

Supervisory Control Platform

Update Advisory Supervisory Control Platform Firmware 2.24F01

A new general release version of the Supervisory Controller firmware version 2.24F01 has been released and is available for customer upgrade. For more information, visit the Supervisory Control 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>

IMPORTANT:

- Reset or power cycle an upgraded E3 approximately 10 minutes after the upgrade is complete.

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 in [Table 3 on page 2](#).

All customers who use any of the features below are advised to upgrade to Supervisory Controller 2.24F01, and customers using any of the features listed in [Table 3 on page 2](#).

Logging Groups	Control Link boards
Alarms	Lighting Application
Online Help	Monitoring
Time Schedule	System Logging
XM Devices	NVR boards
Certificate Management	XJM60D Devices



CONNECT+ UPDATE RECOMMENDED

Table 1: Supervisory Controller and Connect+ Compatibility Matrix

Supervisory Controller Version	Recommended Connect+ Version
2.24F01	1.5.6F01

It is recommended to upgrade to the latest Connect+ version. If you plan to upgrade Supervisory Controllers and Connect+ at the same time, upgrade Connect+ to the latest version first, then update the Supervisory controllers. Contact Copeland for more information about upgrading.

CONTROLLER FIRMWARE COMPATIBILITY

Table 2: Firmware Platform Mapping

Firmware	Platform
E3_#.#####_Display_Update	E3 only
E3_#.#####_Firmware_Update	E3 and Site Supervisor
SS_#.#####_Firmware_Update	Site Supervisor only

Table 3: Supervisory Controller 2.24F01 Feature and Fix Matrix

Features and Fix Descriptions	Supported in Supervisory Controllers 2.24F01
Features	
Alarm Communication <ul style="list-style-type: none">➤ The Alarm Comm relay out will no longer remain ON intermittently.	✓
NVR Overlay <ul style="list-style-type: none">➤ NVR boards can now be replaced with Site Supervisor and E3 Controllers.	✓
Control Link <ul style="list-style-type: none">➤ Integration support added for Control Link controllers.	✓
System Logs <ul style="list-style-type: none">➤ All logs can now be selected for download with a single command using the Download button.	✓
UI Enhancements <ul style="list-style-type: none">➤ Help documentation link added.➤ Highlighted items now appear in a darker blue color.➤ Application list on details page now supports auto scroll.	✓
Certificate Management <ul style="list-style-type: none">➤ Support for MQTT added.	✓

Table 3: Supervisory Controller 2.24F01 Feature and Fix Matrix

Features and Fix Descriptions		Supported in Supervisory Controllers 2.24F01
Fixes		
Logging Groups		✓
➤ Default archived to SD even if SD no longer exists.		
Online Help		✓
➤ Online help enhancements added.		
Time and Date		✓
➤ Time Zone parameter will appear in the first field of the Time Setup parameters.		
Monitoring		✓
➤ Return-to-Normal (RTN) status and RTN time now available in the monitoring advisory.		
Time Schedule		✓
➤ Schedule has been added to the HTML file.		
XJM60D Device		
➤ AO Lower Scalex(UAix) and AO Upper Scalex(LAix) moved from the Regulation tab to the Analog Inputs tab.		✓
➤ AO Low End Limit and AO High End Limit Engineering units are now the correct values.		
Logging		✓
➤ Unit no longer displays "ACK Timeout" when adding logging points, or "Get all the log points from cache file failed" when clicking on existing log groups.		
Lighting Application		✓
➤ "Bypass" alarm can now be disabled.		

Update Supervisory Controller Firmware

		Supervisory Controller Firmware Version													
		2.06F01	2.07F01	2.08F01	2.09F01	2.10F01	2.11F03	2.12F01	2.13F01	2.14F01	2.15F01	2.16F02	2.17F02	2.18F03	2.19F01 and higher
Firmware Update File	2.06F01_Firmware_Update	✓													
	2.07F01_Firmware_Update	✓	✓												
	2.08F01_Firmware_Update	✓	✓	✓											
	2.09F01_Firmware_Update	✓	✓	✓	✓										
	2.10F01_Firmware_Update	✓	✓	✓	✓	✓									
	2.11F03_Firmware_Update	✓	✓	✓	✓	✓	✓								
	2.12F01_Firmware_Update	✓	✓	✓	✓	✓	✓	✓							
	2.13F01_Firmware_Update	✓	✓	✓	✓	✓	✓	✓	✓						
	2.14F01_Firmware_Update	✓	✓	✓	✓	✓	✓	✓	✓	✓					
	2.15F01_Firmware_Update	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	2.16F02_Firmware_Update							✓	✓	✓	✓	✓			
	2.17F02_Firmware_Update							✓	✓	✓	✓	✓	✓		
	2.18F03_Firmware_Update							✓	✓	✓	✓	✓	✓	✓	
	2.19F01 and higher							✓	✓	✓	✓	✓	✓	✓	✓

Legend		Workaround and Notes
✓	This version of Supervisory controller can upgrade using this version of firmware update file.	Workaround and Notes 1) For example, in order to upgrade Supervisory controllers from 2.10F01 to 2.20F03, you must first upgrade to any version of 2.12F01 – 2.15F01, then upgrade to 2.20F03 or higher. 2) If firmware is equal to 2.12F01 or above: Upgrade directly to 2.20F03 or higher. 3) If firmware is below 2.12F01: First upgrade to 2.15F01, and then upgrade to 2.20F03 or higher. 4) 2.11F01, 2.11F02 and 2.16F01 Firmware_Update files should be not used. 5) If the Supervisory controller is below 2.08F01 and the model is default SMF, you must first upload the Feature Set file, then upgrade firmware.
✗	This version of Supervisory controller can NOT upgrade using this version of firmware update file.	
⚠	It is NOT recommended to downgrade Supervisory controller firmware.	

For more information on firmware upgrades, see the 026-4184 Upgrade Advisory:

<https://www.copeland.com/documents/026-4184-upgrade-advisory-for-all-supervisory-controller-versions-before-2-19f01-en-7981974.pdf>

For more information on E3 firmware upgrades before 2.20F03, see the 026-4185 Upgrade Advisory:

<https://www.copeland.com/documents/026-4185-upgrade-advisory-for-e3-controller-versions-below-2-20f03-en-8070726.pdf>

Supported Browsers

- Microsoft Edge v88 and later
- Mozilla Firefox 11 and later
- Google Chrome 61.0 and later
- Apple Safari® on iOS10 (iPhone® 5C, iPad® 4) and later
- Webview on Android 5.0 (Samsung Galaxy S4) and later

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Visit our website at [copeland.com/en-us/products/controls-monitoring-systems](https://www.copeland.com/en-us/products/controls-monitoring-systems) for the latest technical documentation and updates.

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