



Features

- Automated ingest and alerting
- Rapid search and discovery
- High speed playback of imagery
- Deliver service-enabled content to any application or algorithm
- Monitoring for data updates and automatic updates
- Optimization for access in low-bandwidth environments

HiPER CLOUD®

Advanced Systems For Your Data

HiPER CLOUD combines the features of a web-based imagery catalog with a rapid visualization capability for streaming imagery over areas of interest as an image flipbook. Users employ HiPER CLOUD to quickly scan through hundreds of images, compare overlapping imagery for change detection, and stream data into 3rd party apps.

HiPER CLOUD can be deployed on premises with existing infrastructure, in dynamic cloud environments such as Amazon Web Services (AWS) and Microsoft Azure alongside file and object based storage systems, or to the tactical edge in network disconnected environments supporting expeditionary missions.

HiPER CLOUD™ ENABLES THE RAPID SEARCH, DISCOVERY AND VISUALIZATION OF GEOINT VIA A WEB-BASED CLIENT OR ROBUST SERVICES TO THIRD PARTY APPLICATIONS.



**DYNAMIC CATALOG INGEST
AND ALERTING**



**RAPID VISUAL SEARCH
AND DISCOVERY**



**HIGH SPEED CONTENT
PLAYBACK**

Dynamic Catalog Ingest and Alerting

Customizable workflows to connect to pipelines of geospatial data, ingest metadata into an enterprise scale catalog, and create user defined alerts when new content is available. User-centric notification services and standing queries “push-enable” data to users in real time.

Rapid Visual Search and Discovery

Visually explore content in areas of interests (AOIs) via HiPER CLOUD’s coverage map. Quickly search and filter on metadata in the enterprise catalog to narrow content down to the ideal result set. Visualize depth of coverage and refined results on the coverage map, then select data for further exploitation.

High Speed Content Playback

With full video-like controls, flip through geospatial data from searches to identify content for the next step in the analytic process. Save geospatial data for side by side comparisons, change detection, and time-lapsed analysis to narrow content down to the ideal result set. Visualize depth of coverage and refined results on the coverage map, then select data for further exploitation.

Your Data, Your Device, On Demand

Analysts face the challenge of sifting through hundreds of images to find the right content that supports their reporting needs. HiPER CLOUD shrinks the content discovery timeline to deliver more timely analysis and higher analytic output through rapid visual search and discovery. Stream content directly into common exploitation tools like ArcGIS, SOCET GXP, and Remote View through web services. Machine learning algorithms can connect to massive volumes of geospatial data through HiPER CLOUD’s high speed, pixel streaming interfaces, enabling automated feature extraction, object identification, and change detection workflows at enterprise scale.