



Intel Viz™ (iViz™)

A PORTABLE, FLEXIBLE, VISUALIZATION CAPABILITY

LOCKHEED MARTIN
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iViz™ is a powerful, portable, and scalable geospatial visualization tool delivering situational awareness capabilities and rich 2D/3D content to field users - whether first responders or tactical disconnected users. iViz™ overcomes challenges associated with proprietary tools and incompatible formats that have made sharing, adding, and visualizing data in the field difficult.

iViz™ is a single, lightweight, turn-key application, designed to support Open Geospatial Consortium (OGC) Standards. Eliminating proprietary technologies and formats allows for flexibility and extensibility of the platform. Installing iViz™ is fully automated and requires no knowledge of backend server configurations, providing a powerful capability for users to be up and running in minutes. iViz™ is flexible and can operate as a self-contained, browser-based application on any modern Windows, Linux, or OS X laptop or tablet. Additionally, the iViz™ application can serve out content to any smartphone or mobile device with a web browser.

iViz™ utilizes the GeoPackage OGC standard to provide a convenient way to prepare and share self-contained portable content for use within the application. iViz™ comes complete with GeoPackages of popular basemaps and vector overlays. Users can request content tailored to meet the needs of their mission. Built into the map are the same powerful search features in the online Map of the World application.

Field users can add their own content to iViz™ by simply browsing to the file on their device. iViz™ supports a variety of raster and vector file types, including, but not limited to NITF, GeoTIFF, JPEG, KML, Shapefile, GeoPackage, and geo-tagged photos. All content provided upon deployment and uploaded by users is available on both the 2D map and the 3D globe.

iViz™ is an ideal solution to share rich geospatial content across mobile/touch devices. As a fully portable solution, iViz™ affordably supports disconnected operations for small numbers of users, but also scales to support disconnected enclaves with hundreds to thousands of users. Whether your mission environment is a natural disaster, a disconnected unit on a security patrol, or an intelligence unit on an isolated enclave, iViz™ delivers all of your enterprise's rich geospatial content to the edge.