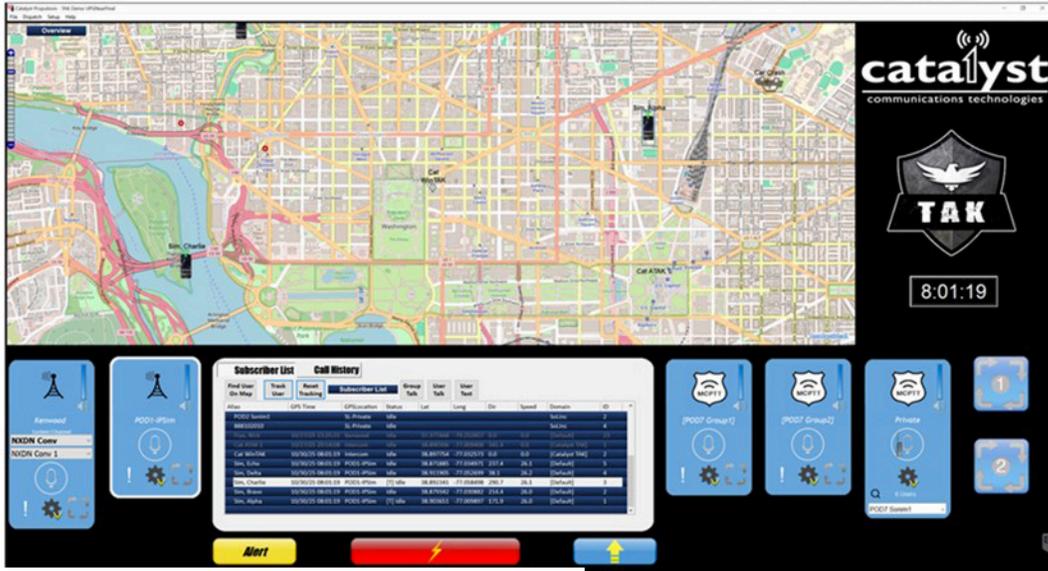


InterLoc™ - Integrated Location Services from a Leader in Unified Mission Critical Communications



InterLoc™ provides unified resource mapping services incorporating Land Mobile Radio systems, Broadband 3GPP MCPTT networks and TAK platforms.

InterLoc™ is tightly integrated with Catalyst's Propulsion™ Dispatch Console solution, simplifying operations and enhancing situational awareness.



A scalable, fault tolerant architecture where location data is stored locally in each Catalyst Gateway. P25 Conventional systems are accessed via the DFSI interface, DMR Tier III systems are accessed via the AIS wireline interface, 3GPP MCPTT networks are accessed via the secure 3GPP Client Interface, DMR Tier II and other radio systems are accessed via donor radios and TAK platforms are accessed via the secure TAK server interface. Multiple Propulsion consoles can access/share any combination of system gateways simultaneously.

A Cost-Effective Approach to Situational Awareness and Response

- The InterLoc™ map presentation is based upon Open StreetMap technology, a collaborative, editable open source map of the world.
- Use of Open StreetMap technology provides a very cost-effective location services solution, as expensive map licensing fees are avoided.
- Cellular usage charges are also eliminated (for LMR users), as the GPS data traverses the LMR network and not cellular networks as most location services products require.
- Customized maps can display physical resources such as towers, buildings, substations, etc.



InterLoc™ - Maps and the Subscriber List can be displayed on a separate monitor or integrated with the radio control modules



The Subscriber List is a window that presents every subscriber device that has sent its coordinates. The subscriber list can be customized with separate, sortable columns for Unit ID, Alias, channel, time, and emergency status. Clicking on a User in the Subscriber List Window centers the map on that subscriber.

Powerful controls that Dispatchers can easily understand and utilize

- Personal Location: InterLoc™ tracks individuals with portable radios and Broadband smartphones as well as vehicles with mobile radios
- Find the relative position of an individual instantly with the "Find User on Map" button in the Subscriber List
- Find details about an individual in the Subscriber List by clicking on the individual's icon on the map
- Identify who is active and who they are speaking to, instantly; the subscriber list shows the unit ID and alias of every radio that has sent coordinates in the last 24 hours, the channel or talk group it used, and the time it last updated its coordinates
- Emergency Information: the radio's icon turns red and its status is highlighted in the Subscriber list. Dispatchers can see a list of all radios in Emergency status with the click of a mouse.

Advanced Resource Mapping Technology

- Track users in real-time along with historical (breadcrumb) location information
- Create geographic areas of interest (Geofences) directly within InterLoc or import from TAK
- Create ad hoc talk groups for instant communications with units in a geofence/area of interest
- Create markers/objects of interest
- Export LMR and MCPTT user location and emergency information to TAK



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