



## OS image for UC-8200 Series CTO Models (MIL 3) Release Notes

<b>Version:</b> v1.1	<b>Build:</b> 240202_143550
<b>Release Date:</b> May 10, 2024	

### Applicable Products

UC-8200 Series

### Supported Operating Systems

Moxa Industrial Linux 3 (Debian 11)

### New Features

- Adds WireGuard kernel module.
- Moxa Guardian utility adds the capability to backup and restore current security configurations.
- Adds roaming SIM card support to the Moxa Connection Manager (MCM).
- Adds a CLI command in Moxa Connection Manager (MCM) to toggle GPS functionality on or off, with the default state being on (active).

### Enhancements

- Includes the latest security patches.
- Enhances the connection check-alive feature in Moxa Connection Manager (MCM) to include domain server name pinging.
- Adds a check-alive criterion in Moxa Connection Manager (MCM) to confirm IP acquisition by the network interface, eliminating the need to ping the server.
- Adds seamless failover mechanism in Moxa Connection Manager (MCM), minimizing downtime during connection transitions.
- Upgrades Moxa Industrial Linux 3 from version 3.0.0 to 3.1.1.

### Bugs Fixed

- An issue in the Moxa System Manager's backup function.

### Changes

N/A

### Notes

- This OS image is applicable only to the CTO models of the UC-8200 Series.
- This version includes fixes for security vulnerabilities in the Linux kernel and Debian 11. It is highly recommended that you update your device to maintain its security. A detailed record of changes made to Moxa Industrial Linux, including packages added, upgraded, and removed, and security patches applied, can be found in the Moxa Linux Document Center at: <https://docs.moxa.online/mil/>.
- You can also use OTA updates from our APT software repositories to apply this change. For instructions, please refer to "Tech Note: Keeping IIoT Gateway Software Up-to-date" available at <https://www.moxa.com/en/products/industrial-computing/arm-based-computers/uc-8200-series#resources>.
- Ensure that the device is rebooted after the updates.
- After a successful update, the MIL version should be v3.1.1, and the Image version should be v1.1. You can query the MIL and Image versions using the commands 'mx-ver -M' for MIL and 'mx-ver -v' for the Image.
- This update includes Moxa Industrial Linux 3 (Debian 11) and is not compatible with UC-8200 devices currently running Moxa Industrial Linux 1 (Debian 9). Direct upgrades are not possible without Moxa assistance. If you wish to upgrade from Moxa Industrial Linux 1 (Debian 9) to Moxa Industrial Linux 3 (Debian 11), please contact your regional sales representative for assistance.



<b>Version: v1.0</b>	<b>Build: 221223_154337</b>
<b>Release Date: Mar 06, 2023</b>	

### **Applicable Products**

UC-8200 Series

### **Supported Operating Systems**

Moxa Industrial Linux 3 (Debian 11)

### **New Features**

- First release.

### **Enhancements**

N/A

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

- For details of all packages in Moxa Industrial Linux 3 (Debian 11), visit the Moxa Linux document center at: <https://docs.moxa.online/mil/>