Site Supervisor

Update Advisory Site Supervisor 2.12F01

A new general release version of the Site Supervisor Controller firmware, version 2.12F01, has been released and is available for customer upgrade. For more information, visit the Site Supervisor 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

Site Supervisor 2.12F01 Adds the Following Fixes and Enhancements

Table 1: Site Supervisor 2.12F01 Fix and Feature Matrix

Fix and Feature Descriptions	Supported in Site Supervisor 2.12F01
Features	
MultiFlex CUB ➢ Board is now supported. From the Inventory Page, the MultiFlex CUB board can now be added in the Refrigeration category.	✔
BACnet VAV ➢ Open integration support for the Copeland BACnet VAV version has been added. ➢ The Copeland BACnet VAV version is now supported as an open integration by loading the ADF file.	✔

UI Enhancements
➢ Responsive Layout Design enhancements
  • Viewing of graphs on the Application Details page with a mobile phone has been enhanced for easier viewing and scrolling.
  • Mobile view is compatible with Connect +
	✔

XR75CX ➢ Associations with Case Circuit or XM Circuits are now supported. From the Inventory Page, the XR75CX can now be associated with a Case Circuit or XM Circuit to control setpoints, alarms, and defrost schedules.	✔

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Table 1: Site Supervisor 2.12F01 Fix and Feature Matrix

Fix and Feature Descriptions	Supported in Site Supervisor 2.12F01
Features Continued	

Security Enhancements
➢ HTTPS over SSL now supported.
  • For additional network security, where required, "Force SSL" can be enabled in the Network Settings page.
  • Where required, go to General System Properties, Network Settings, Web Server Setup, and enable "Force SSL" to force the web server to use SSL (Secure Socket Layer).
	✔

Condenser Application Enhancements ➢ There is a new "Fan Always On" option in the Condenser Application General Setup tab. Check the "Fan Always On" option to keep one bank running continuously when needed to keep refrigerant oil moving and prevent temperature shock during extreme climate conditions. ➢ There is a new Frequency (Hz) control option in the Variable Speed setup tab. Flex Combiners are no longer required to input Hz to the Condenser Application. ➢ There is a new "Ctrl Reset" option in the M400 drive application to sync back to the last saved NVM. Time of day is selectable. Flex combiners are no longer required to "Ctrl Reset" drive to sync back to the last saved NVM. ➢ There is a new "Drive Health" "Invert Fault" option to reduce the number of low speed alarms. Flex combiners are no longer required to invert the "Drive Health" alarm.	✔
Generic Alarming ➢ A new option has been added to enable generic alarming in the Systems Setting page. When enabled, a new generic alarming tab will appear in the Application Detail page to configure generic alarms.	✔
Active Alarm Page Enhancement ➢ New dialog message has been added to the Active Alarms Page. ➢ When there are no active alarms on the Active Alarm page, a more descriptive message now shows "No Active Alarms" instead of "Nothing to Display."	✔

Test Alarm Function
➢ A Test Email button has been added to Network settings for testing email.
  • When commissioning email alarm setup, a test email can now be generated to test the communication with email.
  • A "Test Alarm" button has been added to the Alarm Page.
  • A "Test Email" button has been added in the Networks Setting, Email Setup page.
	✔

Control Inventory Port ID Enhancement ➢ "NONE" is now a selection Port ID type. ➢ By selecting "NONE" in the Port ID type list, when not needed, the user can deactivate or disable a device application from alarming.	✔

Initial System Setup
➢ A new dialog message has been added to the Setup Wizard.
  • "Enter Default Credentials To Begin Setup" will appear to guide the user through initial setup.
  • Enter Default User Credentials "user/pass" when first initializing the unit. The user will then be required to change the user credentials for security.
	✔

ACC ➢ Support for Firmware Update to CL ACC Application has been added. New options in the ACC "Application Command" menu have been added to update ACC firmware.	✔

Table 1: Site Supervisor 2.12F01 Fix and Feature Matrix

Fix and Feature Descriptions	Supported in Site Supervisor 2.12F01
Fixes	
16AI Application ➢ Value should be "NONE" and not expressed as a number when AI01 Type is set to "Unconfigured" in the 16AI Application. Corrected.	✔
Enhanced Suction ➢ "Stage Active" displays as a number when "Control Status" is set to "Discharge Trip." Corrected. ➢ When Suction Group is "Enabled" the PID Out is immediately at 100% causing all compressors to turn on. Corrected. ➢ "VS Ramp" should exist as it is in the AHU application. Corrected. ➢ "Not Run" is displayed in ALG Status after "Control Temp." ALG Status should display "OK." Corrected.	✔
10.1-Inch Display ➢ Allows inputs on the E2 login screen using Terminal Mode.	✔
XEV22D 1.5 ➢ Need option to choose the category in the XEV22D v1.5 application. Corrected. ➢ "CfgSyn Time" and "CfgSyn Interval" parameters should not be active or displayed when "CfgSyn Action" is set to Manual. Corrected. ➢ "SH Alarm Hi" min and max ranges are incorrect when Temp engineering units changed from Fahrenheit to Celsius. The "HiPresValue" is also affected when ranges are incorrect. Corrected. ➢ The XEV22D devices randomly reinitializing leaving gaps in log. Corrected. ➢ Default value of "Key Alm Silence" on Site Supervisor is different from E2 and the device manual. Corrected.	✔
RLDS ➢ Zone names contain question marks (?). Corrected.	✔
Discus ➢ Compressor receives a "Proof Failure" when alarm is on. Corrected.	✔
XM678D v2.8 ➢ The application may lose its association with an XM Circuit when changing "Temp Unit" or "Pressure Unit" on XM678 App Regulation tab. Corrected. ➢ Baud rate may change from 19.2k to 9600 when changes are written, or unit is reset. Corrected.	✔
Memory Usage ➢ Excessive memory resource usage running 2.12B26. Corrected.	✔
XCM25 1.3 ➢ Customized ADFs receiving execute script function (RunControl) failed. Native function failed error appearing in Service Log. Corrected.	✔
XR75CX and XR35CX ➢ Case Alm Diff and Case Alm Delay help refers to Condenser Alarm. Corrected.	✔

Table 1: Site Supervisor 2.12F01 Fix and Feature Matrix

Fix and Feature Descriptions	Supported in Site Supervisor 2.12F01
Fixes Continued	
Floor Plans ➢ Red color background is not visible for alarm state. Background color for property state is not supported in Connect +. Corrected. ➢ Analog values shown in different color. Corrected. ➢ Zones not supporting opacity. Corrected. ➢ Point Values and graphical images are not displayed in the Floor Plan when a space is present at the end of the instance name. Corrected. ➢ Filter setting has been added to the alarm and override status for List Properties. ➢ The Floor Plan Transfer from screen to screen using links is not functional. Corrected. ➢ The value slider is not functional. Corrected.	✔
Time Schedules ➢ Very large Time Schedules created in 2.08F01 do not display correctly in 2.10F02 or higher. Corrected. ➢ Error value is displayed for "BYP TIME LEFT" after setting "passBy" time. Corrected. ➢ Association name for slave schedule is not the same as Master schedule. Corrected. ➢ One Time schedule is no longer missing when associating two time schedules at the same time in different browser tabs. ➢ Event - The day of the week flag default value should be "0" for the 14th event's Thursday. Corrected. ➢ Slave Event needs to write a "+" for a relative event of 0. Corrected. ➢ Slave Event - The UI writes the day of the week flags only for those days and clears the other flags when the user changes slave event. Corrected.	✔
Site Aggregator ➢ E2 terminal mode "Prev" button/key will not scroll up to the previous parameters within a field. Corrected. ➢ Alarm no longer active in E2 still displays as active in the Site Supervisor. Corrected.	✔
Standard Circuit ➢ "Case Alm Hyst" stops temperature alarms from working if set to "NONE." Corrected.	✔
Graphs ➢ Full screen displays in portrait mode but print option does not convert to landscape mode when printed. Corrected.	✔
AHU Large ➢ Heating separate setpoints not working. Corrected.	✔
Connect+ communications with Site Supervisor ➢ Red background is now visible when there is an alarm on the point.	✔
Standard Suction Group ➢ Enable/Disable setting can now be set to "NONE" for Standard Suction.	✔
User Management ➢ Remote client communications for Site Supervisor - Users added from Site Manager are no longer auto-deleted if there is a change in user roles.	✔
Boiler ➢ Licensing information was updated.	✔

Who Should Update

Copeland recommends that all customers upgrade their Site Supervisor Controllers and PCs running Site Manager 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 Site Supervisor 2.12F01: Customers using any of the features listed in Table 1:

Site Manager and Connect+ Minimum Version Compatibility

Table 2: Site Manager and Connect+ Compatibility Matrix

Site Supervisor *2.08F01	Site Supervisor 2.12F01
Site Manager Minimum Version 18.2.2	Connect+ Minimum Version 1.4.1

Connect+ Update Required

*Site Supervisor version 2.12F01 requires Connect+ 1.4.1 or greater. It is recommended the latest version of Connect+ be installed for best practices. *Note that Site Manager is not supported by Site Supervisor versions above 2.08F01. If communication with Connect+ is required, upgrade Connect+ to the latest version first, then update the Site Supervisor Controllers. Contact Copeland for more information about upgrading.*

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Scan the QR code to access the Supervisory Control Platform web page:

Visit our website at **copeland.com/en-us/products/controls-monitoring-systems** for the latest technical documentation and updates.
For Technical Support call **833-409-7505** or email **ColdChain.TechnicalServices@Copeland.com**

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