 8
    - v. Parity - choose None
    - vi. Pos. Units - select accordingly
    - vii. Parameters - erase info if populated
  - i. Press Apply
2. Setup Phoenix Software
  - a. Choose Tanks on Site Information tab
    - i. Press Add
    - ii. Choose the Tank ID
    - iii. Choose the Tank Type
    - iv. Choose the Product

- v. Press Save
- vi. Repeat until all tanks are added
- b. Choose Gauge on Site Information tab
  - i. Choose Gauge Type - TLS350
  - ii. Choose Direct Connect
  - iii. Choose COM Settings
    - 1. Port Number - port number serial cable is connected to on PC
    - 2. Baud Rate - match baud rate set in SiteSentinel® iSite™
    - 3. Data Length - match SiteSentinel® iSite™ setting
    - 4. Stop Bits - match SiteSentinel® iSite™ setting
    - 5. Parity - match SiteSentinel® iSite™ setting
  - iv. Press Apply
- c. Choose Pumps on Site Information tab
  - v. Select Add
  - vi. Select Pump number
  - vii. Select products for valid hoses
  - viii. Select Save
- d. Poll Gauge using Phoenix Program
  - ix. Go to Utilities
  - x. Go to Tank Gauge
  - xi. Go to Poll Gauge

**Modem** - using internal modem on SiteSentinel® iSite™

- 1. Setup Communications in SiteSentinel® iSite™ Console
  - a. Go to Settings
  - b. Go to System
  - c. Go to Communications
  - d. Select Next
  - e. Select POS Interface
  - f. Select Modem Number being used
  - g. Select Map
  - h. Choose Parameters
    - xii. Protocol - choose TLS350
    - xiii. Baud Rate (must match Phoenix baud rate)
    - xiv. Stop Bits - choose 1
    - xv. Data Bits - choose 8
    - xvi. Parity - choose None
    - xvii. Pos. Units - select accordingly
    - xviii. Parameters - erase info if populated
  - i. Press Apply
- 2. Setup Phoenix Software
  - a. Choose Tanks on Site Information tab
    - i. Press Add
    - ii. Choose the Tank ID
    - iii. Choose the Tank Type
    - iv. Choose the Product

- v. Press Save
- vi. Repeat until all tanks are added
- b. Choose Gauge on Site Information tab
  - i. Choose Gauge Type - TLS350
  - ii. Choose Modem Connect
  
  - iii. Enter Phone Number
  - iv. Choose COM Settings
    1. Port Number - port number serial cable is connected to on PC
    2. Baud Rate - match baud rate set in SiteSentinel® iSite™
    3. Data Length - match SiteSentinel® iSite™ setting
    4. Stop Bits - match SiteSentinel® iSite™ setting
    5. Parity - match SiteSentinel® iSite™ setting
  - v. Press Apply
- c. Choose Pumps on Site Information tab
  - i. Select Add
  - ii. Select Pump number
  - iii. Select products for valid hoses
  - iv. Select Save
- d. Poll Gauge using Phoenix Program
  - i. Go to Utilities
  - ii. Go to Tank Gauge
  - iii. Go to Poll Gauge

## TCP/IP

1. Setup Communications in SiteSentinel® iSite™ console
  - a. Go to Settings
  - b. Go to System
  - c. Go to Communications
  - d. Select Next
  - e. Select POS Interface
  - f. Select LAN/WAN
  - g. Select Map
  - h. Choose Parameters
    - i. Protocol - choose TLS350
    - ii. Port - enter 2374 for TLS350
    - iii. Pos. Units - select accordingly
    - iv. Parameters - erase info if populated
  - i. Press apply
2. Setup Phoenix Software
  - a. Choose Tanks on Site Information tab
    - i. Press Add
    - ii. Choose the Tank ID
    - iii. Choose the Tank Type
    - iv. Choose the Product
    - v. Press Save
    - vi. Repeat until all tanks are added

- b. Choose Gauge on Site Information tab
  - i. Choose Gauge Type - TLS350
  - ii. Choose Modem Connect
  - iii. Enter IP Address and Port Number (xxx.xxx.xxx.xxx/pppp)
- iv. Choose COM Settings (these settings need to be set but are not used because Phoenix is utilizing dial-up connection for TCP/IP)
  1. Port Number - choose any option
  2. Baud Rate - choose any option
  3. Data Length - choose any option
  4. Stop Bits - choose any option
  5. Parity - choose any option
- v. Press Apply
- c. Choose Pumps on Site Information tab
  - i. Select Add
  - ii. Select Pump Number
  - iii. Select products for valid hoses
  - iv. Select Save
- d. Poll Gauge using Phoenix Program
  - i. Go to Utilities
  - ii. Go to Tank Gauge
  - iii. Go to Poll Gauge

### **Pass-through Port**

The SiteSentinel® iSite™ console can be polled using the pass-through port on either the System2 FSC or the FSC3000 and connecting to a serial port on the SiteSentinel® iSite™ console.

Cables required:

- System2 FSC without networks enabled use cable part # 20-1612 connected to AUX 3 on FSC.
  - System2 FSC with networks enabled use cable part # 20-1611 connected to AUX 2 on FSC.
  - FSC3000 use cable part # 20-1613 connected to port 8 on FSC3000.
1. Setup Communications in SiteSentinel® iSite™ Console
    - a. Go to Settings
    - b. Go to System
    - c. Go to Communications
    - d. Select Next
    - e. Select POS Interface
    - f. Select Serial
    - g. Select Map
    - h. Choose Parameters
      - i. Protocol - choose TLS350
      - ii. Baud Rate (must match Phoenix baud rate)

- iii. Stop Bits - choose 1
    - iv. Data Bits - choose 8
    - v. Parity - choose None
    - vi. Pos. Units - select accordingly
    - vii. Parameters - erase info if populated
  - i. Press Apply
- 2. Setup Phoenix Software
  - a. Choose Tanks on Site Information tab
    - i. Press Add
    - ii. Choose the Tank ID
    - iii. Choose the Tank Type
    - iv. Choose Product
    - v. Press Save
    - vi. Repeat until all tanks are added
  - b. Choose Gauge on Site Information tab
    - i. Choose Gauge Type - TLS350
    - ii. Choose FSC Pass-through Port
    - iii. Press Apply
  - c. Choose Pumps on Site Information tab
    - i. Select Add
    - ii. Select Pump Number
    - iii. Select products for valid hoses
    - iv. Select Save
  - d. Poll Gauge using Phoenix Program
    - i. Go to Utilities
    - ii. Go to Tank Gauge
    - iii. Go to Poll Gauge

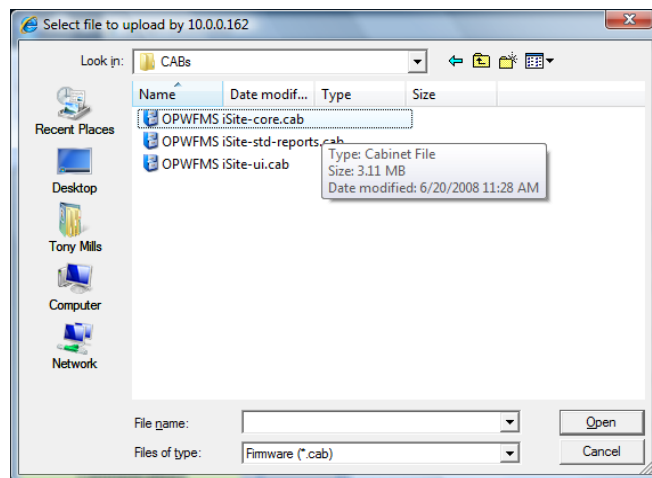
## Firmware

To upgrade the SiteSentinel® iSite™ console firmware version follow the below instructions.

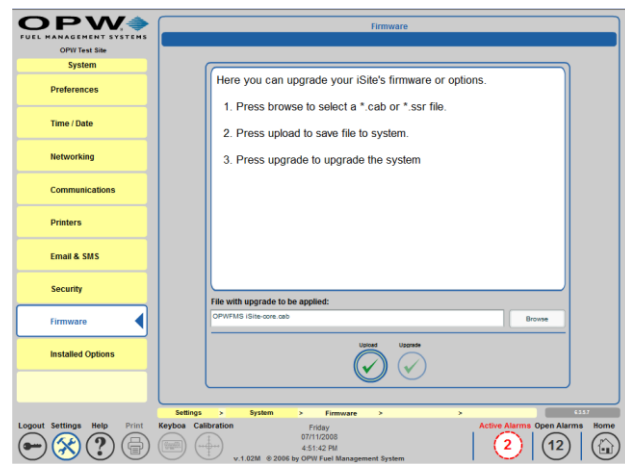
### .cab File Upgrade Process:

1. Log in to the SiteSentinel® iSite™ as a user with access to settings
2. Press\click the Settings button
3. From the Settings menu, press\click the System button
4. From the System menu, press\click the Firmware button

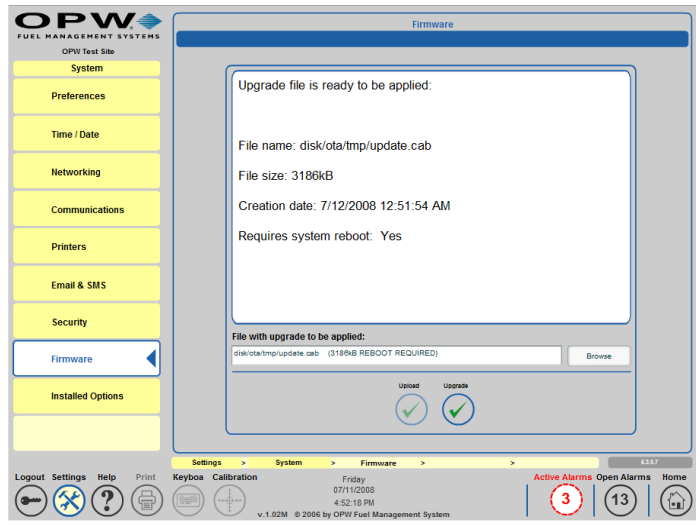
5. Now using the Browse button choose the first .cab file from the location where the update files are stored. This example (on right) shows the .cab file being pulled from a drive location on laptop. The same process is followed if the upgrade is performed locally at the SiteSentinel® iSite™ screen.



6. Once the file has been selected it will appear in the file bar at the bottom of the firmware window.
7. Now press\click the Upload button, this will transfer the file from its current location (a remote laptop drive or a local USB memory key inserted in the side of the SiteSentinel® iSite™ console) to the internal CF card in preparation for the upgrade process to begin.



8. During the transfer process a file progress indicator will be displayed showing the number of bytes transferred on the left and the number of bytes remaining on the right.
9. Once the transfer is complete, the upper pane of the Firmware screen will show the details of the file transferred.
10. To perform the .cab file upgrade process you should now press\click the Upgrade button.
11. When the upgrade is complete, the SiteSentinel® iSite™ console will reboot as indicated on the screen shown on the right.



12. Repeat the process for each of the .cab files supplied for a given upgrade, some upgrade will have multiple .cab files associated with them.

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