

ASPECT® v3.03.00

Issue Date: July 7th 2019

Product: ASPECT®

Product Version: 3.03.00

Summary

This update adds several new features, including **Single Sign-On** and **Combo Schedules** that support up to 45 **Exceptions**. In addition, several usability issues have been resolved.

Background

This is a maintenance update for the **ASPECT®** v3.02.02 revision.

Features and Installation

All files relevant to this release can be found on your region's support site:

- In North America see the [Cylon dealer toolbox](#).
- In Europe / ROW see support.cylon.com on the **ASPECT®** page in the **Software Download** section.

Installation

In order to take advantage of product enhancements and resolutions within **ASPECT®** v3.03.00, you must upgrade the firmware of your existing **ASPECT®** target (**MATRIX Series**, **NEXUS Series**, **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** v3.03.00. 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.

New Features

Seamless integration between linked graphics with Single Sign-on

- Logon once to an Aspect Control Engine and seamlessly link to remote graphics without entering additional login credentials

Enhanced Trend Charting

- Horizontal and Vertical Zoom
- New tree component for Trend Sample Selection
- Trend Sample Search function from tree
- Trend samples are displayed with units as specified in the map configuration
- CSV or JSON data log export
- Graphs can be exported as a PNG or SVG image
- Graph print utility to print directly to a printer from the graph in the browser
- Option to display the available trend sample list in a tabular format as with pre v3.03 Aspect



Hardware Failure detection improvements

- SD Card fault detection and notification of fault
- Control Only Mode after SD Card media errors

Project development performance support

- Project templates are now configured with limits and default property values that reflect the capabilities of the targeted platform
- Deployment seatbelt added to check recommended limits per target platform
 - Trend samples, historical alarm and audit log limits
 - Trend sample, historical Alarm purging on by default
 - Properties can be modified directly at deploy time

Intuitive Property Detail Level exposure defaults

- Low/Med/High Property selections have been modified to reflect common usage patterns
- Last selected Low/Med/High value is now persisted between Aspect Studio restarts

Flexible Aspect scheduling

- Aspect Combo Schedules now support 45 exceptions per “non” distributable schedule

Usability Improvements

- Online/Offline Device status visual improvements
- Annunciators are now pre-configured to display online/offline status when connected to a network device in the map
- Online/Offline/Disabled Styles and Enumerations can be customized to display device status information on a graphic
- SQLite Database backup/restore option
- Factory or Network Reset option from 2nd Ethernet Port (Nexus 2)
- Emailed alarm notifications not fired on control engine restart

Resolved Issues

The issues addressed in this release are as follows:

ASP-4906 Trend graph y-axis issues have been resolved.

ASP-4951 & ASP-4901 Aspect Combo Schedules now support a non-distributable option that allows 45 exceptions per schedule.

ASP-4952 MSR pluggable Synchronized Security model has been added as an embedded security service.

ASP-4953 Auto Login property has been added to the **GELink** element in graphics pages.

ASP-4954 Automatic logins via **GEAnnunciators**, **GEPolygons** and **GELinks** added on graphics pages.

ASP-4962 & ASP-4980 Network Resource `postJSONRespRequest` does not define a connection timeout.

ASP-4982 **ASPECT®** Points are now writeable.

ASP-4992 A diagram view element that can determine the type of a **ValueObject** has been added

ASP-4995 **ASPECT®** **ComboScheduleExceptions** no longer restrict the user to only enter time - dates

ASP-4999 Click action for trends now works correctly

- ASP-5001** A method has been added for visually indicating Network the status of devices with color.
- ASP-5004** Restarting **ASPECT®** no longer results in alarms being re-generated.
- ASP-5009** **JSON** import now refers to "Strategy" instead of "EC"
- ASP-5010** Single sign-on authentication has been added to servlet base classes.
- ASP-5014** Modbus TCP/IP no longer pads writes with nulls on all data types.
- ASP-5015** Backup and restore has been added for database and configuration.
- ASP-5016** Recommended settings have been identified to ensure optimal performance in the **ASPECT®** database.
- ASP-5018** "Port" and "Simple Mobile Web Port" are no longer allowed to be configured to the same port number in WebUI.
- ASP-5019** The `factoryReset` scripts on all platforms now reset the "Simple Mobile Web Port" to 8080.
- ASP-5022** SD Card integrity check have been added to **MATRIX Series FTServer** targets.
- ASP-5025** Teletrol TLC now comes alive (as per v3.01.06)
- ASP-5029** A configurable global session timeout has been added to the `ngAdmin` web interface.
- ASP-5030** New Trend Chart and tree components have been added to display and select trend samples
- ASP-5031** High/Med/Low properties have been modified to better suit users' usage patterns
- ASP-5032** `CombinedBuild.sh` has been modified to allow the selection of branches in **git**
- ASP-5033** Replace **javascript** dependency with **typescript** for `ngAdmin` to facilitate ad-Hoc Graphing enhancements.
- ASP-5035** `Segmentation Enabled` option has been added to `BACnet Configuration` .
- ASP-5037** The last-selected low/med/high selection now persists across restarts of **ASPECT®-Studio**.
- ASP-5038** `GEPolygon` click action - Remote Graphic (no nav) – now works as expected.
- ASP-5039** **eMap** discovery now imports "Home Graphic" on network points as it does at the device level
- ASP-5040** You can now drag and drop the id/ref path to xfer graphics to a `GELink` map on a Map Graphic.
- ASP-5046** Annunciator and Polygon click actions for remote context and graphics now login automatically to the **ACE** Target
- ASP-5048** Upgrade **ASPECT®-Studio** API for use with Aspect 3.03.00
- ASP-5050** Automatic logging has been added
- ASP-5052** Date / Time editors in schedules behave as expected in `ngAdmin` .
- ASP-5054** Ad-Hoc Trend for VX/MapStatus* / VX/MemoryStatus* no longer error code
- ASP-5056** When the Saved Trends table is sorted, clicking on a trend no longer returns data for the unsorted saved trend.
- ASP-5057** System Information drop-down list Default selection value is now visible.
- ASP-5058** Source Schedule editor is now laid out correctly on `Bulk Change Schedules` .
- ASP-5059** Deployments to targets with projects that have been removed no longer fail on the first deployment.
- ASP-5060** Style configurations can now be edited in a deployed project.

- ASP-5061** Passwords on **emap** networks can now be edited in **ngAdmin**
- ASP-5068** **Cleanup Trends Max rows** default has been set to **432000**
- ASP-5070** A property allowing graphics coercion to be disabled has been added to the Map **Expert** tab.

Customer Impact

It is recommended that users experiencing problems with the issues listed above upgrade as soon as possible. Customers interested in taking advantage of other resolutions outlined above should upgrade when convenient.