



OS Image for UC-5100 Series (MIL v1.4) Release Notes

Version: v1.7	Build: 250430_120657
Release Date: Aug 20, 2025	

Applicable Products

UC-5100 Series

Supported Operating Systems

Moxa Industrial Linux 1 (Debian 9)

New Features

N/A

Enhancements

- Includes the latest security patches.
- EN 18031-1 RED cybersecurity compliance.
For devices upgraded from previous firmware versions, Moxa Industrial Linux (MIL) will retain the original settings but provides the "mx-red-migrate" tool to ensure compliance with RED EN 18031-1 requirements. The tool implements the following changes:
 - Adds the password quality configure file.
 - Modifies the SSH configuration.
 - Adds fail2ban support.
 - Enforces a password change on first login.
 - Regenerates the SSH key on first login.
 - Adopts the pam_tally2 mechanism.

For details about the tool, see MIL1 manual at: <https://www.moxa.com/en/products/industrial-computing/system-software/moxa-industrial-linux#resources>

- Uses HTTPS communication for Debian source in /etc/apt/sources.list.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A