

Aspect v3.01.04

Issue Date: January 23, 2018

Product: Aspect®

Product Version: 3.01.0.4

Summary

This maintenance update release addresses Modbus IP, **Active Energy** integration and other issues.

Background

This is a maintenance update for the **Aspect** v3.01.03 revision.

Features and Installation

All files relevant to this release can be found on the [Dealer Toolbox](#) by visiting [Product Support](#) > [Firmware Updates](#) and [Product Support](#) > [Software Updates](#)

Installation

In order to take advantage of product enhancements and resolutions within **Aspect** v3.01.04, you must upgrade the firmware of your existing Aspect® target (**Aspect-Matrix MAX™**, **Aspect-Nexus™**, **Aspect-Facility™**, **Aspect-Enterprise™**) using the [System Update](#) feature within the [WebUI](#) of the target.

Instructions on this process can be found in the **Aspect-Studio™** Online Help at any time. Once your target's firmware has been updated, you must then open your existing project using **Aspect Studio** v3.01.04. Perform a Clean and then deploy your project to the target. This process **must** be done to ensure your project files receive all enhancements and updated drivers included as part of this maintenance release.

Resolved Issues

- ASP-4536** Modbus IP offline devices no longer cause network congestion.
- ASP-4537** Out-of-service Modbus devices returning to service will be detected without an **Aspect** restart.
- ASP-4525** Image size and name now persist as expected.
- ASP-4526** Changes to the properties of a graphic element are now rendered on the Graphic as expected.
- ASP-4529** The graphic element renderer no longer fails when spaces are added to a graphic group name.
- ASP-4538** Quality is no longer set to "bad" on all points when ping fails.
- ASP-4539** The SSL homepage can now be set to **ngAdmin** instead of **WebUI** on **Aspect-Matrix MAX™**.
- ASP-4540** Background polled points now update properly when they have an external watcher.
- ASP-4541** Buffer overflow errors on TSC device RPMs have been resolved.
- ASP-4542** [Max ports to TSC driver](#) now defaults to 5.

- ASP-4543** "Value Override TString" property will now be saved when written to.
- ASP-4544** TSC and Modbus protocols now honoring the 30 second guaranteed response rule.
- ASP-4395** Authentication/Authorization issues on targets that do not have a deployed project have been resolved.
- ASP-4553** **Active Energy** push no longer drops samples after IO Exceptions .
- ASP-4556** Database schema migration optimized when upgrading targets to **3.01.xx**.
- ASP-4557** Modbus driver IP/RTU timeout/retry parameters are now configurable.
- ASP-4558** Modbus slave devices should be taken out of service if gateway reports error `x0B`.
- ASP-4560** An option has been added to allow green-screen links to remote URLs.
- ASP-4568** A Map-referenced (Mapref) ghost point no longer causes background polling on referenced points if it is not background polled itself.
- ASP-4632** Improved logging to avoid **Active Energy** API request timeouts.
- ASP-4635** Corrupt schedule configuration data is no longer saved.
- ASP-4637** The **Active Energy** Push Service now has an option to ignore intermittent bad quality values.
- ASP-4643** When a "No Push Data for range" error arises, timestamps are no longer set on subsequent push.
- ASP-4644** Fixed a datatype coercion issue writing to a BACnet ASC device.
- ASP-4686** Improved **Active Energy** API error logging.

Customer Impact

Customers using Modbus over IP should upgrade to this version as soon as possible.