



Firmware for AIG-501 Series Release Notes

Version: v1.4	Build: N/A
Release Date: Nov 14, 2024	

Applicable Products

AIG-501 Series

Supported Operating Systems

Debian 9.x

New Features

- Supports backup of logs with capability to upload to FTP/SFTP.

Enhancements

N/A

Bugs Fixed

- A case of IoT edge modules startup failure when AIG was disconnected.
- An issue where memory usage was unusually high.
- A case of inability to send data to the cloud when it contains a NaN value.
- An issue with a DO initial state configuration.
- Modbus master, OPC UA Server, and Function Management apps occasionally fail to start after reboot.
- A case of incorrect display of Wi-Fi information.
- An issue with GPS time synchronization drift.
- An issue where function app content was missing after extracting large files.
- A case of unexpected message display when fail2ban is triggered.
- A data loss issue during telemetry transmission via Azure IoT Edge.
- A module connection failure issue when the UDP DNS payload is too long.
- An issue of the GPS API not returning up-to-date values.
- CVE-2024-21646: <https://nvd.nist.gov/vuln/detail/CVE-2024-21646>.
- CVE-2024-27099: <https://nvd.nist.gov/vuln/detail/CVE-2024-27099>.
- CVE-2024-25110: <https://nvd.nist.gov/vuln/detail/CVE-2024-25110>.

Changes

- Updated Azure IoT Edge runtime to v1.4.33.
- Updated thingspro-agent to v2.2.6 with Azure IoT Edge v1.4.40.
- edgeAgent and edgeHub images updated to v1.4.40.

Notes

- The size this upgrade package is approximately 452 MB and the upgrade process will take a minimum of 20 minutes.
- This upgrade package includes Linux headers. Ensure that the system reboots successfully after the upgrade.