

CompassCom: Empowering ESRI® GeoEvent, Velocity and Online

In April 2023 CompassCom is releasing CompassTrac 8.2 which will include the CompassCom Connectors to ESRI® GeoEvent Processor, Velocity and ArcGIS Online. CompassCom is a leader in the automatic vehicle location (AVL) industry, enhancing safety, efficiency and accountability for the mobile work force. CompassCom and ESRI users will be able to integrate both worlds to create a seamless real time location and telematic data solution. CompassCom provides industry standard hardware from providers like CalAmp®, Sierra Wireless®, Motorola® and Trimble® delivered with a choice of wireless service providers, to support a real time solution. CompassTrac's ESRI based viewer, real time alerting, historical reporting and interface to ESRI's real time GIS platforms offers the best of breed for real time asset location solutions.

CompassCom offers vehicle installation and integration support services to ensure quick and successful integration to the ESRI® GeoEvent Processor. CompassAVL® not only tracks asset location, speed, and heading. But also, discrete data events such as snowplow blade up or down, emergency lights on or off, or a streetsweeper's broom on or off. CompassCom also integrates with onboard vehicle diagnostic equipment, multiple road material spreader manufacturers for snow removal, private radio systems, smart and phones.

Once connected CompassCom and ERSI users are able to leverage CompassCom's real-time AVL with ESRI's real time GIS processing and display expertise. The GeoEvent Processor provides the means to filter, and query live mobile asset data and output to various map, dashboard and data formats. Today, customers use CompassCom's connector ESRI GeoEvent Server for publishing a near real time winter snow operations map that allows for the public to see the status of nearby snow removal operations.

Similarly, CompassCom and ESRI Velocity customers can take advantage of CompassCom's ability to integrate the two. Whether it is GPS location and telemetry, engine diagnostic data, or snow materials. Paired with Velocity's online data analytical toolset, customizable dashboards, and industry specific applications like the Snow Operations dashboard.

CompassCom's output to ArcGIS Online provides a very simple means to empower the ESRI online environment for real time asset viewing. When advanced data processing, dashboards or specific data driven applications are not a requirement, CompassCom's connector to ArcGIS Online is for you.

CompassCom offers the flexibility of hosting CompassAVL® as a service, or customers may choose to install the system on-premise at their location. Standing up these connectors start with simply acquiring a license from CompassCom. Next, if necessary CompassCom can assist with the lightweight integration effort regardless of whether your environment is on-premise or hosted in CompassCom's Azure environment.

With the ability to interface to numerous GPS location and telematic devices in a hosted or on prem installation, coupled with CompassCom's ability to empower ESRI real time GIS platforms with a variety of options. Whether advanced analytics, dashboards, custom workflows or a simply easy to use real time asset tracking solution is your requirement. A CompassCom solutions empowering ESRI available to you.