

Connect+

Basic User Guide



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1 General Information

Connect+ is an enterprise management software designed to monitor your store or region's performance in real-time. Currently, Connect+ supports the following Emerson Controllers: E2, Site Supervisor, and Dixell.

This guide provides a step-by-step guide for **Store Managers or Monitoring Technicians** on how to use Connect+ to monitor your stores or regions. The following topics are included in this user guide:

- How to use an Advisory Map to locate your problematic sites
- How to locate sites that are not sending alarms
- How to diagnose advisories
- How to review Live Advisories from Controllers
- How to monitor stores in real time and compare store/device performance
- How to search a Site, a Controller, or a Device in your enterprise
- Review Enterprise Summary including Stores, Controllers and Devices information
- How to export store data

1.1 Terminology

- **Advisory:** Alarm/Notice generated from Controller, or notification from Connect+.
- **Activity:** A job that users conduct to access controllers.
- **GS Screen:** Graphical Status Screen. For example, Floor Plans or Summary Screens for real-time store monitoring.
- **Nav Frame:** A tree frame located on the left side of the screen.
- **List Power Builder:** Tool for creating Watch/Graph Points list.

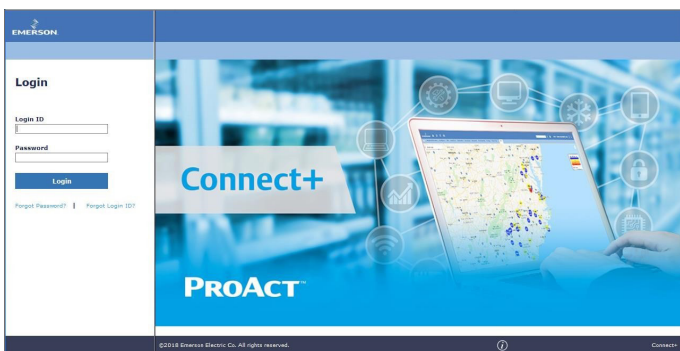
2 Logging in to Connect+

2.1 Log In

Before logging into Connect+, contact your Manager or IT Department to obtain your Connect+ Login credentials.



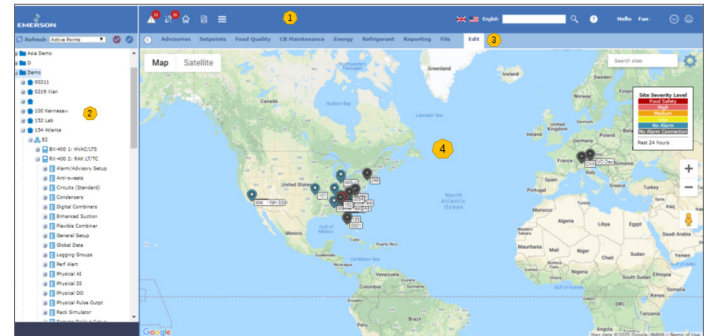
Upon your first login to Connect+, you will be asked to change your password. Please enter the generic password you received as your Current Password. Select a password with no less than 8 characters.



If you have forgotten your Password or Login ID, click **Forget Password** or **Forgot Login ID**. You must have a valid email in your user profile with Connect+ in order to receive the temporary password or Login ID.

2.2 Navigate Connect+

Once logged in, you will see that Connect+ UI is designed with four areas:

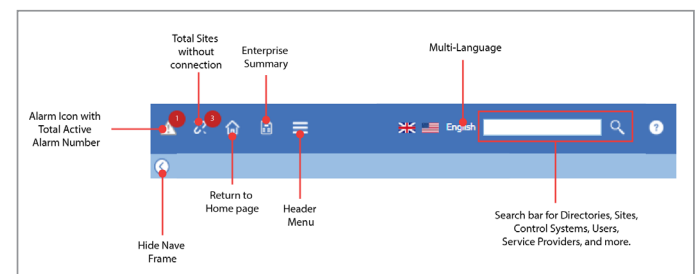


- **Area 1** contains main toolbar icons for access to the **Enterprise Level Information**, such as Alarms, Sites without Alarm Connection, Store/Device Summary, Schedule Jobs, Global Search, and more.
- **Area 2** is the **Navigation Tree**, which is set by your Administrator to reflect your Enterprise Hierarchy. The navigation tree starts from the Directory level, which reflects the Region or Banner you belong to, then your Sites that reflect your Stores. Under each store, you can review the Controllers installed, down to the Devices the

When you right-click on each level in the Navigation Tree, you will see the **Right-Click Menu**, which is provided to review information or perform activities to access controllers.

- **Area 3** is the **Context Menu**, which is associated with your Navigation Tree level. The Context Menu is same as the Tree Right-Click Menu.
- **Area 4** is the major **Review** area. When you click the **Enterprise Toolbar**, **Navigation Tree**, **Right Click-Menu**, or **Context Menu**, the information or Controller Activity progress/result is displayed in this area.

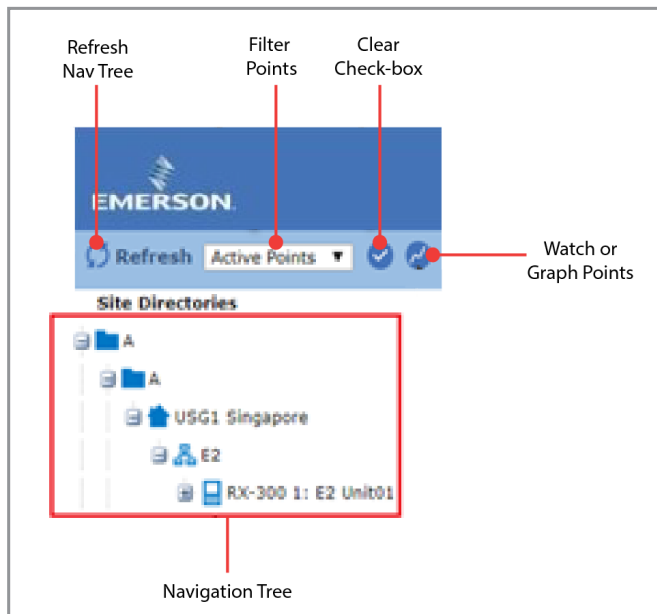
2.2.1 Connect+ Enterprise Toolbar Navigation



Alarm	Count indicates the Total Number of Active Alarms in the Past 24 Hours. Users will be directed to View Advisories upon clicking.
Sites without Connection	Count indicates the Total Number of Sites without Connection in the Past 24 Hours. Users will be directed to Connection Verification Report upon clicking.
Homepage	Users will be directed to their own Connect+ Homepage once the preference is set.
Enterprise Summary	Check Region, Site, Controller, and Device Information.
Header Menu	Access to List Power Builder and Schedule Manager to: <ul style="list-style-type: none"> • Create preferred Device Attribute List to monitor • Schedule different activities to execute jobs on Controllers
Language Setting	Allows users to change the Language Setting.
Global Search	Offers Global Search for your Site Homepage and global search for any Sites, Controllers, Devices, or Points.

2.2.2 Store Hierarchy by Navigation Tree

From the **Navigation Tree** of the Connect+ landing page interface, a Store Hierarchy is reflected by the Tree listed with the concept of **Directory, Site, Control System, Unit, Application Type, Application, and Point**.



Directory

Directory is a region or a banner of a customer. Connect+ offers a sub directory under the parent directory to reflect the user's own organization structure.

Sites

Sites are stores in the customer's organization. One site belongs to only one Directory.

Control System

A control system is a set of controllers within one localized store. A typical grocery store control system would contain building management controllers and refrigeration controllers.

Unit

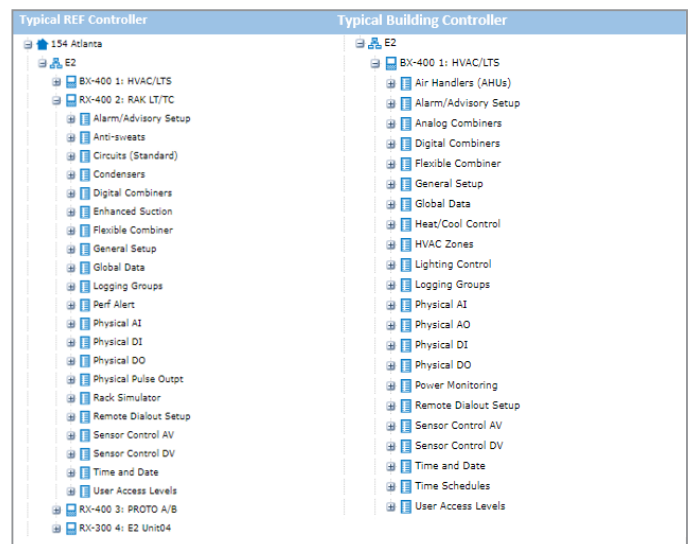
A unit is an individual controller at a site belonging to a control system. There may be more than one unit in each control system. One controller would be configured as the gateway in the control system to communicate with Connect+.

Application Type

An application type is the type of application that has been set up inside a unit (controller). There are many types of applications programmed into the controller. All application types contain applications that belong to the same application type.

Application types range from **physical applications** that connect to a real device, such as air handlers, standard circuits, sensor control, analog and digital combiners or **logical applications** such as zones, power monitoring, global data, time and dates, time schedules, user access and more.

See below figure for REF Controller Application Types and Building Controller Application Types examples:



Application Instance

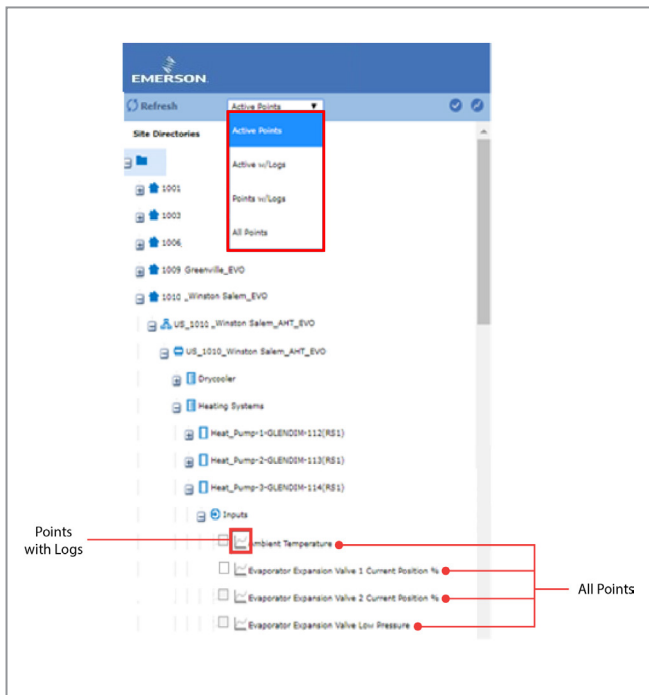
An application instance shows the application (if available) that has been programmed inside a controller to access a physical device or define the controller setting. Through the application instance, users can either access a physical device's data points, such as an ice cream case controller, or access applications that are programmed to configure the controller, such as user access or alarm settings.

Point

Application points are attributes that have been programmed inside a controller application. Access to application points allows the user to view details about the points, graph points, retrieve logs, and make changes. In Connect+, there are three categories of points: Input, Output, and Parameters.

An input point can be associated with an output point of the same data type, and vice versa (for example, digital outputs to digital inputs, analog inputs to analog outputs). An input point cannot be associated to another input point, likewise, an output point cannot be hooked to another output point.

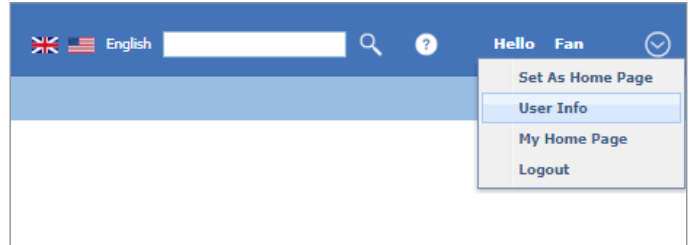
- **Active Points** is the default each time the user opens the browser and will show all configured points in the controller.
- **Active with Logs** shows active points that have a controller log available.
- **Points with Logs** shows points that have a controller log available.
- **All Points** shows all possible points for an application instance, whether a point is configured or not. An icon appears next to the point if the point has a log.



2.3 Complete My Profile and Set Preferences

2.3.1 Profile & Preference

To check your User Info to complete and set preferences, click the icon next to your name and click **User Info**:



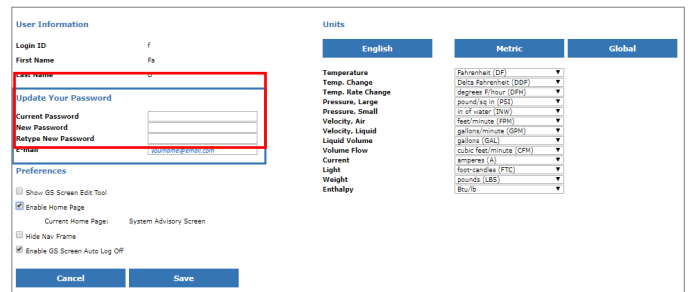
Complete Email

If you currently do not have an email, you need to enter a valid email address. Without email information:

- You cannot receive emails from Connect+ when you go through the **Forget Password** or **Forget Login ID** process.
- You cannot receive the verification code during login if your organization decides to activate Multifactor Authentication.

Updated Password

If your organization has activated the *Reset Password Every 90 Days* option, you will be reminded to update your password when your current password is expiring within 14 days.



Setting Preferences

In my User Information Preferences and Units section, you can set your Connect+ Navigation Preferences and Engineering Units.

- **Show GS Screen Edit Tool:** This allows the GS Screen menu visible on the right-click tree menu. Default is not enabled.
- **Enable Home Page:** This allows you to set your Connect+ Homepage. Default is not enabled.

- **Hide Nav Frame:** This allows you to hide the navigation tree. Default is not hiding.
- **Enable GS Screen Auto Logout:** This allows you to be automatically logged off when the GS Screen page is inactive for 30 minutes.
- **Engineering Units:** English/Metric/Global units. Default is English units.

User Information		Units		
Login ID	f	English	Metric	Global
First Name	Fa	Temperature	Fahrenheit (°F)	
Last Name	D	Temp. Change	Delta Fahrenheit (Δ°F)	
Update Your Password		Temp. Rate Change	Degrees Per Hour (DPH)	
Current Password		Pressure, Large	pounds/in. (PSI)	
New Password		Pressure, Small	feet/minute (FPM)	
Repeat New Password		Velocity, Air	gallons/minute (GPM)	
E-mail	youname@email.com	Liquid Volume	gallons (Gal)	
Preferences		Volume Flow	cubic feet/minute (CFM)	
<input type="checkbox"/> Show GS Screen Edit Tool		Current	amperes (A)	
<input checked="" type="checkbox"/> Enable Home Page	Current Home Page: System Advisory Screen	Light	foot-candles (FC)	
<input type="checkbox"/> Hide Nav Frame		Weight	pounds (LBS)	
<input checked="" type="checkbox"/> Enable GS Screen Auto Log Off		Calorific	Btu/lb	
<input type="button" value="Cancel"/> <input type="button" value="Save"/>				

You can set your language preference directory from the Enterprise Toolbar. Currently, you can only choose from English or Spanish.

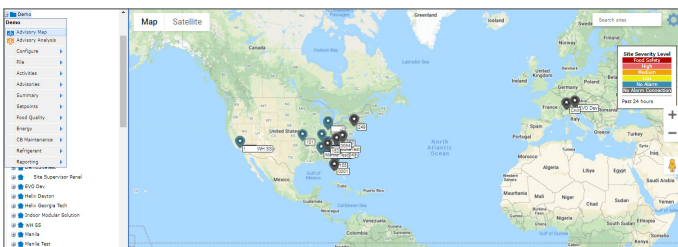


2.3.2 Set Connect+ Homepage

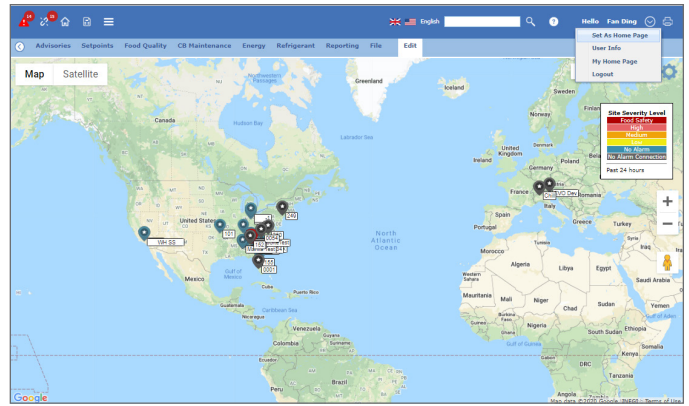
When you enable the Homepage Setting, you will see the **Set as Homepage** menu option when you click the **User Profile** icon next to your name. Currently, Connect+ allows you to set Graphical Screens as your Connect+ homepage.

It is recommended to set the Enterprise Advisory Map as your Connect+ Homepage for overall optimal Enterprise performance.

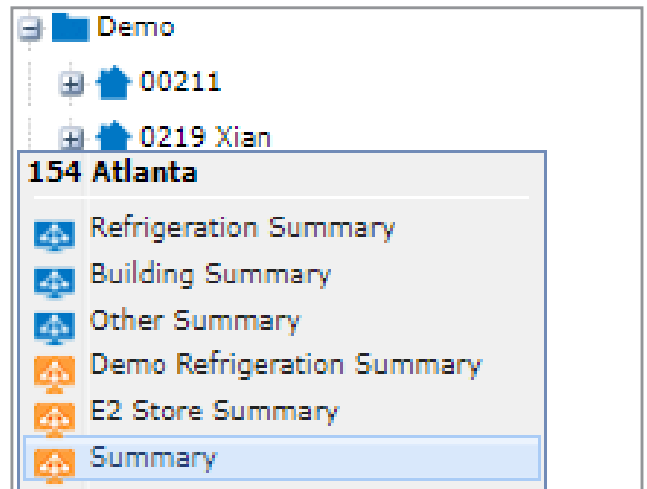
If the Advisory Map has been enabled for your organization, you can access Advisory Map at the Directory Level. Click your organization's parent directory, or access from the right-click menu > **Advisory Map**.



When you are on the Advisory Map page, you will see all Sites in different alarming states. The Advisory Map allows you to have a quick glance on your Sites' status in the past 24 hours. Click **Set As Home Page** from the user profile icon next to your name.



You can also set other Graphical Screens as your Homepage. As introduced in the *What is Connect+ session*, Graphical Screens are Floor Plans or Summary Screens are for real-time store monitoring. You can access these Graphical Screens from the Navigation Tree, when you right-click any level, you will see a list of System Summary Screens indicated with a blue icon, and customized graphical screens indicated with an orange icon.



Open any Graphical Screen at any Tree Level, click **User Profile > Set As Homepage**, and the Graphical Screen will be set as your Connect+ Homepage.

Note: You can also set the Homepage for each Site. This will be covered in more detail in the Graphical Screen session.

2.4 Manage Your Own List

A list contains points that you are interested in. You have flexibilities to choose your preferred points from different stores and controllers for the same Application Type to compare store performance. Or you can also select a number of points for a single store or controller to monitor.

You can also create your own list using the **List Power Builder**. Access List Power Builder from the **Header Menu > List Power Builder > Add New**.

Watch Points Lists
Select a list to load or type in a new List Name to create a new List.

Load List:

List Name:

Criteria
Use * (asterisk) for wildcard at the start or end of a match string. Separate multiple matches in a single field with commas. Additional Help

- Directory
- Site
- Control System
- Unit
- Application Type
- Application Instance
- Point Category
- Point

Active w/Logs:

Add To List

List Size: 0

No.	Dir	Site	CS	Unit	App Type	App Inst	Category	Point

You can create a new list by entering your criteria under the **Criteria** section on the right as shown in the figure below. For example, if you want to get all the case controller temperature points, you can leave the Directory/Site/Control System/ Unit blank and enter the case controller Application Type name. If there are multiple names, separate them by commas. Then enter the Point Name as the same name from your tree. Click **Add To List** and the list of points are retrieved as shown below.

You can also filter points and remove filtered items to further refine your list.

Watch Points Lists
Select a list to load or type in a new List Name to create a new List.

Load List:

List Name:

Save as new List

Criteria
Use * (asterisk) for wildcard at the start or end of a match string. Separate multiple matches in a single field with commas. Additional Help

- Directory
- Site
- Control System
- Unit
- Application Type:
- Application Instance
- Point Category
- Point

Add To List

List Size: 10000 Remove All Items

No.	Dir	Site	CS	Unit	App Type	App Inst	Category	Point
✓ 1	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low!
✓ 2	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low-Category
✓ 3	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low-Display Message
✓ 4	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low-Monitor Alarm
✓ 5	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low-Repeat Rate
✓ 6	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low
✓ 7	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low-Category
✓ 8	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low-Display Message
✓ 9	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low-Monitor Alarm
✓ 10	Refrigeration Service	Site 2	SS	Bldg-HVAC/Lite	AHULarge	AHU 1	Params	A FreezeStat input is too low-Repeat Rate

Showing 1 - 10 of 10000 Page Size: 10 Next >

Enter a unique name for your list. **Save As A New List** button will display when you have a valid list name. Click **Save**, and you can use this point list later to watch your store.

Watch Or Graph Points

Display Log Graph

Retrieve Logs + Graph

Retrieve Logs

Retrieve Logs + Export

Export

NOTE: Only the first 15 points will be used on the graph.

Point
✓ 1. HVAC/LTS"/Air Handlers (AHUs)/1-MAIN AHU/Outputs/SPACE TEMP OUT
✓ 2. HVAC/LTS"/Air Handlers (AHUs)/SALES AREA/Outputs/SPACE TEMP OUT
✓ 3. HVAC/LTS"/Air Handlers (AHUs)/RTU-1 BAKERY/Outputs/SPACE TEMP OUT
✓ 4. HVAC/LTS"/Air Handlers (AHUs)/RTU-2A PRODUCE/Outputs/SPACE TEMP OUT
✓ 5. HVAC/LTS"/Air Handlers (AHUs)/RTU-2B PRODUCE/Outputs/SPACE TEMP OUT
✓ 6. HVAC/LTS"/Air Handlers (AHUs)/RTU-3 KITCHEN/Outputs/SPACE TEMP OUT
✓ 7. HVAC/LTS"/Air Handlers (AHUs)/RTU-4 CONF RM/Outputs/SPACE TEMP OUT
✓ 8. HVAC/Air Handlers (AHUs)/IT STORAGE/Outputs/SPACE TEMP OUT
✓ 9. HVAC/Air Handlers (AHUs)/RECEPTION AREA/Outputs/SPACE TEMP OUT
✓ 10. HVAC/Air Handlers (AHUs)/REFG LAB/Outputs/SPACE TEMP OUT
✓ 11. HVAC/Air Handlers (AHUs)/SIDNEY CONF RM/Outputs/SPACE TEMP OUT

3 Advisory Map, Advisory View, and Live Advisories

Advisory is defined as the notifications or alarms generated from Controllers to report store crisis. Currently Connect+ supports receiving Advisories directly from Emerson Controllers E2, Site Supervisor, and Dixell. Connect+ can also receive Advisories from Danfoss if a Danfoss Site is sending alarms to the ProAct Alarm Service.

Advisory Type by Controller:

- **E2:** Alarm, Device Failure, Notice
- **Site Supervisor:** Critical, Non-Critical, Notice
- **Dixell:** NA
- **Danfoss:** Severe, Critical, Normal, Log Only

Advisory State:

Each advisory in Connect+ have two states: **Active** or **Return to Normal**.

An advisory remains active until the condition to generate the advisory returns to normal.

Active

An Advisory occurs when a controller generates the alarm based on the alarm parameter configured. Alarm parameters involved in advisory occurrence are High/Low limit and Alarm Delay.

For example, technicians can configure Case Controller Temperature Alarm Hi/Low limits for the normal temperature range. And a 10-minute Alarm Delay. Once the temperature is outside of the setpoint, either above Hi Limit or under the Low Limit, the controller will wait until the Alarm Delay passes and then generate an alarm.

The alarm will remain Active from the Advisory Occurrence Time until the point value returns to normal.

Return to Normal

An Advisory will Return to Normal once the point value is back inside the normal range. There is another Alarm Configuration that will affect the Advisory Return to Normal time: Alarm Hysteresis. When the Alarm hysteresis is configured, an Advisory will change to the Return to Normal state only when the current point value is in range of (Hi Limit – Alarm Hysteresis) and (Low Limit + Alarm Hysteresis).

Advisory Priority:

Advisory Priority is a concept with Emerson Controllers E2 and Dixell. Connect+ provides the same concept for these two controllers.

- E2 1-99
- Site Supervisor NA
- Dixell 1-99

Urgency Level

Urgency Level is a Connect+ defined Advisory Property. When you have multiple controllers across organization, it is difficult to tell which Advisory need your immediate attention with different Advisory definition for different controllers.

In order to solve this problem, Connect+ defined Urgency Levels as shown below. This allows users to have a consistent view of Advisories Severity. Currently the definition is default in Connect+:

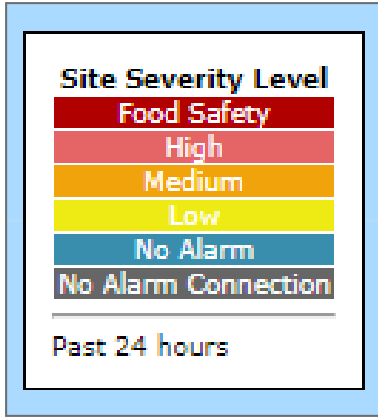
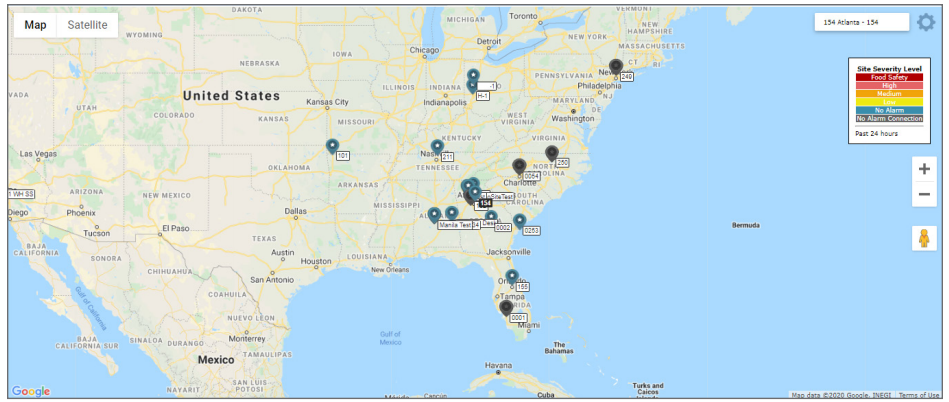
Advisory Priority for E2 and Dixell			
Urgency	Priority	State	Example Alarm Type
High	1 to 20	Active	Room Temp Alarm
Food Safety			Case Temp and Prod Temp
Medium	21 to 50		Heat Pump Status Block Alarm
Low	51 to 99		HRC Alarm from Heat Pump
Low	1 to 99	RTN	

Advisory Priority for Site Supervisor			
Urgency	Priority	State	Example Alarm Type
High	Critical	Active	Room Temp Alarm
Food Safety			Case Temp and Prod Temp
Medium	Non-Critical		Heat Pump Status Block Alarm
Low	Notice		
Low	Any	RTN	

3.1 Advisory Map

3.1.1 Access problematic stores via Advisory Map

If your organization has enabled Advisory Maps, when you click the parent directory in the Navigation Tree, you will see an Advisory Map as shown below with the Advisory Urgency legends. You can set this page as your Connect+ Homepage for Enterprise View.

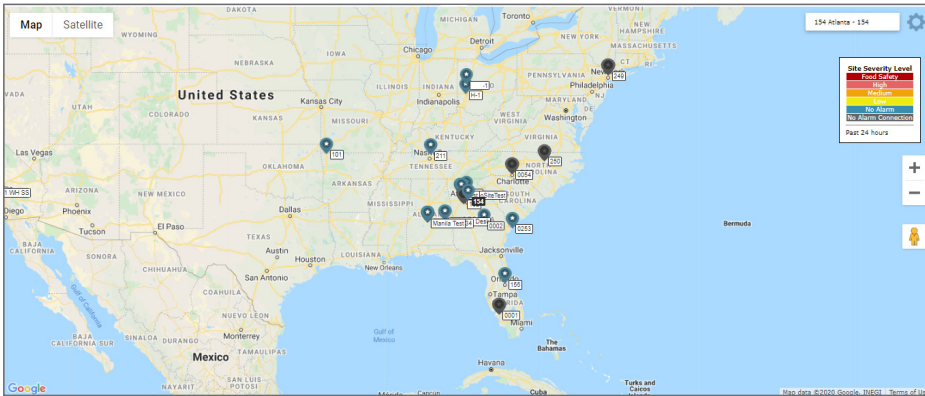


Sites in the Advisory Map are indicated with an Alarm Urgency Level in the past 24 hours. You can click on any problematic Sites to further investigate based on the below legends:

- Red indicates Sites with Food Safety Alarms/High Alarms.
- Orange indicates Sites with Medium Urgency Alarms.
- Yellow Indicates Sites with Low Urgency Alarms.
- Green indicates Sites that does not have active Alarms.
- Grey and Flashing indicates Sites without Alarm Connection.

If you know your Site Name, you can also enter the site name in the search box. The search result will flash for 5 seconds on the Advisory Map for you to check further details.

When you click the Site, you will see a snapshot of the Site, which includes Site Name, Site Address, and several quick links:



EMERSON

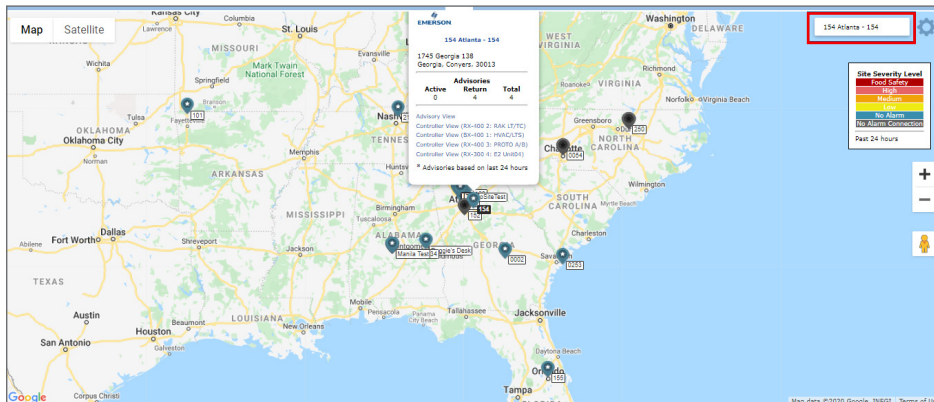
154 Atlanta - 154

1745 Georgia 138
Georgia, Conyers, 30013

Advisories		
Active	Return	Total
0	4	4

Advisory View
 Controller View (RX-400 2: RAK LT/TC)
 Controller View (BX-400 1: HVAC/LTS)
 Controller View (RX-400 3: PROTO A/B)
 Controller View (RX-300 4: E2 Unit04)

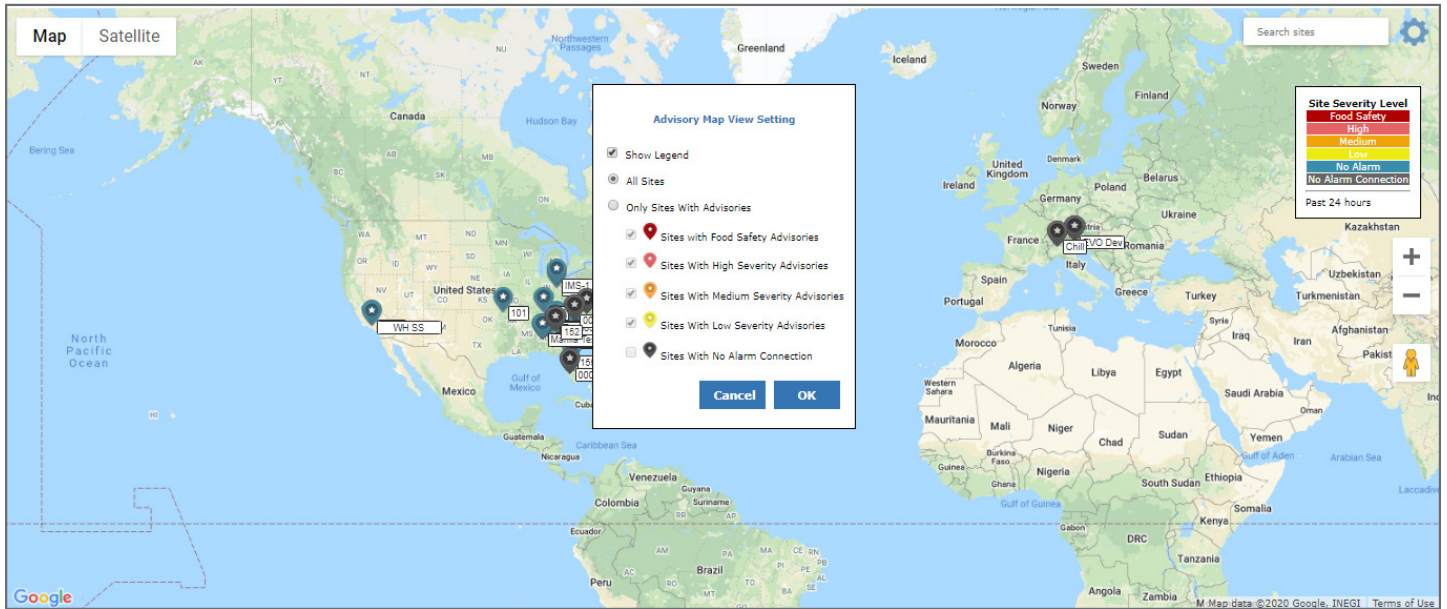
* Advisories based on last 24 hours



- When clicking the Site Name, you will be directed to your Site Home Screen if configured.
- When clicking Advisory View, you will be directed to View Advisories.
- When clicking Controller View, you will be log into Controller Terminal Mode.

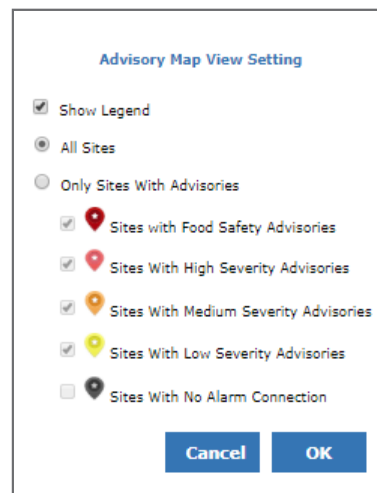
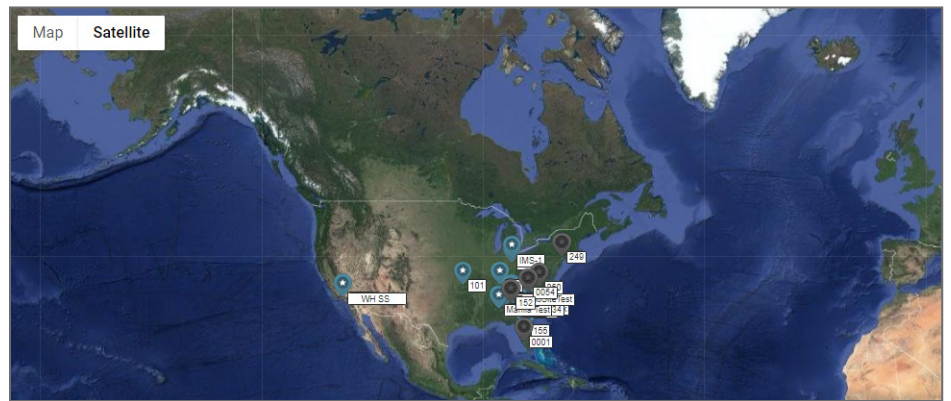
The Advisory Map View allows you to review your stores and locate problem sites as quickly as possible. The quick links for each site provide access to locate advisory information and take further actions. From Advisory View, you can review Alarm Details with Log Graphs. From Controller View, you can access Terminal Mode if you need to change settings to clear the alarm.

3.2.1 Your Advisory Map Setting



- 1. Map or Satellite View:** Allows toggling between Google Maps view or Satellite view. With the satellite view, you can view a real image of your stores, sometimes including roof top unit views.
- 2. Setting:** If you have many stores, your Advisory Map might appear crowded. You can filter your stores in the Advisory Map to have focused views:

Once you click **OK**, your Advisory Map Preference is saved. When you view the Directory Advisory Map again, it will only show the sites with your set preferences.



3.2 Advisory View

The Enterprise toolbar alarm icon provides a quick overview of **how many total active alarms you have across your stores in the past 24 hours**. Whenever there is new alarm received by Connect+, the number will increase and flash for several seconds.



3.2.1 Advisory List View

You can access the **Advisory List View** when you click this toolbar. As in the Advisory Map View, the Advisory List View is organized by Advisory Urgency Level:

Advisories View

High 12
Medium 0
Low 1
All

Occurrence Date | Past 24 Hours | Time Perspective | Site Time | Show 25

Reset Filters | Refresh Advisories | Restore Default Format

A...	State	Occurrence Date	Age	Site	Type	Advisory Message	Source	Prio...	Application Insta...	Source Type	Status	Point	Limit
	Active	4/25/2020 8:29 AM	10.5 h		Alarm	Case Temp Hi Limit Exceeded		20	A12 SDK BEER	Device	Accepted	CASE TEMP 2	48.0
	Active	4/25/2020 9:46 AM	16.2 h		Fail	Controller Not Sending Alarms sinc...		10		System	Accepted		
	Active	4/25/2020 12:09 AM	19.9 h		Notice	Compressor Cycle Rate Exceeded		60	Back C Suction	CB Mainte...	Accepted	CYCLE RATE STA...	240.0
	Active	4/24/2020 10:46 PM	21.2 h		Fail	Controller Not Sending Alarms sinc...		10		System	Accepted		
	Active	4/24/2020 10:46 PM	21.2 h		Fail	Controller Not Sending Alarms sinc...		10		System	Accepted		
	Active	4/24/2020 10:46 PM	21.2 h		Fail	Controller Not Sending Alarms sinc...		10		System	Accepted		
	Active	4/24/2020 10:46 PM	21.2 h		Fail	Unknown Code: 20,001 (Controller...		10		System	Accepted		
	Active	4/25/2020 4:46 AM	21.2 h		Fail	Controller Not Sending Alarms sinc...		10		System	Accepted		
	Active	4/25/2020 4:46 AM	21.2 h		Fail	Controller Not Sending Alarms sinc...		10		System	Accepted		
	Active	4/25/2020 8:16 AM	21.2 h		Fail	Controller Not Sending Alarms sinc...		10		System	Accepted		
	Active	4/24/2020 10:46 PM	21.2 h		Fail	Controller Not Sending Alarms sinc...		10		System	Accepted		
	Active	4/25/2020 4:46 AM	21.2 h		Fail	Controller Not Sending Alarms sinc...		10		System	Accepted		
	Active	4/24/2020 9:46 PM	22.2 h		Fail	Unknown Code: 20,001 (Controller...		10		System	Accepted		

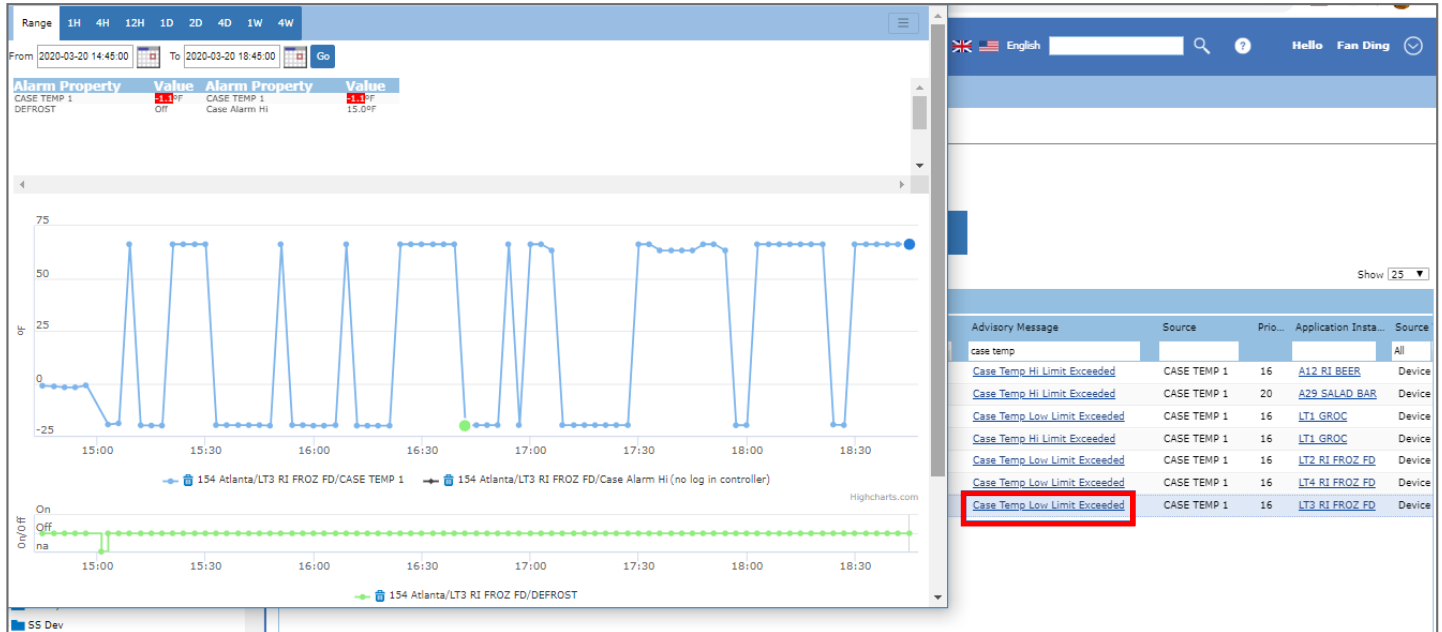
Column Name	Description
Occurrence Date	Displays the date time when the advisory was generated on the controller.
Received Date	Displays the date time when the advisory received in Connect+.
Alarm Age	Displays advisory duration: <ul style="list-style-type: none"> If the advisory is still active, Alarm Age = Current Date time – Occurrence Date. If the advisory is return to normal, Alarm Age = Return to Normal Date – Occurrence Date.
RTN Date	Displays the date time when advisory is back to normal.
Source	Displays controller, application, and property information from which the advisory was generated.
Source Type	Besides controller, Connect+ will also generate Advisories. Such as Controller Offline Alarm, Predictive Maintenance Alarm, and more. Source Type indicates if it is from Controller, Device, or Connect+ Applications.
Point	Displays point from which the advisory was generated.
Limit	Displays the high or low limit the advisory will exceeded to generate the advisory. This is usually configured by your technician during commissioning phase on the controller.
Trip Value	Displays the point value when advisory is generated.
Advisory Message	Displays an explanation of the advisory. This is usually configured by your technician during commissioning phase on the controller.
Add Comment	Users can add comment of the selected advisory.
Comment	Displays the latest comment user added.
Type	Different Controllers using different Type to categorize Alarm Severity. <ul style="list-style-type: none"> E2: Alarm, Fail & Notice for E2 Site Supervisor: Critical, Non-critical & Notice
Priorities	Displays urgency level of advisories as numerical (1-99). It is configurable in Controller

3.2.2 Read Alarm Related Log Graph

From the Advisory List View, you can access **Advisory Detail Information and log into the controller** (if needed):

- Access Point Log Graph from Advisory Message Link

From Advisory View, you can only see the alarm-related points Log Graph. The same applies to the Log Graph in Advisory Email. You can read the multiple points Log Graph from Watch Points & Graphical Screens.



The information below will help you read the Log Graph:

Item	Description
Log Graph Range	Set the time range of the data to show point log in the graph.
Alarm Status	Displays advisory point and its related points value and alarm status.
Point Log	Displays advisory point and its related points log in graph.
Defrost Cycle	Displays defrost status in graph.
Setting	You can choose time perspective, download, print, save log graph date range as default.

3.2.3 Other Quick Links

From the Advisory List View, there are other quick links to:

- Access Site Home Screen from Site Link
- Access Controller Summary Screen from Unit Link
- Access Application Summary Screen from Application Type Link

3.2.4 Filter Advisory List View

Filter Advisory List by Urgency Level or Occurrence Time

The screenshot shows the 'Advisories View' interface. At the top, there are buttons for 'High 12', 'Medium 0', 'Low 1', and 'All'. Below these are filters for 'Food Safety 1'. A dropdown menu for 'Occurrence Date' is open, showing options: 'Past 24 Hours', 'Current Week', 'Past Week', 'Current Month', 'Past Month', and 'Custom Range'. The main table lists various advisories with columns for State, Occurrence Date, Age, Site, Type, Advisory Message, Source, Priority, Application Instance, Source Type, Status, Point, and Limit.

Filter Advisories by Filed Filter: For example, if you enter **Case Temp** in the Advisory Message field, all the alarms will be filtered with Advisory Message that contains **Case Temp**.

This screenshot shows the 'Advisories View' with a search filter applied. The 'Advisory Message' column header has a search box containing 'case temp'. The table below shows only one advisory that matches the filter: an 'Alarm' type with the message 'Case Temp Hi Limit Exceeded'.

3.2.5 Customized Advisory List View

You can customize your Advisory List View by:

- Adding or removing more columns as indicated below.
- Dragging the column header to reorganize your field sequence.
- Clicking on each column header to sort the list.

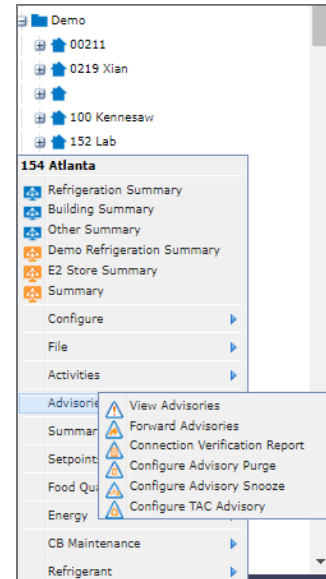
Your preferences will be saved for future viewing:

This screenshot shows the 'Advisories View' with the 'Columns' menu open. The menu lists various columns with checkboxes to toggle their visibility. The 'Advisory Message' column is highlighted. The background table shows a list of advisories.

3.2.6 Access Advisory List View from Navigation Tree

You can also access the Advisory View from all levels in Navigation Tree by clicking **Right Click Menu > Advisories > View Advisories**.

This allows additional flexibility to access Advisories at a certain Site, Controller, Device, or a known Point.



3.3 Live Advisories

If your organization will not enable Advisory Receiving in Connect+, your advisories can be viewed in Live Advisories. Connect+ will access the Control System or Controller to get Live Advisories on the Controller when you click **Right Click Menu > Advisories > View Live Advisories** from the Navigation Tree at the Control System or controller level.

Live Advisories View (Advisories are 16 seconds old.)

High 69 Medium 12 Low 531 All

Occurrence Date [All] Show 25

Reset Filters Refresh Advisories Restore Default Format

Occurrence Date	Type	Unit	Source	Prio...	Status	Advisory Message	Advisory Limit	Property Value
04/25/2020 16:06:02	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/25/2020 10:06:12	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/25/2020 04:06:03	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/24/2020 22:06:12	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/24/2020 16:06:02	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/24/2020 10:06:02	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/24/2020 04:06:17	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/23/2020 22:05:51	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/23/2020 16:06:01	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/23/2020 10:06:18	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/23/2020 04:06:02	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/22/2020 22:06:18	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/22/2020 16:06:07	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B23B FISH CLR :PRODUCT TEMP 1	20	Unacknowledged	Product Temp Hi Limit Exceeded	41.0	66.2
04/22/2020 11:33:19	Alarm	RX-400 3: PROTO ...	PROTO A/B:ATC MONITOR A :COMMAND OUT	15	Unacknowledged	Digital Sensor Alarm	OFF	OFF
04/22/2020 11:33:19	Alarm	RX-400 3: PROTO ...	PROTO A/B:ATC MONITOR B :COMMAND OUT	15	Unacknowledged	Digital Sensor Alarm	OFF	OFF
04/22/2020 11:27:24	Alarm (rtn)	RX-400 2: RAK LT/TC	RAK LT/TC:LT2 R1 FROZ FD:CASE TEMP 1	16	Unacknowledged	Case Temp Hi Limit Exceeded	10.0	13.2
04/22/2020 11:26:20	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:B21A SVC PLTRY:CONTROL TEMP	16	Unacknowledged	Comb Temp Hi Limit Exceeded	41.0	40.0
04/22/2020 11:25:19	Alarm (rtn)	RX-400 3: PROTO A/B	PROTO A/B:Walk-in Cooler:CASE TEMP 1	16	Unacknowledged	Case Temp Hi Limit Exceeded	41.0	39.4

Page 1 of 25 | Displaying advisories 1 - 25 of 612

Field Name	Description
Cleared Date	Displays the date time when advisory is cleared on controller.
Status	Displays whether the advisory has been Acknowledged, Unacknowledged, or Muted.

As with the Advisory View, you can sort, filter, and add more columns for your review. You can also export to Excel, PDF or HTML files.

4 View Sites Not Sending Alarms

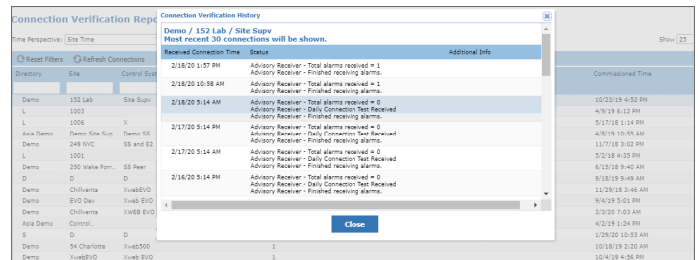
Sites that are grayed out are sites not sending alarms from Advisory Map. To determine the number of sites not sending alarms and more information, you can click the **Sites not Sending Alarms** icon on Enterprise toolbar.



You will see a list of sites that are not sending alarms in the Connection Verification Report.

Connection Verification Report							
Time Perspective: Site Time		View: Problem Sites		Show 25			
Directory	Site	Control System	Test Connections Per Day	Number Of Missed Connections	Last Received Time	Next Received Time	Commissioned Time
Demo	152 Lab	Site Supv	2	2	2/18/20 1:57 PM	4/25/20 5:12 AM	10/23/19 4:52 PM
L	1003	Xweb EVO	1	1	6/12/19 2:52 PM		4/9/19 6:12 PM
L	1006	Xweb EVO	1	1	6/12/19 2:52 PM		5/17/18 1:14 PM
Asia Demo	Demo Site Supervi...	Demo SS	1	1	5/8/19 3:29 PM	4/25/20 11:02 AM	4/8/19 10:55 AM
Demo	249 NYC	SS and E2	24	24	1/31/19 10:11 PM	4/24/20 8:07 PM	11/7/18 3:02 PM
L	1001	Xweb EVO	1	1	12/6/18 8:51 AM		5/2/18 4:35 PM
Demo	250 Wake Forrest	SS Peer	1	1	7/2/18 7:37 AM	4/24/20 9:07 PM	6/15/18 9:40 AM
D	D	D					9/18/19 9:49 AM
Demo	Chillventa	XwebEVO	1	1			11/29/18 3:46 AM
Demo	EVO Dev	Xweb EVO	1	1			9/4/19 5:01 PM
Demo	Chillventa	XWEB EVO Fiera	1	1			3/3/20 7:03 AM
Asia Demo	Controls 2	Controls 2	1	1			4/2/19 1:24 PM
S	D	D					1/29/20 10:53 AM
Demo	54 Charlotte	Xweb500	1	1			10/18/19 2:20 AM
Demo	XwebEVO	Xweb EVO	1	1			10/4/19 4:56 PM

Field Name	Description
Test Connections per Day	Displays the number of connection tests that occurred for the controller in 24 hours.
Number of Missed Connections	Displays the number of connection tests missed for the controller in 24 hours.
Last Received Time	Displays the date and time when the latest connection test or alarm was received.
Next Received Time	Displays the date and time when the next test connection will occur.
Commissioned Date	Displays the date and time when you configured to send an advisory configuration such as connection test time and advisory filter priorities for alarms, failures, and notices for E2 and Site Supervisor. And displays the first refresh unit date time as commissioned Date for XWEB and Danfoss.



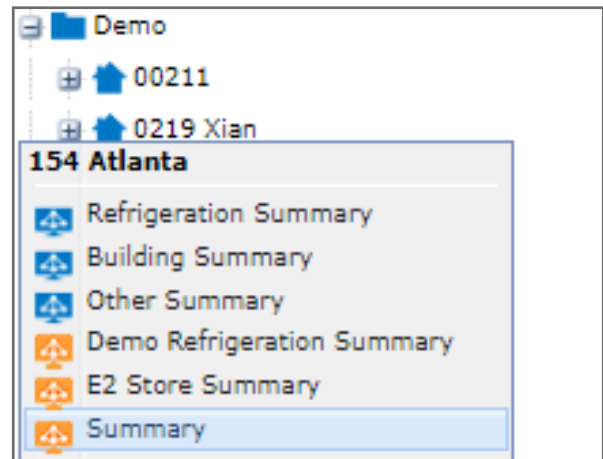
As with Advisory View, you can sort, filter, and add more columns for your review. You can also export to Excel, PDF or HTML files.

5 Monitor Site from Graphical Screens

5.1 Graphical Screen

Graphical Screens are floor plans or summary screens for real-time store monitoring. You can access these Graphical Screens from the Navigation Tree, when you right-click on any level, you will see a list of System Screens indicated with a blue icon, and Customized Screens indicated with an orange icon.

- **System Screens** are provided by Connect+ with predefined summaries at Site, Controller, Application Type, and Application level.
- **Customized Screens** can be developed by your Admin or Emerson to facilitate your customized needs to monitor or compare store performance.



5.2 What You Can Do with Graphical Screens

You can right click on Point Value and Override a Point, you can also **Display Log Graph**, **Real Time Graph**, and **View Advisories for the Point**. Note you can only use the right-click menu in a Point value field.

Refrigeration Summary

Unit	Suction Group	Suction	Suct SP	Suct Temp	Disch	Active Stages	Total Stages	% Cap	Status
No application instances of this type									

Unit	Enhanced Suct Grp	Suction	Suct SP	Suct Temp	Disch	Active Stages	Total Stages	% Cap	Status
RX-400 2: RAK LT/TC	RACK LT	17.0 PSI	15.0 PSI	NONE			4	100.0 %	OK
RX-400 2: RAK LT/TC	RACK TC	20.0 PSI	15.0 PSI	NONE			2	100.0 %	OK
RX-400 3: PROTO A/B	PROTOCOL A	54.0 PSI	50.0 PSI	NONE			6	100.0 %	OK
RX-400 3: PROTO A/B	PROTOCOL B	63.9 PSI	54.0 PSI	NONE			6	50.0 %	OK

Unit	Condenser	P Ctrl	P Set
RX-300 4: E2 Unit04	CONDENSER	NONE PSI	200.0 PSI
RX-400 2: RAK LT/TC	CONDENSER LT	216.2 PSI	210.0 PSI
RX-400 2: RAK LT/TC	CONDENSER TC	172.4 PSI	180.0 PSI
RX-400 3: PROTO A/B	CONDENSER A	??	??
RX-400 3: PROTO A/B	CONDENSER B	150.0 PSI	222.0 PSI

Unit	Circuit (CC)	Alarm	State	Temp	Setpt
No application instances of this type					

SUCT MON TEMP

Override

Display Log Graph

Graph Collection

Show on Real-time Graph

Point Properties

Connection Verification Report

Forward Advisories

View Advisories

Create Setpoint Broadcast

Configure Advisory Snooze

Configure CB Maintenance

Configure Log Purge

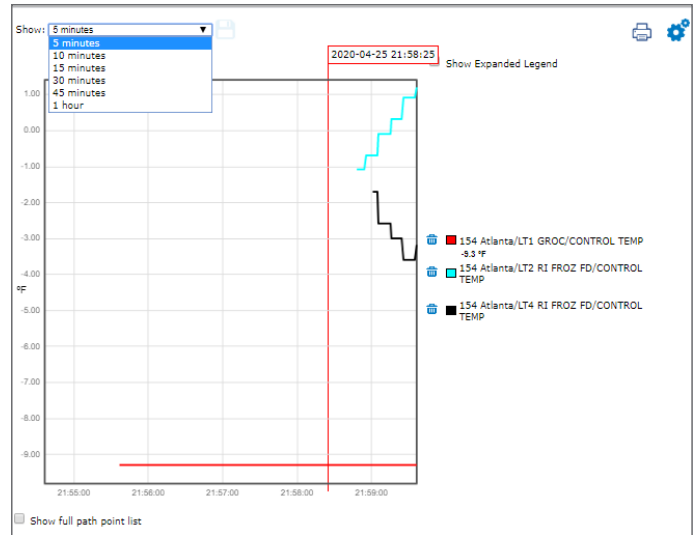
Edit Application Instance

Standard	Alarm	State	Temp	Setpt
..	REFRIGERATION	-9.3 °F	-12.0 °F	
'D	REFRIGERATION	-1.4 °F	0.0 °F	
'D	REFRIGERATION	0.0 °F	0.0 °F	
'D	REFRIGERATION	-2.2 °F	0.0 °F	
'D	REFRIGERATION	-1.7 °F	0.0 °F	
MT	REFRIGERATION	1.0 °F	0.0 °F	
'D	REFRIGERATION	-0.5 °F	0.0 °F	
..	REFRIGERATION	-1.6 °F	-1.0 °F	
..	REFRIGERATION	0.1 °F	0.0 °F	
..	REFRIGERATION	25.0 °F	28.0 °F	
..	REFRIGERATION	-7.5 °F	0.0 °F	
..	REFRIGERATION	42.7 °F	50.0 °F	

Back
Home
Building Summary
Other Summary

While you can View Point Log Graph from Advisory View, Advisory Email, Watch Point and Graphical Screens, you can only **View Point Real Time Graph from Graphical Screens**.

Real Time Graph allows you to watch the Point value change in real time for different time intervals from 5 minutes up to 1 hour. You can also add more points from the Graphical Screen to Real Time Graph by right-clicking on the point value. The point path will be shown on the real time graph.



5.3 System Summary Screen

Tree Level	Name	Description
Site	Refrigeration Summary	Includes critical points from Suction Group, Condenser, and Case Controllers.
	Building Summary	Includes critical points from Outside/Inside Temp and Humidity, AHU Temp & Status, Lighting Status, and Schedules.
	Other Summary	Includes critical points from Anti-Sweat, Demand Control, Power Channel, Analog Sensor, and Digital Sensor.
Unit	Controller Summary	Sites usually has multiple controllers: <ul style="list-style-type: none"> Building Controller Summary is a subset of Site Building Summary for that specific controller. Ref Controller Summary is a subset of Site REF Summary for that specific controller.
App Type	Summary	Includes critical points for below Application Types: Circuits and other Case Controllers, Condenser, Suction Group, Physical AI/DI/DO, Sensor Control AV/DV, HVAC Zone, Lighting Control, Power Monitoring, Anti-Sweat, Analog Combiner, Digital Combiner, Flexible Combiner, and more.
	Defrost Summary	Only applies to Case Controller Application Types
App Ins	Status	Includes critical input, setpoint and output points properties for Application Instance. Only an App Instance from an Application Type that has Summary Screen will have a Status Screen. (See App Type > Summary)
	Graphical Summary	Can be found in Application Instances from AHU, Condenser, Circuits, Suction Group, Sensor AV/DV for graphical presentation of the physical device.

How to Read Summary Screens

Summaries comprise several tables. The table header is defined as:

Unit	“Application Type Name”	“Point Name”	“Point Name”	“Point Name”
“Controller Name”	“App. Instance Name”	Point Value	Point Value	Point Value

In the below example, each table header has **Unit** as fixed header, with **different Application Type** such as Enhanced Suct Grp, Condenser, Circuit (CC) and Circuit (Standard). For each Application Type, point is also different.

ALARMING!

Unit	Enhanced Suct Grp	Suction	Suct SP	Suct Temp	Disch	Active Stages	Total Stages	% Cap	Status
RX-400 2: RAK LT/TC	RACK LT	17.0 PSI	15.0 PSI	NONE °F	NONE PSI	4	4	100.0 %	OK
RX-400 2: RAK LT/TC	RACK TC	20.0 PSI	15.0 PSI	NONE °F	NONE PSI	2	2	100.0 %	OK
RX-400 3: PROTO A/B	PROTOCOL A	54.0 PSI	50.0 PSI	NONE °F	150.0 PSI	6	6	100.0 %	OK
RX-400 3: PROTO A/B	PROTOCOL B	52.3 PSI	54.0 PSI	NONE °F	NONE PSI	5	6	83.3 %	OK

Controller Name/App. Ins. Name **Point Value**

Unit	Condenser	P Ctrl	P Setpt	T Setpt	T Ctrl	VS RPM	VS %	State
RX-300 4: E2 Unit04	CONDENSER	NONE PSI	200.0 PSI	??	??	??	??	Fan(s) On
RX-400 2: RAK LT/TC	CONDENSER LT	212.1 PSI	210.0 PSI	??	??	??	??	Fan(s) On
RX-400 2: RAK LT/TC	CONDENSER TC	182.3 PSI	180.0 PSI	??	??	??	??	Fan(s) On
RX-400 3: PROTO A/B	CONDENSER A	??	??	97.0 °F	69.5 °F	??	??	Fan(s) Off
RX-400 3: PROTO A/B	CONDENSER B	150.0 PSI	222.0 PSI	??	??	??	??	Fan(s) Off

Summary Table Header **Unit/Application Type Name**

Unit	Circuit (CC)	Alarm	State	Temp	Setpt
No application instances of this type					

Unit	Circuit (Standard)	Alarm	State	Temp	Setpt
RX-400 2: RAK LT/TC	LT1 BRDL	..	REFRIGERATION	-9.3 °F	-12.0 °F
RX-400 2: RAK LT/TC	LT2 RI FROZ FD	..	REFRIGERATION	0.7 °F	0.0 °F
RX-400 2: RAK LT/TC	LT3 RI FROZ FD	..	REFRIGERATION	-0.4 °F	0.0 °F
RX-400 2: RAK LT/TC	LT4 RI FROZ FD	..	REFRIGERATION	0.7 °F	0.0 °F
RX-400 2: RAK LT/TC	LT5 RI FROZ FD	..	REFRIGERATION	-2.0 °F	0.0 °F
RX-400 2: RAK LT/TC	LT6 MD FROZ MT	..	REFRIGERATION	-1.6 °F	0.0 °F
RX-400 2: RAK LT/TC	LT7 RI FROZ FD	..	REFRIGERATION	1.7 °F	0.0 °F
RX-400 2: RAK LT/TC	LT8A DT MEAT	..	REFRIGERATION	0.4 °F	-1.0 °F
RX-400 2: RAK LT/TC	LT8B DT MEAT	..	REFRIGERATION	-1.2 °F	0.0 °F
RX-400 2: RAK LT/TC	LT8C DT MEAT	..	REFRIGERATION	28.6 °F	28.0 °F
RX-400 2: RAK LT/TC	LT9 SEAFD FRZR	..	REFRIGERATION	-7.5 °F	0.0 °F
RX-400 2: RAK LT/TC	MEAT PREP 30	..	REFRIGERATION	46.6 °F	50.0 °F

5.4 View Customized Screens

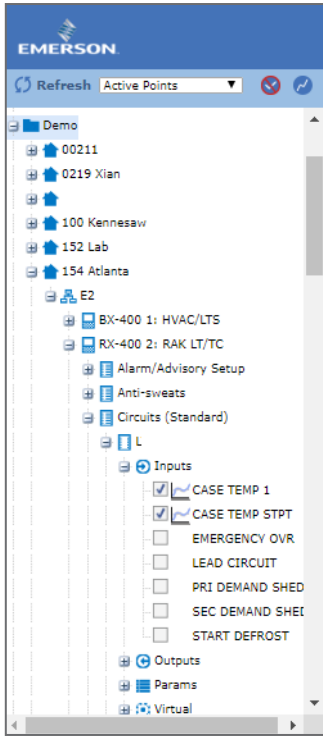
Your organization Administrator, Service Provider, or Emerson Project Team might have developed Customized Screens for you. Connect+ Graphical Screen Tools provides different widget to allow library images and visual presentations of your store to be created.

You can view store floor plans as shown below or pull data from several stores to compare Food Safety Setpoints. Consult your Administrator, Service Provider, or Emerson Project Team about your needs. You can set a Customized Screen as a Homepage or Site Homepage for quicker access.



6 Watch and Graph Points

6.1 Watch Points



Watch Points: It allows the user to view the real time value of the points.

When you click on the Watch Point Icon, you will be directed to Watch or Graph Points page.

Watch Or Graph Points

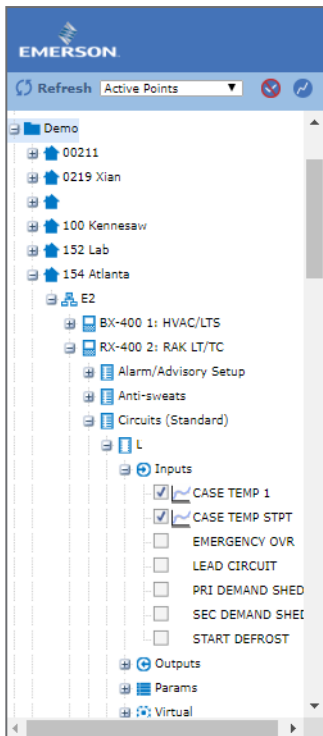
Select points to watch or graph by using the checkboxes in the tree.

Load Selection from list:

Notes:
Disabled point names indicate points which only have logs and cannot retrieve real time values.

[List Power Builder](#)

You can select Points to watch or Graphs using the checkboxes in the tree or load Points from a list.



Select Points to Watch from the Tree

Load Points from a List

Watch Or Graph Points

Select points to watch or graph by using the checkboxes in the tree.

Load Selection from list:

- ...select list...
- ...select list...
- AHU List
- Amazon REF Points

Notes:
Disabled point names indicate points which only have logs and cannot retrieve real time values.

[List Power Builder](#)

Now you have many points in your review area. Click **Watch Points** at the bottom right corner.

A screenshot of the Watch Points interface. It shows a list of four points: 75. BX2/Air Handlers (AHUs)/ NORTH DEH/Outputs/SPACE TEMP OUT, 76. BX2/Air Handlers (AHUs)/ SALES/Outputs/SPACE TEMP OUT, 77. BX2/Air Handlers (AHUs)/ STOCKROOM/Outputs/SPACE TEMP OUT, and 78. BX2/Air Handlers (AHUs)/ BREAKROOM/Outputs/SPACE TEMP OUT. Below the list are buttons for 'Remove All', 'Save as new list', 'Delete List', and 'Watch Points'. There is also a search box labeled 'AHU List' and a dropdown menu for 'Load Selection from list' with 'AHU List' selected.

Wait several seconds for Connect+ to establish the real time communication to your controllers. You will see the value changes from “?” to meaningful values.

A screenshot of the Watch Or Graph Points interface. The left sidebar shows a tree view of 'Circuits (Standard)' with 'Inputs' and 'Outputs' expanded. The main area shows a table of points with their real-time values. The table has columns for 'Point' and 'Sample'. The points listed are: 1. HVAC/LTS*/Air Handlers (AHUs)/1-MAIN AHU/Inputs/COOL PROOF1 (Off), 2. RAK LT/TC*/Circuits (Standard)/Inputs/CASE TEMP 1 (-9.39F), 3. RAK LT/TC*/Circuits (Standard)/Inputs/CASE TEMP STPT (-12.09F), 4. RAK LT/TC*/Circuits (Standard)/Inputs/CASE TEMP 1 (-1.39F), and 5. RAK LT/TC*/Circuits (Standard)/Inputs/CASE TEMP STPT (0.09F). Above the table are buttons for 'Display Log Graph', 'Retrieve Logs + Graph', 'Retrieve Logs', 'Retrieve Logs + Export', and 'Export'. Below the table are buttons for 'Remove All', 'Save as new list', and 'Stop Watching'. There is also a search box and a dropdown menu for 'Load Selection from list'.

6.2 What Else You Can Do With Points

In the Watch or Graph Points page, in addition to a watch points' real value, you can also:

- Display Log Graph, Retrieve Logs, and Export for multiple points selected.
- Right-click on each point to access the Display Point Graph, Real Time Graph, and View Advisories.

A screenshot of the Watch Or Graph Points interface. The top navigation bar is highlighted with a red box, showing buttons for 'Display Log Graph', 'Retrieve Logs + Graph', 'Retrieve Logs', 'Retrieve Logs + Export', and 'Export'. Below the navigation bar is a table of points. A context menu is open over the first point, '1. HVAC/Air Handlers (AHUs)/IT STORAGE/Outputs/SPACE TEMP OUT'. The menu items are: 'SPACE TEMP OUT', 'Override', 'Show on Real-time Graph', 'Point Properties', 'Connection Verification Report', 'Forward Advisories', 'View Advisories', 'Create Setpoint Broadcast', 'Configure Advisory Snooze', 'Configure CB Maintenance', 'Configure Log Purge', and 'Edit Application Instance'. A note above the table states: 'NOTE: Only the first 15 points will be used on the graph.'

6.2.1 Display Log Graph

We have introduced how to read log graphs in the Advisory View session. You can also Display Log Graphs from Watch Points.

- To view an alarming point's log graph, right-click on the point name and select Display Log Graph. The Log Graph you displayed is the same as the one you shown in the Advisory View.
- To view multiple points log graph, click Display Log Graph and all selected points' log graph will be shown for the same time period.



6.2.2 Retrieve Logs

If the points you selected do not have logs retrieved, you might want to click the **Retrieve Logs + Graph** button or from the graph click the **menu** and the click the **Refresh** icon (shown as two arrows in a circle). When you Retrieve Logs, Connect+ will display the Activity progress.

Retrieve Logs From List
In Progress 62%

Target : Directory	Multiple
Started	4/25/20 10:53 PM
Duration	2 seconds
StartMethod	On Demand
User	

Hide Details

Calculating Execution Data...
Processing 5 points...
Done processing points.
Starting on Directory Demo

Cancel

Once completed, you can go to  **Header Menu > Activities > View My Activity History** to check the Retrieve Logs status.

My Activity History - Results

Occurrence Date: Show:

[Reset Filters](#) [Refresh Activity History](#)

Activity	Started	Duration	Target	Result	Exceptions Report
<input type="text" value="Retrieve Logs From List"/>				<input type="text" value="All"/>	
<input type="checkbox"/> Retrieve Logs From List	4/25/20 8:25 PM	00:00:03	Multiple	✓ Completed	
<input type="checkbox"/> Retrieve Logs From List	4/25/20 8:24 PM	00:00:02	Multiple	✓ Completed	

6.2.3 Export

To export log data for these points, click **Export** and enter the time range. Click **Go** to start the export. Once completed, an excel file will download to your computer.

Display Log Graph	Retrieve Logs + Graph	Retrieve Logs	Retrieve Logs + Export	Export
From: <input type="text" value="2020-04-24 00:00:00"/>	To: <input type="text" value="2020-04-26 23:59:59"/>	Time Perspective: <input type="text" value="Site Time"/>	File Type: <input type="text" value="Comprehensive"/>	Go

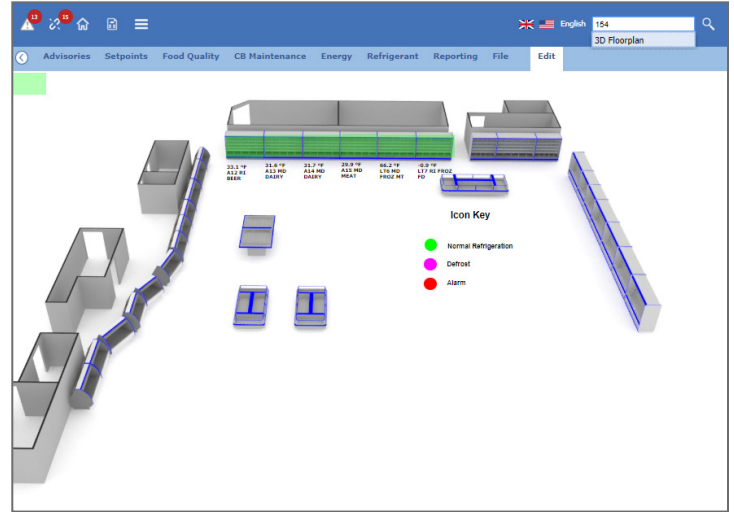
7 Global Search

A search can be performed by entering criteria into the search field on the Connect+ header. You can search for a Site's Home Screen, or for a specific Directory, Sites, Controller, Devices or Points.



When a site is configured with a Site Home Screen, you can search the Home Screen by entering the site name.

To go directly to a Site's Home screen, click in the search bar and select the Site Home Screen Name from the drop-down menu.



If you click the search button, it will perform a normal search and returns all related results.

Name	Type	Context
Condensers	Application Type	> Demo > 162 > E2 > RX-400 4: LT DESK > Condensers
Condensers	Application Type	> A_Kennesaw TechSupport > SS > E2 > RX-400 2: E2 Unit02 > Condensers
Condensers	Application Type	> H > 00258 > E2 > RX-300 1: RACK A > Condensers
Condensers	Application Type	> H > 00258 > E2 > RX-300 2: RACK B > Condensers
Condensers	Application Type	> H > 00258 > E2 > RX-300 3: RACK C > Condensers
Condensers	Application Type	> Demo > 154 Atlanta > E2 > RX-400 3: PROTO A/B > Condensers
Condensers	Application Type	> Demo > 154 Atlanta > E2 > RX-400 2: RAK LT/TC > Condensers
Condensers	Application Type	> M > M00296 > E2 > RX-400 2: RACK 1 > Condensers
Condensers	Application Type	> M > M00296 > E2 > RX-400 3: RACK 2 > Condensers
Condensers	Application Type	> M > M00296 > E2 > RX-400 4: RACK 3 > Condensers
Condensers	Application Type	> M > M00296 > E2 > RX-400 5: RACK 4 > Condensers
Condensers	Application Type	> M > M00296 > E2 > RX-400 6: RACK 5 > Condensers
Condensers	Application Type	> M > M00296 > E2 > RX-400 7: UNIT 6 > Condensers
Condensers	Application Type	> M > M00120 > E2 > RX-400 1: RACK 1&2 > Condensers
Condensers	Application Type	> M > M00120 > E2 > RX-400 2: RACK 3&4 > Condensers
Condensers	Application Type	> M > M00120 > E2 > RX-400 3: RACK 5 > Condensers
Condensers	Application Type	> RX400-Refrig:LT DESK > Condensers
Condensers	Application Type	> Test > Fan Test > RX-400 2: RAK LT/TC > Condensers
Condensers	Application Type	> Test > Fan Test > RX-400 3: PROTO A/B > Condensers
Condensers	Application Type	> Test > Fan Test > RX-300 4: E2 Unit04 > Condensers

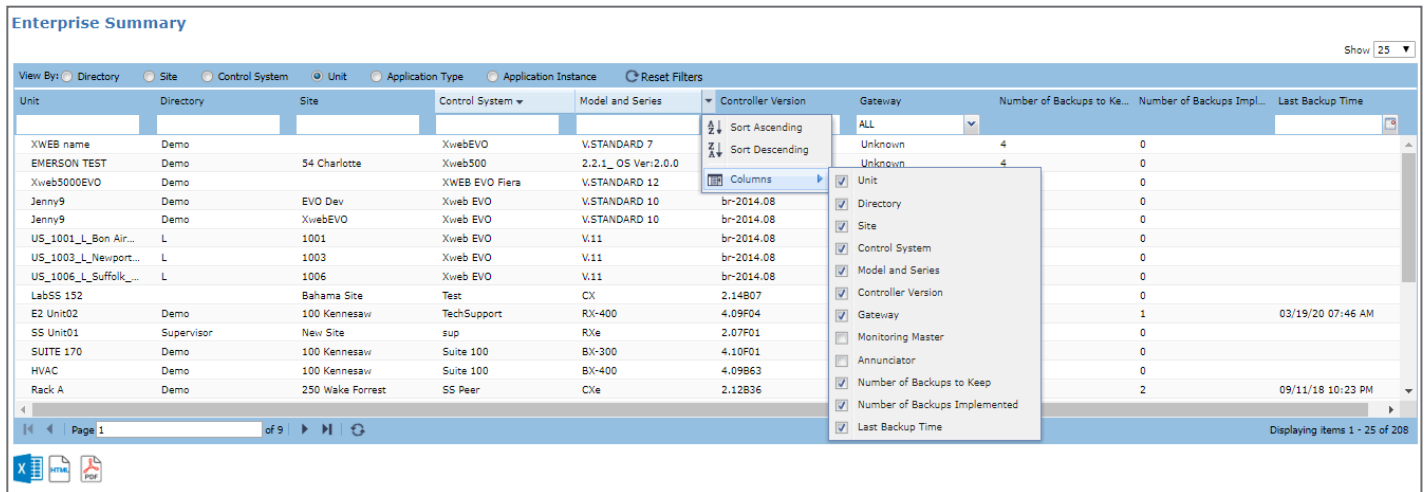
8 View Enterprise Summary

The View Enterprise Summary located in the Toolbar Menu displays the overall understanding of your Enterprise Assets such as:

- How many stores do I have?
- How many controllers do I have?
- How many are building controllers?
- How many are Ref Controllers?
- How many are E2 and how many are Site Supervisor?
- How many Case Controllers do I have?
- How many Roof Top Units do I have?



You can view Enterprise Summary from Directory to Application Instance. Each contains different information.



The screenshot shows the 'Enterprise Summary' application interface. At the top, there are filter tabs: 'View By: Directory', 'Site', 'Control System', 'Unit', 'Application Type', and 'Application Instance'. A 'Reset Filters' button is also present. The main area is a table with columns: 'Unit', 'Directory', 'Site', 'Control System', 'Model and Series', 'Controller Version', 'Gateway', 'Number of Backups to Ke...', 'Number of Backups Impl...', and 'Last Backup Time'. A 'Columns' menu is open over the table, showing a list of columns with checkboxes: 'Unit', 'Directory', 'Site', 'Control System', 'Model and Series', 'Controller Version', 'Gateway', 'Monitoring Master', 'Annunciator', 'Number of Backups to Keep', 'Number of Backups Implemented', and 'Last Backup Time'. The table contains several rows of data, including 'XWEB name', 'EMERSON TEST', 'Xweb5000EVO', 'Jenny9', and 'US_1001_L_Bon Air...'. The bottom of the interface shows a pagination bar with 'Page 1 of 9' and a status bar with 'Displaying items 1 - 25 of 208'.

Unit	Directory	Site	Control System	Model and Series	Controller Version	Gateway	Number of Backups to Ke...	Number of Backups Impl...	Last Backup Time
XWEB name	Demo		XwebEVO	V.STANDARD 7		Unknown	4	0	
EMERSON TEST	Demo	54 Charlotte	Xweb500	2.2.1_OS Ver:2.0.0		Unknown	4	0	
Xweb5000EVO	Demo		XWEB EVO Fiera	V.STANDARD 12				0	
Jenny9	Demo	EVO Dev	Xweb EVO	V.STANDARD 10	br-2014.08			0	
Jenny9	Demo	XwebEVO	Xweb EVO	V.STANDARD 10	br-2014.08			0	
US_1001_L_Bon Air...	L	1001	Xweb EVO	V.11	br-2014.08			0	
US_1003_L_Newport...	L	1003	Xweb EVO	V.11	br-2014.08			0	
US_1006_L_Suffolk...	L	1006	Xweb EVO	V.11	br-2014.08			0	
LabSS 152		Bahama Site	Test	CX	2.14807			0	
E2 Unit02	Demo	100 Kennesaw	TechSupport	RX-400	4.09F04			1	03/19/20 07:46 AM
SS Unit01	Supervisor	New Site	sup	RXe	2.07F01			0	
SUITE 170	Demo	100 Kennesaw	Suite 100	BX-300	4.10F01			0	
HVAC	Demo	100 Kennesaw	Suite 100	BX-400	4.09B63			0	
Rack A	Demo	250 Wake Forrest	SS Peer	CXe	2.12B36			2	09/11/18 10:23 PM

As with Advisory View, you can sort, filter, and add more columns for your review. You can also export to Excel, PDF, or HTML files.

Appendix A: Summary of Export Capability

Data to Export	Connect+ Page	UI Access
Advisories	Advisory View	Toolbar Menu & Tree
Live Advisories	Live Advisory	Control System
Log Data	Watch Points	Watch Point Page
	Log Graph	Advisories View > Log Graph > Setting Watch Points > Log Graph > Setting Graphical Screens > Log Graph > Setting
Connection Verification Report	Site not Sending Alarms	Toolbar Menu
Enterprise Summary	Enterprise Summary	Toolbar Menu

Appendix B: System Summary Screens

System Summary Screen	UI Access Level
Refrigerant Summary	Site
Building Summary	Site
Other Summary	Site
Summary (Controller)	Unit
Summary (Application)	Application Type
Defrost Summary	Application Type
Graphical Status	Application Instance
Status	Application Instance

Site Level: Refrigeration Summary

Refrigeration Summary

Unit	Suction Group	Suction	Suct SP	Suct Temp	Disch	Active Stages	Total Stages	% Cap	Status
No application instances of this type									

Unit	Enhanced Suct Grp	Suction	Suct SP	Suct Temp	Disch	Active Stages	Total Stages	% Cap	Status
RX-400 2: RAK LT/TC	RACK LT	17.0 PSI	15.0 PSI	NONE °F	NONE °F	4	4	100.0 %	OK
RX-400 2: RAK LT/TC	RACK TC	20.0 PSI	15.0 PSI	NONE °F	NONE °F	2	2	100.0 %	OK
RX-400 3: PROTO A/B	PROTOCOL A	54.0 PSI	50.0 PSI	NONE °F	NONE °F	6	6	100.0 %	OK
RX-400 3: PROTO A/B	PROTOCOL B	63.9 PSI	54.0 PSI	NONE °F	NONE °F	6	6	50.0 %	OK

Unit	Condenser	P Ctrl	P Set
RX-300 4: E2 Unit04	CONDENSER	NONE PSI	200.0 PSI
RX-400 2: RAK LT/TC	CONDENSER LT	216.2 PSI	210.0 PSI
RX-400 2: RAK LT/TC	CONDENSER TC	172.4 PSI	180.0 PSI
RX-400 3: PROTO A/B	CONDENSER A	? ?	? ?
RX-400 3: PROTO A/B	CONDENSER B	150.0 PSI	222.0 PSI

Unit	Circuit (CC)	Alarm	State	Temp	Setpt
No application instances of this type					

SUCT MON TEMP

Override

Display Log Graph

Graph Collection

Show on Real-time Graph

Point Properties

Connection Verification Report

Forward Advisories

View Advisories

Create Setpoint Broadcast

Configure Advisory Snooze

Configure CB Maintenance

Configure Log Purge

Edit Application Instance

Unit	Standard Alarm	State	Temp	Setpt
RX-400 2: RAK LT/TC	LT8A DT MEAT	..	REFRIGERATION -1.6 °F	-1.0 °F
RX-400 2: RAK LT/TC	LT8B DT MEAT	..	REFRIGERATION 0.1 °F	0.0 °F
RX-400 2: RAK LT/TC	LT8C DT MEAT	..	REFRIGERATION 25.0 °F	28.0 °F
RX-400 2: RAK LT/TC	LT9 SEAFD FRZR	..	REFRIGERATION -7.5 °F	0.0 °F
RX-400 2: RAK LT/TC	MEAT PREP 30	..	REFRIGERATION 42.7 °F	50.0 °F

Back
Home
Building Summary
Other Summary

Site Level: Building Summary

/Demo/154 Atlanta

Building Summary

Unit	Outside Temp	Outside Hum	Inside Hum	Outside Light
BX-400 1: HVAC/LTS	NONE °F	NONE RH	NONE RH	NONE Ftc
RX-300 4: E2 Unit04	NONE °F	NONE RH	NONE RH	NONE Ftc
RX-400 2: RAK LT/TC	NONE °F	NONE RH	NONE RH	NONE Ftc
RX-400 3: PROTO A/B	NONE °F	NONE RH	NONE RH	NONE Ftc

Unit	AHU	Temp	Setpt	Status	Occupied
BX-400 1: HVAC/LTS	1-MAIN AHU	NONE °F	NONE °F	No Ctrl	UNOCC
BX-400 1: HVAC/LTS	AHU1	NONE °F	NONE °F	No Ctrl	UNOCC
BX-400 1: HVAC/LTS	GMP-SALES AREA	NONE °F	NONE °F	No Ctrl	UNOCC
BX-400 1: HVAC/LTS	RTU-1 BAKERY	NONE °F	NONE °F	No Ctrl	UNOCC
BX-400 1: HVAC/LTS	RTU-2A PRODUCE	NONE °F	NONE °F	No Ctrl	UNOCC
BX-400 1: HVAC/LTS	RTU-2B PRODUCE	NONE °F	NONE °F	No Ctrl	UNOCC
BX-400 1: HVAC/LTS	RTU-3 KITCHEN	NONE °F	NONE °F	No Ctrl	UNOCC
BX-400 1: HVAC/LTS	RTU-4 CONF RM	NONE °F	NONE °F	No Ctrl	UNOCC

Unit	ARTC	Temp	Occup	Unit	Lighting (ENH)	Output	Unit	Schedule	Output
No application instances of this type									
BX-400 1: HVAC/LTS				BX-400 1: HVAC/LTS	OUTSIDE LIGHTS	On	BX-400 1: HVAC/LTS	10101	na
BX-400 1: HVAC/LTS				BX-400 1: HVAC/LTS	PARKING LOT	On	BX-400 1: HVAC/LTS	MAIN OCCUPANCY	Off
BX-400 1: HVAC/LTS				BX-400 1: HVAC/LTS	SALES LIGHTS	On	BX-400 1: HVAC/LTS	RTU-1 OCCUPANCY	na
BX-400 1: HVAC/LTS				BX-400 1: HVAC/LTS	STOCK LIGHTS	Off	BX-400 1: HVAC/LTS	RTU-2A OCCUPANCY	On
							BX-400 1: HVAC/LTS	RTU-2B OCCUPANCY	On
							BX-400 1: HVAC/LTS	RTU-3 OCCUPANCY	On
							BX-400 1: HVAC/LTS	RTU-4 OCCUPANCY	On

Back
Home
Refrigeration Summary
Other Summary

Other Summary

Unit	Anti-Sweat	Dewpoint	ON %
RX-400 2: RAK LT/TC	ANTI-SWEAT01	NONE °F	0.0
RX-400 2: RAK LT/TC	ANTI-SWEAT02	NONE °F	0.0
RX-400 2: RAK LT/TC	ANTI-SWEAT03	NONE °F	0.0

Unit	Demand Control	Instant	Status
No application instances of this type			

Unit	Power Channel	KW	Avg KW	Shed	Time in Shed
BX-400 1: HVAC/LTS	MAIN POWER MON	0.0 KW	0.0 KW	RESTORE 0	

Unit	Analog Sensor	Value	Command
BX-400 1: HVAC/LTS	COMPRESOR ROOM	NONE °F	Off
BX-400 1: HVAC/LTS	COMPUTER ROOM	NONE °F	Off
BX-400 1: HVAC/LTS	PHARMACY TEMP	NONE °F	Off
RX-400 2: RAK LT/TC	AMB TMP SEL LT	NONE °F	Off
RX-400 2: RAK LT/TC	AMB TMP SEL TC	90.0 °F	Off
RX-400 2: RAK LT/TC	AMB TMPALC LT	90.0 °F	Off
RX-400 2: RAK LT/TC	AMB TMPALC TC	NONE °F	Off
RX-400 2: RAK LT/TC	DIS TEMP RK LT	NONE °F	Off
RX-400 2: RAK LT/TC	DIS TEMP RK TC	NONE °F	Off
RX-400 2: RAK LT/TC	DISCH TEMP LT	NONE °F	On

Unit	Digital Sensor	Ctrl Value	Command
BX-400 1: HVAC/LTS	Load	Off	Off
RX-400 2: RAK LT/TC	12VDC PWR RX#2	Off	Off
RX-400 2: RAK LT/TC	ALARM DISABLE	na	Off
RX-400 2: RAK LT/TC	ATC BYPASS LT	Off	Off
RX-400 2: RAK LT/TC	ATC BYPASS TC	Off	Off
RX-400 2: RAK LT/TC	ATC CONTROL LT	Off	On
RX-400 2: RAK LT/TC	ATC CONTROL TC	Off	On
RX-400 2: RAK LT/TC	MTPREP RUN PRF	Off	Off
RX-400 3: PROTO A/B	ALARM DISABLE	na	Off
RX-400 3: PROTO A/B	ATC CONTROL A	Off	On

Back
Home
Refrigeration Summary
Building Summary

Controller Unit Level: Controller Summary

Building Controller Summary

Controller Summary

Outside Temp	Outside Hum	Inside Hum	Outside Light
NONE °F	NONE RH	NONE RH	NONE Ftc

AHU	Temp	Setpt	Status	Occupied
1-MAIN AHU	NONE °F	NONE	No Ctrl	UNOCC
AHU1	NONE °F	NONE	No Ctrl	UNOCC
AREA	NONE °F	NONE	No Ctrl	UNOCC
RTU-1 BAKERY	NONE °F	NONE	No Ctrl	UNOCC
RTU-2A PRODUCE	NONE °F	NONE	No Ctrl	UNOCC
RTU-2B PRODUCE	NONE °F	NONE	No Ctrl	UNOCC
RTU-3 KITCHEN	NONE °F	NONE	No Ctrl	UNOCC
RTU-4 CONF RM	NONE °F	NONE	No Ctrl	UNOCC

ARTC	Temp	Occup
No application instances of this type		

Lighting (ENH)	Output
OUTSIDE LIGHTS	On
PARKING LOT	On
SALES LIGHTS	On
STOCK LIGHTS	Off

Schedule	Output
10101	na
MAIN OCCUPANCY	Off
RTU-1 OCCUPANCY	na
RTU-2A OCCUPANCY	On
RTU-2B OCCUPANCY	On
RTU-3 OCCUPANCY	On
RTU-4 OCCUPANCY	On

Ref Controller Summary

Controller Summary									
Suction Group	Suction	Suct SP	Suct Temp	Disch	Active Stages	Total Stages	% Cap	Status	
No application instances of this type									
Enhanced Suct Grp	Suction	Suct SP	Suct Temp	Disch	Active Stages	Total Stages	% Cap	Status	
RACK LT	17.0 PSI	15.0 PSI	NONE °F	NONE PSI	4	4	100.0 %	OK	
RACK TC	20.0 PSI	15.0 PSI	NONE °F	NONE PSI	2	2	100.0 %	OK	
Condenser	P Ctrl	P Setpt	T Ctrl	T Setpt	VS RPM	VS %	State		
CONDENSER LT	211.3 PSI	210.0 PSI	??	??	??	??	Fan(s) On		
CONDENSER TC	171.9 PSI	180.0 PSI	??	??	??	??	Fan(s) On		
Circuit (CC)	Alarm	State	Temp	Setpt	Circuit (Standard)				
No application instances of this type									
GROC	..	REFRIGERATION	-9.3 °F	-12.0 °F					
FROZ FD	..	REFRIGERATION	0.3 °F	0.0 °F					
FROZ FD	..	REFRIGERATION	1.3 °F	0.0 °F					
FROZ FD	..	REFRIGERATION	0.2 °F	0.0 °F					
FROZ FD	..	REFRIGERATION	-1.4 °F	0.0 °F					
FROZ MT	..	REFRIGERATION	0.2 °F	0.0 °F					
FROZ FD	..	REFRIGERATION	-0.3 °F	0.0 °F					
DT MEAT	..	REFRIGERATION	-0.7 °F	-1.0 °F					
DT MEAT	..	REFRIGERATION	-1.7 °F	0.0 °F					
DT MEAT	..	REFRIGERATION	22.0 °F	28.0 °F					
FRZR	..	REFRIGERATION	-7.5 °F	0.0 °F					
MEAT PREP 30	..	REFRIGERATION	50.1 °F	50.0 °F					

Application Type Level: Summary Screens

Circuits (Standard)									
Back	Home	Name	State	Temp	Setpt	Alarm	Refr	Defr	
		GROC	REFRIGERATION	-9.3 °F	-12.0	..	On	Off	
		RI FROZ FD	REFRIGERATION	-0.6 °F	0.0	..	Off	Off	
		RI FROZ FD	REFRIGERATION	1.4 °F	0.0	..	Off	Off	
		RI FROZ FD	REFRIGERATION	-2.8 °F	0.0	..	Off	Off	
		RI FROZ FD	REFRIGERATION	-0.9 °F	0.0	..	Off	Off	
		MD FROZ MT	REFRIGERATION	1.0 °F	0.0	..	Off	Off	
		RI FROZ FD	REFRIGERATION	-1.8 °F	0.0	..	Off	Off	
		MEAT	REFRIGERATION	-2.2 °F	-1.0	..	Off	Off	
		MEAT	REFRIGERATION	1.7 °F	0.0	..	On	Off	
		MEAT	REFRIGERATION	27.1 °F	28.0	..	Off	Off	
		FRZR	REFRIGERATION	-7.5 °F	0.0	..	On	Off	
		MEAT PREP 30	REFRIGERATION	47.0 °F	50.0	..	Off	Off	
		SRVC FISH	REFRIGERATION	-3.5 °F	34.0	..	On	Off	
		RI ICREAM	REFRIGERATION	-5.3 °F	-10.0	..	On	Off	
		RI ICREAM	REFRIGERATION	-1.7 °F	-10.0	..	On	Off	
		RI FRZ FD	REFRIGERATION	-0.2 °F	0.0	..	On	Off	
		FRZ SEAFD	REFRIGERATION	-1.6 °F	-2.0	..	On	Off	

Defrost Summary																												
Back	Home	Circuit	Defr 1	Defr 2	Defr 3	Defr 4	Defr 5	Defr 6	Defr 7	Defr 8	Defr 9	Defr 10	Defr 11	Defr 12	Defr 13	Defr 14	Defr 15	Defr 16	Defr 17	Defr 18	Defr 19	Defr 20	Defr 21	Defr 22	Defr 23	Defr 24	Type	Max Time
		GROC	0:30	6:30	16:30	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:35
		FROZ	1:00	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		FROZ: FD	1:30	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		FROZ	2:00	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		FROZ FD	2:30	6:00	14:30	20:30	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		FROZD MT	3:00	9:00	15:00	21:00	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		FROZ FD	3:30	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		MEAT	4:00	16:00	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		MEAT	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		MEAT	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		SEAFD	4:30	10:30	16:30	22:30	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:25
		FRZR																										
		MEAT PREP 30	2:00	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	OFF CYCLE	2:00
		SRVC FISH	2:00	14:00	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:18
		RI ICREAM	5:30	17:30	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:22
		RI ICREAM	0:00	12:00	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:22
		RI FRZ FD	3:00	15:00	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:20
		FRZ SEAFD	1:00	7:00	13:00	19:00	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	HOT GAS	0:18

Status: REFRIGERATION

INPUT STATUS	
Control Temp	-9.3 °F
Case Temp Setpoint	-12.0 °F
Term Type	TIME



OUTPUT STATUS	
Refrigeration	On
Defrost	Off
Fan	On
LLS	INACTV
Clean Switch	NONE

Case	Case Temp
1	-9.3 °F

/Demo/154 Atlanta/E2/"RX-400 2: RAK LT/TC"/Circuits (Standard)/LT1 GROC

Standard Circuits Status

Input Property:	Value:
EMERGENCY OVR	na
CASE TEMP 1	-9.3 °F
CONTROL TEMP	-9.3 °F

Setpoint Property	Value:
Term Type	TIME
CASE TEMP STPT	-12.0 °F
CASE ALM HI SP	41.0 °F
CASE ALM LO SP	-15.0 °F
COMB ALM HI SP	NONE °F
COMB ALM LO SP	NONE °F
ACTIVE SETPT	-12.0 °F

Output Property:	Value:
CIRCUIT STATE	REFRIGERATION
REFRIG SOLENOID	On
DEFROST	Off
PEAK DEF TEMP	66.2 °F
FAN	On
BYPASS STATE	NORMAL
ALARM OUT	..
ALG STATUS	OK
CASE ALM OUT 1	..

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