



Moxa Swift Utility (batch provisioning tool for MIL 3.4 and above) Release Notes

Version: v2.0.0	Build: 2025-1105-1948
Release Date: Nov 10, 2025	

Applicable Products

UC-1200A Series, UC-2200A Series, UC-3400A Series, UC-4400A Series, UC-8200 Series

Supported Operating Systems

Moxa Industrial Linux 3 (Debian 11)

New Features

- Adds an option to choose Cold or Hot Backup mode
 - Cold Mode: Performs backup after rebooting into a minimal environment (initrd), ensuring full data consistency. Recommended for critical systems but requires system downtime.
 - Hot Mode: Performs backup while the system remains running, enabling quick backups without downtime. To ensure data consistency, make sure no write operations occur during the backup process.
- Added support for selecting an external drive as the destination for Hot Backup
- Added support for restoring or downloading backups directly from an external drive
- Added compatibility with backup files created by Swift Utility and Moxa Industrial Linux
- Custom script execution now returns both the script output and console output for easier troubleshooting

Enhancements

- Improves stability during device scan and unlock.
- Improves stability during network configuration.
- Allows users to reduce backup size by compressing the backup image.

Bugs Fixed

N/A

Changes

N/A

Notes

- Swift 2.0.0 is an enhanced version of Swift 1.0.x, featuring improved stability and performance in device scanning and unlock operations. Since Swift 2.0.0 is integrated with Moxa Edge and requires Moxa Industrial Linux 3.4 or later, it is not backward compatible with Moxa computers running MIL 3.1 to 3.3.

Below are the minimum OS image versions required for each supported model:

- UC-1222A / UC-2222A: OS Image v1.3 (MIL 3.4.0)
- UC-3400A: OS Image v1.1 (MIL 3.4.0)
- UC-4400A: OS Image v1.2 (MIL 3.4.0)
- UC-8200: OS Image v1.4 (MIL 3.4.0)