

Product Change Notification—PCN# **PCN000 001105**

May 05, 2025

Dear Valued Customer,

We would like to inform you that Moxa is going to make changes to the AIG-301 Series. These changes will be implemented by May 05, 2025. Please review the details below to determine how these changes will affect your products and/or operations.

What will change?

Software

New Features

1. Adds the Telit LE910C4-WWXD module support for AIG-301-T-AP-AZU-LX/ AIG-301-AP-AZU-LX

Fixed Issues

1. An instance of the DO value set by Modbus did not update correctly.
2. An unresponsive refresh button on the I/O page.
3. An error message “**Sparkplug service is busy (please try again later)**” appeared when configuring Sparkplug.
4. Selection of the “**Only send changed values**” option for **Publish Immediately** mode in Sparkplug did not save.

Known Issues

1. The Sparkplug configuration will be lost if power is cycled within 10 seconds after saving the configuration. Note: Sparkplug configuration will take at least one minute when many messages or tags are selected. Wait at least one minute after saving the configuration.

Enhancements

1. The DLM Client for the Moxa DLM Service now implements a backoff mechanism to prevent excessive message repetition during high-frequency events, optimizing events reported while ensuring critical notifications remain visible.
 - If the same event occurs five times within a 5-minute window, the system enters backoff mode, progressively increasing the message delay up to a maximum of 60 minutes.
 - During backoff, events are sent as compressed messages with an indication of suppression count (e.g., "backed off for x times").
 - Normal message delivery is resumed once the event stops occurring or after a device

reboot.

Notes

1. The upgrade process from firmware v1.6 to v1.7 will require approximately 20 minutes.

Hardware

1. The cellular module of the AIG-301-AP-AZU-LX/ AIG-301-T-AP-AZU-LX will be changed from the Telit LE910C4-AP to the Telit LE910C4-WWXD.
2. The AIG-301-AP-AZU-LX doesn't support the Regulatory Compliance Mark (RCM) certification.

Which products will be affected?

Product Name	Current Version	New Version
AIG-301 Series	V1.6.0	V1.7.0

When will the new versions be available?

Product Name	New Version	Available for Order
AIG-301 Series	V1.7.0	Available Now

If you have any questions, please contact alfredfh.li@moxa.com , or contact your regional sales representative.