



JAGWIRE™

QUICKLY IDENTIFY THE DATA
YOU NEED AND DELIVER IT
TO DECISION MAKERS –
REGARDLESS OF LOCATION

HARRIS® TECHNOLOGY TO CONNECT,
INFORM AND PROTECT™

HarrisGeospatial.com

BENEFITS

Manage all data types including full motion video (FMV), satellite imagery, SAR, LiDAR, and even mission chat sessions

Quickly discover data across the network, regardless of where it was collected or stored

Deliver near real-time information to decision makers across geographically dispersed organizations



MANAGE YOUR DATA. DISCOVER ANSWERS. MAKE DECISIONS.

Analysts in today's world are expected to have the right information at their fingertips to answer urgent questions at a moment's notice. Speed is of the essence to discover the data, analyze it, and then create products to solve problems. This task can be overwhelming because of the massive volume of geospatial data that is available. The challenge is usually not whether the appropriate data exists, but rather how to quickly find it and then correlate it with other types of information. Jagwire allows analysts to spend less time searching for the right data and more time providing answers for time-critical operations.



JAGWIRE – BATTLEFIELD PROVEN AND READY FOR BUSINESS

Jagwire is scalable, web-based software featuring state-of-the-art video processing, data analytics, and a powerful geospatial data federation capability. Having consistently delivered results for the defense and intelligence community under the most rugged battlefield conditions, Jagwire's reliability has been extended to support any organization that relies on geospatial data to make time-critical decisions. Jagwire allows geographically dispersed organizations to gain near real-time access to geospatial data collected from a broad range of orbital and fixed wing sources and supports virtually any data type including live video feeds, satellite imagery archives, LiDAR point clouds, and vector data types. With business in mind, Jagwire supports a wide variety of geospatial applications including ENVI and ArcGIS so you can leverage the investments you've already made.

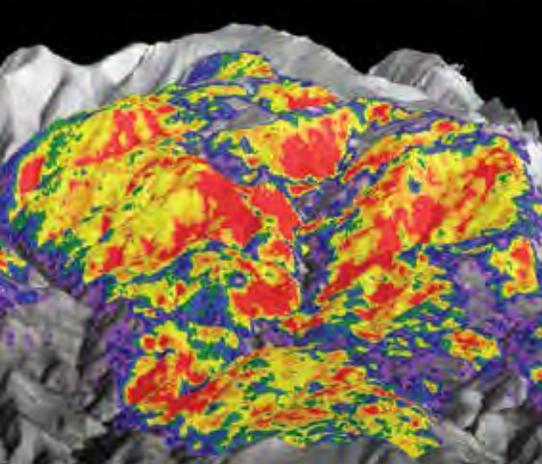


CAPABILITIES

Catalogs imagery in its original format and normalizes to JPEG 2000 for JPIP dissemination

Stores FMV at input rates and transcodes in real time to multiple different bit rates

Provides the best possible video quality over your specific network



ACCESS ALL RELEVANT DATA FOR BETTER SITUATIONAL AWARENESS

Coordinating a major fire-fighting effort is no easy task, especially when you have multiple first responders, planes in the air, and news media on the ground awaiting timely updates. Threats to critical infrastructure and population centers require fast access to all data for all relevant locations. Jagwire ingests and normalizes multiple types of data ranging from satellite and aerial imagery (NITF, TFRD, GEOTIFF, JPEG) to live video and wide area motion feeds (FMV, WAMI) to LiDAR point clouds.

In this scenario, Jagwire enables any aerial platform carrying a sensor to help assist first responders and firefighters by delivering invaluable data in real time. Coupled with additional metadata such as spatial information, live chat and user created annotations, Jagwire becomes a critical tool for those helping direct the operations within the command centers. Jagwire uses variable bit rate transcoding so all users are seeing the same image, just at varying resolutions depending on available bandwidth. With all classes of users accessing the same information in real time, decisions are streamlined and assets can be deployed where they will be most effective.

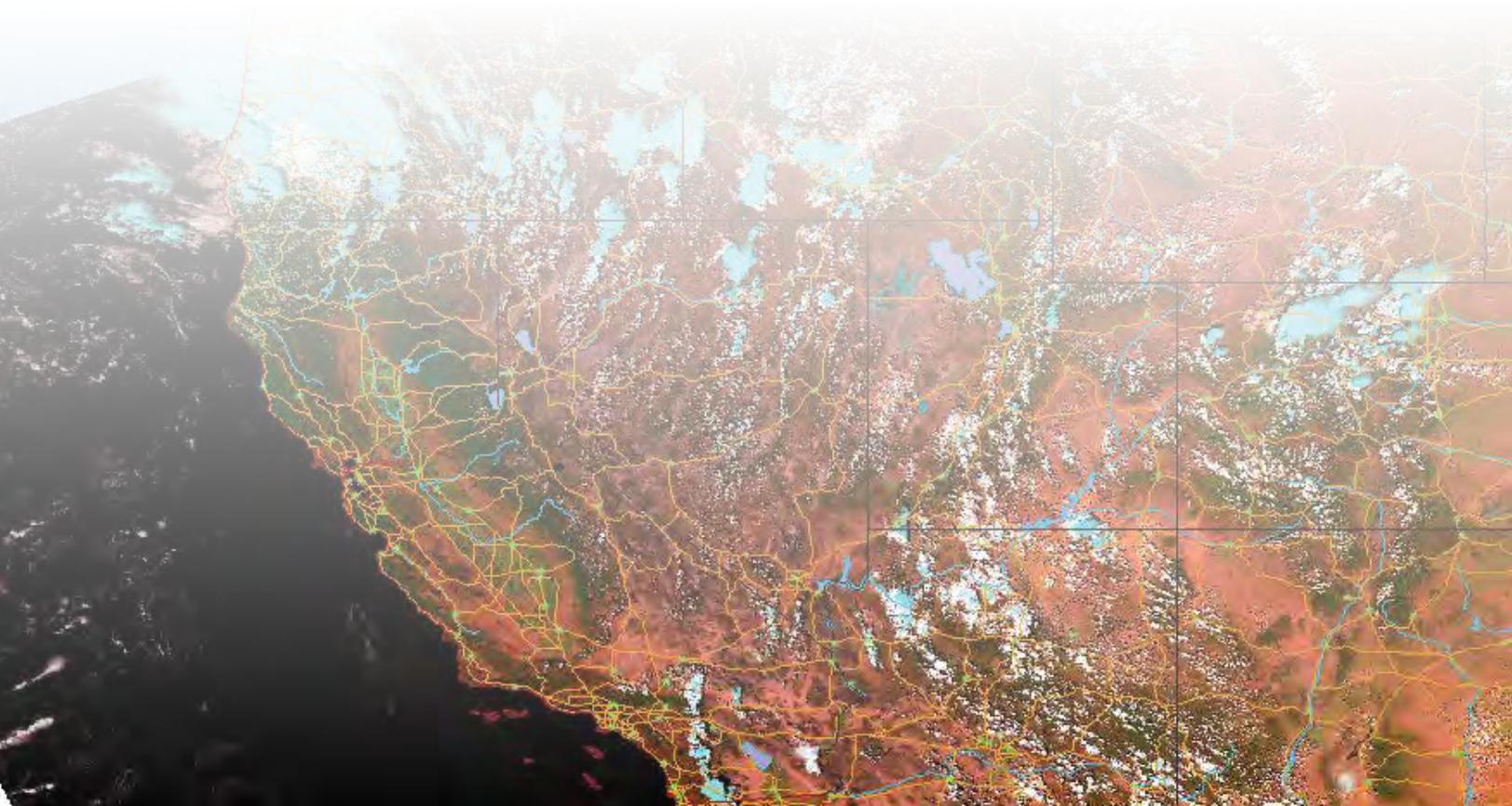


JAGWIRE TURNS YOUR DATA INTO HIGH-CONFIDENCE DECISIONS

Federal, state, and local law enforcement agencies need high-tech surveillance solutions to assist on-the-ground activities. Jagwire and ENVI Services Engine (ESE) transforms geospatial data into an effective information stream for real-time intelligence on illicit activity like human trafficking and drug distribution. Jagwire integrates with ESE to provide analytics to monitor changes to the environment, identify spectral signatures, and fuse data into real-time intelligence. Jagwire allows you to immediately deploy new custom analytics that are specific to your particular mission or problem set. Because the analytics reside with the data, analysis can be performed on-the-fly from web-enabled devices in the field.



WHEN JAGWIRE IS OUTFITTED WITH ENVI, IT'S POSSIBLE TO APPLY ADVANCED IMAGE ANALYTICS TO CREATE INTEL/MAP PRODUCTS, WHETHER YOU'RE IN THE COMMAND CENTER OR IN THE MIDDLE OF THE ACTION.



JAGWIRE DELIVERS CRITICAL INTELLIGENCE TO THOSE WHO NEED IT MOST



When disaster strikes, the international community responds. A diverse coalition such as the Department of State, USAID, the Department of Defense, and NATO forces need to work across multiple security domains to provide critical and timely intelligence. Jagwire is designed and optimized for these high-demand, low-bandwidth networks, and is capable of disseminating complex data sets to thin-clients and mobile devices.

Jagwire allows interdisciplinary experts and distributed forces to search and discover geospatial data and intelligence products according to their security access domain. Jagwire's unique security tagging of data and multi-domain access means that information goes only to those who are cleared to see it. Jagwire is accredited and used across multiple domains including commercial internet, unclassified government internet, and coalition networks. Jagwire allows you to discover, share, and deliver critical information from raw source data to GEOINT analysis.

**BECAUSE JAGWIRE IS A PROVEN SOLUTION
THAT IS ALREADY ACCREDITED TO RUN
ON MULTIPLE NETWORKS, IT IS READY
TO SUPPORT OPERATIONS DAY ONE.**



QUICKLY FIND DATA REGARDLESS OF WHERE IT'S COLLECTED OR STORED

Jagwire allows users across multiple organizations to quickly find data with advanced discovery and filtering capabilities based on a variety of parameters (geospatial, temporal, and thematic). Analysts can quickly sift through millions of images and thousands of hours of FMV and refine the search down to the granular level. With optimized archiving and federation, Jagwire doesn't duplicate data, but rather leaves it where it's collected, and moves it only on-demand. This lowers the time associated with moving the data as well as the cost of managing and storing data.

INTELLIGENT FEDERATION FOR A MORE EFFICIENT NETWORK

With its intelligent federation capability, Jagwire automatically recognizes when data becomes available on a Jagwire node. It then immediately makes it discoverable throughout the system giving each piece of data more utility. Federated Jagwire users can easily discover and share data, reducing redundancies and gaining new found synergies. Jagwire will catalog nearly any data type including satellite imagery, FMV, WAMI, LiDAR point clouds, as well as mission chat sessions and metadata. This data can then be discovered across the network regardless of where it was collected or stored. So when you're looking for that critical piece of information in a mountain of data, Jagwire helps you quickly and efficiently find exactly what you need.



**JAGWIRE IS A SCALABLE,
WEB-BASED DATA
MANAGEMENT SOLUTION
FEATURING STATE-OF-THE-
ART VIDEO PROCESSING,
ADVANCED IMAGE ANALYTICS,
AND AUTOMATED GEOSPATIAL
DATA FEDERATION**



STAY CONNECTED

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TECHNICAL SUPPORT

HarrisGeospatial.com/support

LEARNING OPPORTUNITIES

Classroom Training

Whether you are just learning our products or an experienced pro, we have courses designed to take your abilities to the next level.

Online Training

Attend a live web seminar or watch a recorded web seminar — the perfect way to learn about the latest product developments right from your desk.

HarrisGeospatial.com/training

About Harris Corporation

Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments from ocean to orbit and everywhere in between. Harris has approximately \$8 billion in annual revenue and supports customers in 125 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems, and Critical Networks.

For more information visit Harris.com.

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