

Supervisory Control Platform

Update Advisory Supervisory Control Platform Firmware 2.17F02

A new general release version of the Supervisory Control Platform firmware version 2.17F02 has been released and is available for customer upgrade. For more information, visit the Supervisory Control Platform page on the Copeland website:

<https://www.copeland.com/en-us/products/controls-monitoring-systems/facility-controls-electronics/facility-and-system-controls/supervisory-controls-platform>

Who Should Update

Copeland recommends that all customers upgrade their Supervisory Controllers and PCs running Connect+ to the latest version to take advantage of the latest fixes and enhancements listed above.

All customers who meet one or more of the requirements below are advised to upgrade to Supervisory Control Platform 2.17F02: customers using any of the features listed in [Table 2 on page 2](#).

Table 1: Supervisory Controller and Connect+ Compatibility Matrix

Supervisory Controller Version	
Connect+ Version	2.17F02
1.5.1	✓

CONNECT+ UPDATE REQUIRED

Supervisory Controller version 2.17F02 requires Connect+ 1.5.1 or greater. It is recommended that the latest version of Connect+ be installed for best practices. If communication with Connect+ is required, upgrade Connect+ to the latest version first, then update the Supervisory Controllers. Contact Copeland for more information about upgrading.



Table 2: Supervisory Controller 2.17F02 Feature and Fix Matrix


Features and Fix Descriptions	Supported in Supervisory Controllers 2.17F02
Features	
<p>Floorplans</p> <ul style="list-style-type: none"> ➤ Floorplan names are now case-insensitive and listed in alphanumeric order. ➤ Site Supervisor and E3 now support floorplans created at any level in Connect+ (Site, Unit, Instance). ➤ Improved speed of floorplans receiving data. 	✓
<p>System Summary and Control Inventory Screen</p> <ul style="list-style-type: none"> ➤ Categories are only displayed for licensed applications. <ul style="list-style-type: none"> • RX, RXe model will not display the HVAC category unless licensed to have HVAC applications. • RX, RXe model will not display the Lighting category unless licensed to have Lighting applications. • BX, RXe model will not display the Refrigeration category unless licensed to have Ref applications. 	✓
<p>Top Menu Ribbon</p> <ul style="list-style-type: none"> ➤ Applications can now be added using the new Add Application icon  from any screen. 	✓
<p>Control Inventory</p> <ul style="list-style-type: none"> ➤ Improved performance of the Control Inventory page. 	✓
<p>App Commands</p> <ul style="list-style-type: none"> ➤ For the following applications, the list of App Commands will display the available App Commands based on the application's current status. <ul style="list-style-type: none"> • CT Drive • Enhanced Suction Group • Irrigation • Wireless Module • XM Circuit 	✓
<p>Onboard Relay</p> <ul style="list-style-type: none"> ➤ Prevents the Onboard IO relay from turning ON and OFF when rebooting the Supervisory Controller. 	✓
<p>Layout Manager</p> <ul style="list-style-type: none"> ➤ The Layout Manager is located under the main menu's Configure System section. It allows users to create custom summary screens. Click Create a Layout and enter the Layout Name, choose a template, select the User of Layout, and check or unchecked the Snap To Page box. Users can then include more data by clicking the Add button located in each row, column, or quadrant. Click Save to save changes. 	✓
<p>System Summary</p> <ul style="list-style-type: none"> ➤ Added drag and drop ability to reorder tiles on the Status tab, which will display the order of the tiles on the System Summary screen. 	✓

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Features and Fix Descriptions	Supported in Supervisory Controllers 2.17F02
Fixes	
<p>E2 to Site Supervisor/E3 Restore</p> <ul style="list-style-type: none"> ➤ Apps and Devices minutes and hours are now converting correctly for the following: <ul style="list-style-type: none"> • Standard Circuits • Defrost tab: Defr Duration, Min Defr Time, Defrost Delay, Drip Time, Check Pump Down Delay • Defr Times tab: Reference Time, Defrost # 	✓
<p>Floorplans</p> <ul style="list-style-type: none"> ➤ GsImageOnOff displays when the value is OFF. ➤ GSMeter’s point value displays in the correct engineering unit after going into override. ➤ The left meter bar now displays on the GSMeter when the widget is configured with two points from different units. ➤ The left meter bar of the GSMeter now resets after clicking the override’s Cancel button. ➤ The left meter bar is now visible when adding floorplan with GsMeter widget for E2 points. ➤ Links in widgets now function correctly. ➤ After first logging into the Supervisory Controller, a floorplan will not auto-resize to a small image in the upper left corner of the screen. ➤ Issue with floorplan Licensing has been corrected. 	✓
<p>Standard Circuits Application</p> <ul style="list-style-type: none"> ➤ On the Association tab the Valve Num parameter now displays under the ESR parameter. Valve Num is the valve number on the ESR board that is associated with the Circuit. ➤ Case Temp Hi Limit Exceeded and Comb Temp Hi Limit Exceeded alarms will generate alarms normally after disabling and then enabling the alarm. 	✓
<p>Enhanced Suction</p> <ul style="list-style-type: none"> ➤ Corrected startup input validation to prevent 1-minute control delay on startup. ➤ Expanded Information for Stage Output now displays on Log Group. ➤ The value of an override that caused an alarm will not remain after the override expires. ➤ The FLOAT CKT STATE parameter under the Float Setup tab no longer has the ability to override the value. 	✓
<p>16AI</p> <ul style="list-style-type: none"> ➤ Analog input point names cannot be changed to more than the maximum of 63 characters. A warning message will appear if a name entered is more than 63 characters or if the field is left blank. 	✓
<p>Plugin IO</p> <ul style="list-style-type: none"> ➤ Digital input point names cannot be changed to more than the maximum of 63 characters. A warning message will appear if a name entered is more than 63 characters or if the field is left blank. 	✓
<p>COM Ports</p> <ul style="list-style-type: none"> ➤ The App Name cannot be changed to more than the maximum of 63 characters. A warning message will appear if a name entered is more than 63 characters or if the field is left blank. 	✓
<p>XM678 and XM679 Devices</p> <ul style="list-style-type: none"> ➤ High limit value for Pres Xducer Max is now correct when Pressure Unit is MPA. 	✓
<p>XM and XR Devices</p> <ul style="list-style-type: none"> ➤ When the Input Setpoint is None, the Active Setpoint remains as the last value, and the incorrect value of 0 or 32 is not sent to the device. 	✓
<p>E3</p> <ul style="list-style-type: none"> ➤ Improved the performed and response time of the on-screen keyboard. ➤ System Summary - improved page scrolling performance. ➤ Calendar and applications’ detail screen - increased size of tab arrows. ➤ The PIB and 10-inch display no longer have the same default IP address 192.168.1.200, which was causing the PIB to go offline when a 10-inch display is connected. PIB default IP address has been changed to 10.212.224.101. ➤ Corrected issue with all refrigerant types, which caused the Supervisory Controller to reboot. 	✓

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Features and Fix Descriptions	Supported in Supervisory Controllers 2.17F02
Fixes	
Condenser/Enhanced Condenser ➤ Output temps now list correctly when any refrigerant type is selected.	✓
MRLDS-450 ➤ Buzzer State under the Diagnostic tab now sounds the buzzer when set to the ON and NONE settings.	✓
ISD 2.0 ➤ The COMP RUN PROOF parameter now turns ON when the compressor is running.	✓
M400 ➤ The DIRECTION parameter now defaults to FORWARD direction. ➤ The DRIVE HARDWARE ENABLE parameter now defaults to ON.	✓
Restore ➤ Supervisory Controllers will now verify if setpoints are corrupted before restoring them. If the setpoints are corrupted, an error message will display instead of the Supervisory Controller continuously rebooting.	✓
IMC Lennox Prodigy ➤ IMC Lennox Prodigy no longer goes into an infinite loop and prevents the Supervisory Controller from rebooting.	✓
Energy Meter ➤ When duplicating an Energy Meter application, the value of first log (Hourly/Daily/Weekly/Monthly) will now start at zero, instead of the original Energy Meter's current log data. ➤ When powering OFF the Supervisory Controller for an extended period of time, and the log reset time has been surpassed, when powering the Supervisory Controller back ON, the value of the first log will now start at zero instead of the previous value.	✓
DHCP ➤ When the host name contains a period, the unit will not go offline after a reboot is completed.	✓
System Logs & Statistics - Pending Reports ➤ The data is now correct in the "ADVISORY BUFFER CONTENTS" section.	✓

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Visit our website at copeland.com/en-us/products/controls-monitoring-systems for the latest technical documentation and updates.
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