Firmware for UC-8100A-ME-T Series (OS Image for UC-8100A-ME-T Series (MIL v1.4)) Release Notes

Version: v1.9	Build: 250430_121047
Release Date: Aug 20, 2025	

Applicable Products

UC-8100A-ME-T 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