ATMS 2.10 Release Notes

Key features:

- Integration of GRIDSMART camera to show fisheye view, device information, and camera status
- Created a POD Base station device type
- Added Scout Controller type
- Enhanced MMU and CMU permissives in ATMS database editor to present as a triangular matrix versus a single row
- Added the Flex Group selection field in the Create Definition menus (both in list or map view) to enable a user to assign a controller to one or multiple Flex Groups at the time of creating the controller
- Added two (2) alarms for Pedestrian Phase extension and Red Clearance extension
- Added two (2) reports for extensions (Pedestrian Phase or Red Clearance extension)
- Encryption of configuration and utility files in ATMS for enhanced security posture
- Updated to include support for TLS 1.2
- Included a field for the pocket (bay) turning lanes and its length in the Intersection Layout
- Added a field to declare if a lane is channelized in the Intersection Layout
- Added Curbside and Downstream detector purposes in the Intersection layout (used with Subtract Detector option for calculating turning movement counts for shared lanes)
- Modified the detector purpose interface to be more flexible and support combinations of detector purposes
- Enhanced the Shared % and Subtract Detector menus in the Intersection Layout to be more flexible and support turning movement calculation for shared lanes where all three movements are allowed (Left-Through-Right)
- Added Pedestrian Scramble as a pedestrian crossing type in the Intersection Layout
- Provided software prerequisites for Tidalwave with ATMS v2.10
- Created My Report category so each user can select a subset of reports that are frequently used
- Updated Split History, Split Timeline and Field Alarms report criteria to include days of week
- Added the Continuous or Interval timespan criterium for Split History, Split Timeline and Field Alarms reports
- Created an option for a user to choose which detector types should be used for retrieving volume or occupancy data for Volume/Occupancy per lane report and graph
- Enabled the ability to generate the Volume/Occupancy, Volume/Occupancy per lane and Turning Movements reports per Flex Group for multiple controllers
- Enabled the ability to generate Split History and Split Timeline reports per Flex Group for multiple controllers
- Added minimum split, maximum split, standard deviation, 50th and 85th percentile values for the split duration in the summary table for each controller in Split History report
- Reconciled the time format across all reports to show 00-24h (military) format
- Added a scrollbar to the filter list in the Alarms Dashboard

- Added ATMS support for the SCP protocol to enable retrieving high-resolution or volume/occupancy data for Trafficware controllers with v6 engine board while using strong password
- Created four (4) Excel Export Templates with updated export data and formulas to not rely on controller parameter positions in spreadsheets (for v65, v76 ATC and v76 2070 controller software)
- Separation of alarms and events depending on the controller programming is included
- Improved the loading speed of tabs in the Edit Database screen
- Enhanced the logic for updating the ATMS components' status (bulbs in the lower right corner of ATMS client)
- Added new parameter for ethernet link speed for v76 ATC and v76 2070 controller types
- Included a scroll bar to the Reports Filter dialog box
- Added a Modified Date field in the Dynamic Timing sheet to represent the timestamp when the database was saved
- Configuration of Latitude, Longitude, and Altitude enabled for Accidents and Construction events in the Definition tab
- Converted all reports to Dev Express report engine
- Limited log file size and number on the ATMS client workstations to prevent consuming the hard drive
- Incorporated a link for the ATMS User Guide to ensure access to the most up to date documentation
- Included ability to automatically update alarms in the Selected Details tab
- Updated Axis Media Control 7.20 link and added Axis Media Control 7.3.10.1 link to the ATMS splash screen

Defects addressed:

- Enabled deletion of duplicate scan elements on the map after conversion by selecting, right-click and delete
- Resolved issue when using the Shared % option for calculating Turning Movement Counts for mixed lanes, to enable turning movements to be presented accurately for Left or Right maneuver regardless if a dedicated left or right turning lane is already present
- Corrected display of Peer-to-peer port numbers
- Resolved a band passing through a red bar in Time-Space diagram
- Improved verification of connectivity between ATMS and Alarms Dashboard to prevent data inconsistency
- Resolved issue with the Split History Auto Report when a signal name is used in the filter criteria selection
- Enabled the Expanded option for Dynamic Timing sheet for v76 controllers
- Resolved the CAD Incident feed issue
- Resolved permissions issue to show the Legend in the Bing Map view

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