# ATMS 2.9 Release Notes

**Key Features:**

- New Intersection Layout menu is introduced. It redefines the way how an intersection geometry and movements, phases, detectors and other elements are defined in the system.
- The metadata from the Intersection Layout screen will become available via CV module and TidalWave data services.
- All data are separated according to user defined Jurisdictions (alarms, Bing Maps, GIS Maps, incident triggers, reports, Groups, Flex Groups and all other places where controller lists are displayed).
- The sequence and priority numbers in Scan element Properties window can be modified by typing the value as well as by moving the slider.
- Scan elements for movements/phases/overlaps (arrows), ped phases, and detectors now contains additional tab which displays information entered in Intersection Layout screen.
- Additional Scan elements have been created (Bike, no left turn, no right turn…)
- New high-res tab is introduced with the details of high-resolution file retrieval and update to SPM cloud.
- All device and event icons are scalable and they resize when zoom level is changed. Additionally, users can modify the size of an icon for all the icons of the same type.
- The reason for download is displayed in the Archive database list for each download instance if entered by a user.
- Excel data export txt file is changed to contain unique names for every parameter in order to prevent the template files to be affected by occasional changes made by adding new parameters in the existing controller firmware.
- Pattern Purpose and Pattern Description parameters in Pattern plus category are added to better describe used patterns.

**Other Defects and Features Addressed:**

- Movement Labels are added to Timing Sheet ATC v76 header
- IP address of an ATMS server is removed from the email subject line when Incident Trigger, Health Monitor or Alarm Notifications are sent via email
- DevExpress report has a new command bar that is visible at all times regardless of the scrolling
- Time-Space diagram issues are resolved
- Red time in Transit Priority report is not rounded anymore
- Preemption report is converted to DevExpress report type
- Every other blank row in exported excel file for reports is removed
- Signal name is displayed completely in a tooltip on the right side of Edit Database screen when hovered over.
- Conflict between User Group and User IDs is resolved.
- Database Comparison report displays entries chronologically
- Data from v61 controllers are enabled in TidalWave data stream

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- The occasional issue with creating the Exchange Folder for ATMS - Synchro Integration is resolved
- Day Plan category added for v76 2070 controller type, Enable Alarms and Enable events are expanded to be easier to read in Dynamic Timing Sheet for v76 controller type
- Advanced Schedule tab - printing issue resolved
- Print/Export issue under the "Vehicle Detection" menu is resolved