HiPER LOOK®

Features

- Enterprise-level map and image server for sharing geospatial data

- Ability to scale to petabytes of data

- Optimized for speed in high and low band-width network environments

- Visual Search and Discovery with Browse and Catalog

- Automated patching of new data with no down time

- OGC-compliant web services for streaming to 3rd party applications

- Re-project, Process, and Filter layers on-the-fly

- Publish predefined maps or style custom configurations

- Web-viewer with terrain analysis tools

- View and export data for mobile devices

FROM THE CLOUD TO THE CARGO POCKET

CDI's HiPER LOOK® is a high performance map server for cataloging, organizing, and sharing large volumes of geospatial data and imagery. HiPER LOOK leverages Open-Geospatial-Consortium-compliant (OGC) web services (WMS, WMTS, WCS, and KML), which allow users to access high volumes of geospatial data quickly from both connected and disconnected devices and applications.

HiPER LOOK can be deployed on premises with existing infrastructure, in cloud environments such as Amazon Web Services (AWS), and Microsoft AZURE Cloud Services to the tactical edge in disconnected environments.

THE HiPER LOOK SOLUTION IS COMPRISED OF TWO KEY COMPONENTS

An Encoder used to organize geospatial data from multiple formats

A Server which supports the following OGC Services: WMS, WMTS, WCS and KML.

FAST AND EFFICIENT ACCESS TO THE DATA YOU NEED

Accessible across a variety of platforms, HiPER LOOK® enables data visualization for massive geospatial data sets. We make it easy for any soldier, surveyor or emergency responder to access high volumes of geospatial data from any location.

HiPER LOOK Export Services and KiOSK

HiPER LOOK's Export Services are designed to support tactical operators and first responders who need to take the most current geospatial data with them offline. Users can easily select Areas of Interest (AOIs) and export to a variety of common image formats (TIFF, PNG, JPEG), or mobile-optimized data—GeoPackage, SQLite, etc.

The Power of the Enterprise Delivered to the Tactical Edge

HiPER LOOK offers web-based Export Services via a simple user interface. Users can export:

- Mobile Formatted Data: Imagery, map and terrain data specially formatted use in common mobile applications like ATAK, A-PASS, Killswitch, and Nett Warrior.

- 3D data as OBJs

- Common data formats like GEOTIFF, JPG and PNG

Add on Support for KiOSK and HiPER DRIVE

Enhance your existing HiPER LOOK server or deploy a standalone KiOSK capability to generate custom HiPER DRIVEs. The HiPER DRIVE miniaturizes the capabilities of the HiPER LOOK server and packages it in a portable, self-powered device that can be used on a small tactical LAN. HiPER DRIVE supports the same OGC data services and features an embedded web viewer, which allows users to complete their work in both connected and disconnected environments.