

Product Change Notification—PCN# **PCN001160**

October 27, 2025

Dear Valued Customer,

We would like to inform you that Moxa will release **Moxa Industrial Linux (MIL) v3.4.1** for the UC Series computers on **October 28, 2025**.

In MIL 3.4.0 released in last month, it introduced new commands in the **Moxa Computer Interface Manager (MCIM)** utility to make it easier to customize digital input (DI) and push-button (RESET or FN button) event scripts. However, we discovered that the legacy configuration methods supported in MIL 3.0 to 3.3—such as setting the push-button to restore a snapshot or trigger a user-defined script—were unintentionally not backward compatible in MIL 3.4.0.

We sincerely apologize for any inconvenience this may have caused. To correct this issue, we are releasing **MIL 3.4.1**, which restores backward compatibility along with other improvements. If you have provisioning scripts that rely on **mx-interface-mgmt dio** or **mx-interface-mgmt button** created under MIL 3.0–3.3, please ensure that you use MIL 3.4.1 instead of MIL 3.4.0.

Please review the details below to determine how these changes will affect your products and/or operations.

What will change in Moxa Industrial Linux 3.4.1?

New Features

- Moxa Connection Manager (MCM) v1.7.14
 - Support for configuring DHCP lease time and IP range in Wi-Fi Soft-AP mode
 - Added encryption mode options for Wi-Fi Soft-AP (OPEN and WPA2) in addition to WPA1+WPA2
 - The DHCP server now supports the DNS configuration option
 - Cellular diagnostic function now supports the UC-4400A with a 5G modem

Enhancements

- Moxa Connection Manager (MCM) v1.7.14
 - Improve SIM card switching time for Telit 4G modules
 - Add an option to allow non-MCM managed Ethernet interfaces to be controlled by the networking service
 - Allow an empty IP gateway value to be set

- Added support to enable the DHCP server on multiple LAN interfaces simultaneously (previously limited to one)
- Improved invalid Wi-Fi SSID and password detection in the MCM GUI; users are now blocked from saving configurations with invalid characters
- Allowed the & character in Wi-Fi passwords

Bugs fixed:

- Moxa Computer Interface Manager (MCIM):
 - Fixed an issue where the legacy method for configuring push-button actions (supported in MIL 3.0–3.3) was not available in MIL 3.4.0; support has been restored in MIL 3.4.1
 - Fixed an issue where the legacy method for configuring Digital Input (DI) event scripts (supported in MIL 3.0–3.3) was not supported in MIL 3.4.0; support is now restored in MIL 3.4.1
 - [UC-1200A/UC-2200A only] Updated mount state handling logic to fix an issue where unexpected filesystem mounts could cause the SD/USB LED to turn off unexpectedly
- Moxa Connection Manager (MCM) v1.7.14:
 - Fixed an issue where configuring the out-of-the-box UC cellular connection with a SIM card that has a PIN lock would fail to connect to the Internet until the system was rebooted
 - Fixed unstable reconnections when connecting to Wi-Fi BSSIDs under the same SSID
 - Fixed an issue where an unresponsive GPSD service caused MCM to stop working during GPS port sync by adding a timeout
 - Fixed an issue where MCM v1.2/v1.3 configuration files became incompatible when upgrading to v1.7.5 (MIL 3.4.0) via v1.4 or v1.5. The issue did not occur when upgrading directly from v1.2/v1.3 to v1.7.5 or v1.4/v1.5 to v1.7.5
- Moxa Software Updater (MSU):
 - Fix an issue where using the command **mx-sw-updater upgrade --local** to upgrade the system via the offline method may still require Internet access for dependency download.
- Moxa Power Manager (MPM):
 - [UC-3400A only] Fixed an issue where the Wi-Fi interface could become unresponsive or fail to reconnect after recovering from MPM power conservation mode

Which products can apply Moxa Industrial Linux v3.4.1?

Product Name	Current OS Image (MIL 3.4.0)	New OS Image (MIL 3.4.1)
UC-1200A Series	v1.3	v1.4
UC-2200A Series	v1.3	v1.4
UC-3400A Series	v1.1	v1.2
UC-4400A Series	v1.2	v1.3
UC-8200 Series	v1.4	v1.5
*If MIL3 is selected via CTO		

When will the new versions be available?

1. The MIL 3.4.1 images are available for download on the Moxa product website now.
2. UC units scheduled to ship after **November 10** are expected to have MIL 3.4.1 preloaded.

If you have any questions, please contact George Hsiao (georgey.hsiao@moxa.com), or contact your regional sales representative.