Firmware for AIG-301 Series Release Notes

Version: v1.8.3	Build: N/A
Release Date: Oct 30, 2026	

Applicable Products

AIG-301 Series

Supported Operating Systems

Moxa Industrial Linux 1 (Debian 9)

New Features

N/A

Enhancements

• To enhance security, the HTTPS server certificate is now generated for each device and is unique as opposed to one certificate for all devices.

Bugs Fixed

• CVE-2026-46333 vulnerability. For more details, search the Security Advisories section on the Moxa website for the following Security Advisory ID: MPSA-263140.
• CVE-2026-9266 vulnerability. For more details, search the Security Advisories section on the Moxa website for the following Security Advisory ID: MPSA-266240.
• An issue where edgeAgent and edgeHub failed to restart according to their restart policy.
A watchdog mechanism now monitors module health.
• A case of Azure IoT Edge connection failure when DNS queries were sent over TCP to a DNS server that supports UDP only.
A built-in DNS proxy now forwards these queries over UDP.
• An issue where the Tag Data Processing web page is not working.

Changes

N/A

Notes

• This patch applies to AIG-301 with firmware v1.8.x and ThingsPro v2.6.0-4499.
• To upgrade to the patch, do the following:
? a. Download the *.deb file from the Moxa official website, or copy the URI of the patch YAML file.
? b. Log in to the AIG-301 web console with admin permissions and go to General Operation > Software Upgrade.
? c. Select "Upgrade From the Local Drive" and select the *.deb file you downloaded, or select "Download Over the Air" and enter the URI of the patch YAML file.
? d. If the software upgrade snapshot function is disabled, reboot the device.
? e. Confirm the versions on the Dashboard page when the patch is successfully installed: firmware v1.8.3, azureiotedge 2.4.4-2906, and edge-web 2.1.1-6922.
? f. (optional) Verify the installed Debian packages via SSH or the serial console:
?? - dpkg -l | grep appman ? appman 2.3.2-3233
?? - dpkg -l | grep aig-301 ? aig-301-kernel and aig-301-modules 4.4.302-cip94-rt52-moxa2-aig-301+deb9u3
? g. Reboot the device.