

HiPER LOOK



GEOSPATIAL DATA FROM THE CLOUD TO THE CARGO POCKET

PIXIA's HiPER LOOK® is a high performance map server for cataloguing, organising, 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 to the tactical edge in disconnected environments and includes the following key 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 bandwidth network environments
- Visual Search and Discovery with Browse and Catalogue
- 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

PIXIA Core Technology

Over the course of two decades, software engineers at PIXIA have developed cutting-edge technology to keep pace with ever growing data volumes. PIXIA's core technology ensures extremely fast data retrieval rates and is optimised to work equally well with bare metal, virtualised and cloud-based environments.

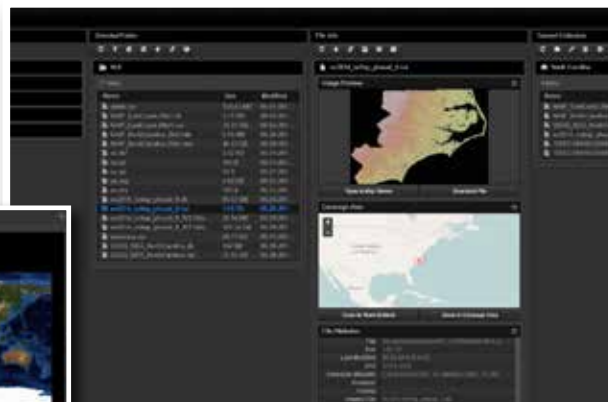
PIXIA sits on top of the operating system and is integrated at the data storage level, providing centralisation, consolidation, and standardisation of common geospatial types

Exploding Data Volumes

A significant trend in the geospatial market has been a rapid growth in data volumes. Remote sensing platforms, field collection teams and military agencies, are storing more and more data. Even as effectively managing spatial data becomes more complex, end users expect consistently faster query response times. Meeting these growing demands for more information in a timely manner requires an alternative approach, an approach that accelerates the pace of deployments without compromising scalability, performance, and security.

If your organisation depends on geospatial data to support mission-critical objectives, HiPER LOOK is the answer.

Publish predefined maps or browse data to visualise on demand



PIXIA®

www.pixia.com



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HiPER LOOK Export Services and KiOSK

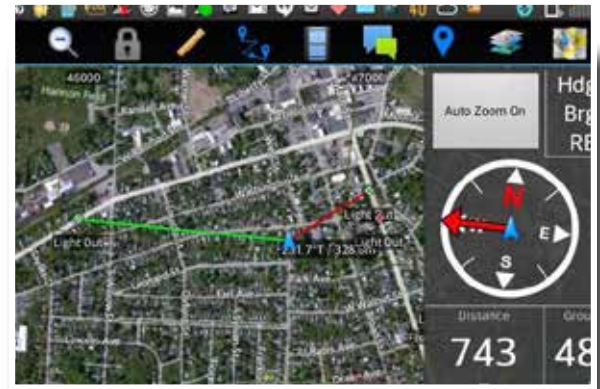
HiPER LOOK's Export Services are designed to support tactical operators and first responders who need to take the most current geospatial data with them offline. Users can easily select Areas of Interest (AOIs) and export to a variety of common image formats (TIFF, PNG, JPEG), or mobile-optimised data—GeoPackage, 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:
 - o **HiPER DRIVES:** A disconnected map server designed for expeditionary applications. HiPER Drives run off commodity hardware, such as USB hard drives, flash drives, or SD card
 - o **Mobile Formatted Data:** Imagery, map and terrain data specially formatted use in common mobile applications like ATAK, A-PASS, Killswitch, and Nett Warrior.
- **Amazon Snowball Edge Devices:** The HiPER LOOK Snowball Edge device is a self-contained storage and compute node, which includes a HiPER LOOK server and OGC-service enabled data in a disconnected AWS environment

Your Data, Your Device, On Demand

Many PIXIA customers do not have fulltime data managers to curate, prepare, and distribute data for expeditionary, disconnected operations. PIXIA offers turnkey solutions to prepare HiPER DRIVES, mobile devices like tablets and smartphones, and Amazon Snowball Edge devices – at the customer's request – as a managed service. Your data, your device, on demand.



Select AOIs to export data in a variety of formats



Learn More

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