

Product Change Notification PCN# **0000448126**

July 4, 2026

Dear Valued Customer,

We would like to inform you that Moxa is going to make changes to the **DLM On-Premises**. These changes will be implemented by **July 4, 2026**. Please review the details below to determine how these changes will affect your products and/or operations.

What will change?

DLM On-Premises v1.2 is a software version update for both **DLM Server** and **DLM Agent**. This release introduces new device events, enhancements to reporting and notifications, and bug fixes.

The following changes will be implemented in the new version:

New Features

- **New Device Event—Cellular Signal Drop Detected**

Added a new device event **Cellular Signal Drop Detected**. It triggers when RSRP drops by over 20 dB from the previous sample. This event is also available in the Event Notification selection list.

- **New Device Event—CPU Temperature Too High**

Added a new device event **CPU Temperature Too High**. It triggers when the CPU temperature reaches the threshold defined in user.yaml. The default threshold is 0 (= hardware auto-shutdown temperature minus 10 °C). This event is also available in the Event Notification selection list.

- **Daily Pending-Approval Reminder Email**

All admin users receive a daily reminder email when t devices are pending approval in the project.

Enhancements

- **Ubuntu 24.04 Support**

DLM Server now supports Ubuntu 24.04 as the host operating system.

- **Expanded Cellular Performance Report**

The cellular performance report now includes the following new fields:

- Cellular Technology (e.g., 3G, 4G, 5G NR)
- Active SIM Slot
- APN
- Pci
- eNB
- ECI
- EARFNC

- **Console Output For All Script Executions**

Script execution results now capture and display Console Output for all runs, regardless of success or failure. Previously, console output was only available for failed executions.

- **Improved Event Notification Email**

Event notification emails now include the event name and project name in the subject line and provide richer device information to help users identify the affected device at a glance.

- Subject: [DLM Notification] {Event Name}: {Device Display Name} ({Project Name}). If no display name is configured, the device serial number is shown.
- The body now includes a direct login link to the DLM web console.

- **Event Logs—Separated Columns and Quick Time Filters**

The **Source** and **Username** fields in Event Logs have been separated into two independent columns, each with its own filter. Quick time filters have been added to show logs from the past 8, 12, or 24 hours.

- **License Activation Code—Trailing Space Tolerance**

License activation code validation now automatically removes unintended trailing spaces before processing (e.g., "ABC123 " is treated the same as "ABC123").

Bug Fixes

- **Certificate Auto Re-enrollment After Expiration**

Connection certificates have a 12-month lifetime. When fewer than 90 days remain, DLM Server notifies the device to initiate renewal. If a device remains offline throughout the final 90-day window and reconnects after the certificate has expired, it is designed to automatically re-enroll using the credentials from the original registration. This auto re-enrollment did not work correctly and has been fixed.

Note: This fix requires updating **both DLM Server and DLM Agent**. The user account and password used during the original device registration must still exist on the DLM Server for auto re-enrollment to succeed.

- **Removed Duplicate Events From Event Notification List**

Removed two redundant entries — *eMMC near end-of-life* and *eMMC end-of-life reached* — from the Event Notification selection list. The correct events are **Storage near end-of-life (90–100% used)** and **Storage end-of-life reached (100%+ lifetime used)**.

- **“Set Default Location” on Device Location Map Not Working**

Fixed an issue where the **Set Default Location** feature on the Device Location Map in the project dashboard did not function correctly.

Changes

- **Delete Device Restricted to Admin Role**

The **Delete Device** action is now restricted to Admin-role users. Previously, supervisor-role users could also delete devices, which could result in devices being unable to automatically reconnect to the DLM Server after accidental deletion.

Which products will be affected?

Product Name	Current Version	New Version
DLM On-Premises Server	V1.1.0	V1.2.0
DLM On-Premises Agent (MIL 3) for UC-1200A/2200A/3400A/4400A/8200	V1.0.0	V1.1.0
DLM On-Premises Agent (MIL 4)	V2.0.1	V2.1.4

for UC-1200A/2200A/3400A/4400A/8600A		
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When will the new versions be available?

Product Name	New Version	Available for Order
DLM On-Premises Server	V1.2.0	July 2, 2026
DLM On-Premises Agent (MIL 3) for UC-1200A/2200A/3400A/4400A/8200	V1.1.0	July 2, 2026
DLM On-Premises Agent (MIL 4) for UC-1200A/2200A/3400A/4400A/8600A	V2.1.4	July 2, 2026

DLM v1.2 packages are available for download at:

[https://www.moxa.com/en/products/industrial-computing/system-software/moxa-dlm-\(on-premises\)#resources](https://www.moxa.com/en/products/industrial-computing/system-software/moxa-dlm-(on-premises)#resources).

The download package includes update and installation guidelines.

If you have any questions, please contact your regional sales representative.