CompassCom®

CompassLDE® Connector by CompassCom: Empowering the ESRI® ArcGIS GeoEvent Processor

Get Connected !

CompassCom has released the CompassLDE® Connector to the ESRI® ArcGIS GeoEvent Processor available in ArcGIS 10.2 or newer versions. CompassCom is a leader in the automatic vehicle location (AVL) industry, enhancing safety, efficiency and accountability for the mobile work force. Available since March 2014, GeoEvent Processor users will be able to integrate with the CompassLDE® Server to provide a plug and play solution with most any wireless communications networks, and multiple hardware devices. Once connected, users will be able to leverage the ESRI® GeoEvent processor's real time GIS capabilities, while using CompassCom's proven AVL suite of reporting and viewer software, to provide the best of breed 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. 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 phones, and handheld GPS units.

Existing CompassLDE® and GeoEvent Processor users can download the connector via the ESRI® GeoEvent Processor Gallery, at no charge and immediately develop real-time applications . New customers receive the CompassAVL® bundle directly from CompassCom. This includes the CompassLDE® connector, CompassAVL® viewer, installations scripts and a GeoEvent Processor configuration file. Configuration between the CompassLDE® connector, and the ESRI® ArcGIS GeoEvent processor is accomplished entirely within the GeoEvent Processor configuration interface. This is documented in both the CompassCom and ESRI® documentation. CompassCom will provide new customers the vehicle hardware, installation, wireless service and CompassLDE® server software to seamlessly integrate into the GeoEvent Processor. Once connected GeoEvent Processor users are able to leverage CompassCom's real-time AVL expertise. The GeoEvent Processor provides the means to filter, and query live mobile asset data and output to various formats.

Out of the box, users will be able to display real-time information from the GeoEvent Processor via REST services directly into the CompassAVL® viewer. The viewer is developed with the ESRI ArcGIS API for JavaScript, and is fully customizable. Also included with the CompassLDE® Connector is a 30 day free trial of the CompassTrac® viewer, which has additional functionality not included in the CompassAVL® viewer. As well as a trial to CompassReports® which is CompassCom's AVL data reporting product. Lastly, CompassCom offers the flexibility of hosting CompassAVL® as a service, or customers may choose to install the system on-premise at their location.

CompassAVL® Minimum System Requirements

Hardware:

Windows Server 2003 – 2012 (physical server or VM)

Dual core Intel Xeon 2.0 GHz +

4 gb RAM (16 + recommended)

Hard Drive w/partitions:

  1-Operating system – 80gb +_

  2-CompassCom AVL – 100gb +

Internet access 2.5 mb/s +

Software:

ESRI ArcServer 10.2 w/ GeoEvent Processor

SQL Express with Studio 5+

 MySQL, ORACLE, Post greSQL, Access also supported

Internet Information Service (I.I.S) 7 or later

SQL Express with Studio 5+

*For further ESRI® software requirements or product details please consult ESRI® documentation.