COPELAND

Update Advisory Supervisory Control Platform Firmware 2.26F01
Release Notes

A new general release version of the Supervisory controller firmware version 2.26F01 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/lumity-supervisory-controls-platform

IMPORTANT:

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

E3 and Site Supervisor Controllers

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*.

All customers who use any of the features below are advised to upgrade to Supervisory controller 2.26F01, and customers using any of the features listed in *Table 3 on page 2*.

CO2 Suction Group	Offline Programming
XM678K and XM679D	iPro DAC
Suction Float	Logging
CoreSense	Backup and Restore
ControlLink CD	IPX25
IPX	T-Stat (Touchscreen Thermostat)
Generic Alarms	Coolmate XER
XM Circuit	HVAC Zone Application
16AI	DHCP

CONNECT+ UPDATE RECOMMENDED

Supervisory Controller Version	Recommended Connect+ Version
2.26F01	1.5.7F01

Table 1 - Supervisory Controller and Connect+ Compatibility Matrix

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

Firmware	Platform
E3_#.#####_ Display_Update	E3 only
E3_#.#####_ Firmware_Update	E3 and Site Supervisor
SS_#.####_ Firmware_Update	Site Supervisor only

Table 2 - Firmware Platform Mapping

Features and Fix Descriptions	Supported in Supervisory Controllers 2.26F01
Features	
Security ➢ General enhancements.	✔

Table 3 - Supervisory Controller 2.26F01 Feature and Fix Matrix

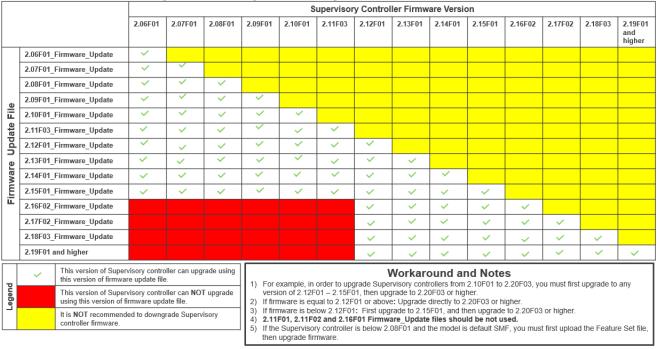| Features and Fix Descriptions	Supported in Supervisory Controllers 2.26F01
Fixes	
UI ➢ Boot Screen: For new or factory reset controllers, the boot screen now has a Copy to Clipboard option for MAC Address on the Feature File Upload function. ➢ Time Format: Time is now displayed in real time format and not time duration format. ➢ Time Format: MAX DEFR TIME and DEFRCYCLE TIME are now displayed in real time format. ➢ Time picker panels now function normally. ➢ Floorplan: Override time's default format is no longer invalid.	✔
CO2 Suction Group Application ➢ The value of "Active Alarms MT Load Enable 1" is no longer blank for Discharge Temp Alarm.	✔
Communications ➢ SOAP and REST: Service Log record is no longer generated for every SOAP or REST request. ➢ Remote Client: Multiple selections added for RCI. ➢ Remote Client: The value will now update for ACTIVE SETPT watch point for a non-gateway unit.	✔
Suction Float ➢ SUCT PRESS STPT maximum range has been increased to 50 Bar.	✔
16AI ➢ Units Per Pulse property expanded to allow entry of 4 decimal place (allowing users with certain CT Ratios to get more accurate data).	✔
System ➢ NTP configuration can now be saved even if not on the network.	✔
IPX Devices ➢ IPX devices will no longer go offline with firmware 2.23 and higher.	✔
Generic Alarms ➢ Will no longer re-alarm the unit it reached regardless of the number of events tripped. When the alarm is reset, the internal counter will reset back to 0, so that it does not re-alarm unit it reaches the alarm setpoint again.	✔
Online Help ➢ General online help enhancements added.	✔
This Unit ➢ Status tab name duplicated. Renamed duplicate tab to Outputs.	✔
HVAC Zone Application ➢ Outputs tab property Occupied Heat Out no longer displays a value of -15343768134.40 °F	✔
Dual Temp XM Circuit ➢ Relative alarming enhancements.	✔

Table 3 - Supervisory Controller 2.26F01 Feature and Fix Matrix

Features and Fix Descriptions	Supported in Supervisory Controllers 2.26F01
Fixes Continued	
UltraSite to Site Supervisor or E3 Restore ➢ NVR-8IM Application: Points will now convert correctly. ➢ Suction Float: Value data conversion for some properties from E2 to Site Supervisor are no longer incorrect. ➢ ETN BRKRPNL: Proof Enable and BreakerCfg_X now convert correctly. ➢ Ref Scroll: One point that was converting incorrectly has been fixed. ➢ Boiler Application: When restoring the E2E setpoint to Site Supervisor, "Application BOILER adding error" will no longer occur. ➢ CoreSenseComm: During the restore process, "Msg Schema" on the Device tab will now convert correctly. "Unknown" on E2 and "0" on Site Supervisor will no longer display. ➢ RTU: "OCC HUMIDITY" on Inputs tab of RTU now convert correctly. ➢ Control Link CD: Properties will now convert correctly. ➢ MultiFlex CUB: CUB will now restore to Site Supervisor with no "Application CUB_001 adding error>" message.	✓
Logs ➢ SMTP Logs: • SMTP Log added to RCI. • SMTP Log added to System Logs & Statistics.	✓
Coolmate XER160P ➢ Support added.	✓
Offline Programming ➢ IPX device: System will no longer reboot when adding an IPX device. ➢ Bandwidth calculation now supported.	✓
Email Alerts ➢ An "Undeliverable Email" message will no longer occur when an alarm is being sent and received successfully.	✓
T-Stat (Touchscreen Thermostat) Application ➢ Alarms can now be set to Disabled.	✓
Restore and Backup ➢ When trying to restore a backup using Firefox, the file type drop-down no longer defaults to "*."	✓
CoreSense K5 Compressor Application ➢ K5 is now energizing the M1 and M2 contacts on the CoreSense module.	✓
iPro DAC ➢ Enhancements were made to eliminate an issue with the IAQ scaling.	✓
XM679K_42 ➢ Probe 3 and 4 on XM679K will no longer revert to "0 Np" after firmware update.	✓
DHCP ➢ DHCP IP will now be disabled after disabling the DHCP setting.	✓

Table 3 - Supervisory Controller 2.26F01 Feature and Fix Matrix

Features and Fix Descriptions	Supported in Supervisory Controllers 2.26F01
Fixes Continued	
Network Settings ➢ When setting up communication with Connect+ in new installations, the Monitoring Port will no longer default to 0.	✔
XM678D ➢ CASE TEMP value is no longer NONE when probe 3 is connected.	✔

Table 3 - Supervisory Controller 2.26F01 Feature and Fix Matrix

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

✔	This version of Supervisory controller can upgrade using this version of firmware update file.
🟥	This version of Supervisory controller can **NOT** upgrade using this version of firmware update file.
🟨	It is **NOT** recommended to downgrade Supervisory controller firmware.

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.

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

- Google Chrome 105.0.5195 and later
- Firefox 105.0 and later
- MAC Safari® 14.1.2 and later
- iOS Safari® 14.7 and later
- Edge 84.0.522 and later
- Android Chrome/WebView 105.0.5195 and later

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