Firmware for AIG-302 Series Release Notes

Version: v1.1.0	Build: • .0+8000-20250225
Release Date: Feb 25, 2025	

Applicable Products

AIG-302 Series

Supported Operating Systems

Moxa Industrial Linux 3 (Debian 11)

New Features

• Adds support for the Telit LE910C4-WWXD module.

Enhancements

• When the cellular connection experiences an unexpected disconnection, the AIG-302 will perform three software resets followed by three hardware resets.
   If these actions are ineffective, the system will trigger a reboot.
   Note: If the cellular module is unresponsive during the boot-up process, the inspection will be suspended to prevent continuous rebooting.

Bugs Fixed

• Some provisioning settings for the Azure IoT Edge are not updated correctly after importing a configuration file.
• A case of incorrect I/O tags created by the TagHub or Modbus Server.
• A failure to map coil/discrete tags from the Modbus Server.
• The GPS configuration option "Automatically adjust coordinates for GPS changes" is not applied.
• CVE-2024-24557, CVE-2023-44487, CVE-2024-21626, and BDSA-2024-5.

Changes

• Refactors the OTA (Over-The-Air) upgrade behavior to use a pre-defined package list with specific package versions instead of upgrading all packages to the latest versions from the Debian source lists.

Notes

• The upgrade package is approximately 200 MB and hence the process may take up to 40 minutes.
• Known Issues:
   - Hot swapping of SIM cards is not supported. Reboot the device after replacing the SIMs for the changes to take effect.
   - The HTTP Service status in the DLM Service Status is shown as "disabled" when "Redirect HTTP to HTTPS" is enabled on the Home > Security > HTTPS page.
   - When the optional Wi-Fi module is installed, flashing the firmware image via the USB device is not possible. We strongly recommend using the upgrade pack to update the AIG-302.