L3HARRIS™
FAST. FORWARD.

GOVERNMENT
GEOSPATIAL SOLUTIONS

Mission confidence for the geospatial intelligence community

L3Harris provides world-class data processing, analytics and content management solutions that turn data into trusted information to detect, analyze, predict and respond to events around the world.

For nearly 40 years, L3Harris has been delivering mission confidence to the geospatial intelligence (GEOINT) community by developing and managing systems that collect, process, analyze, and deliver remotely sensed data and information to solve the toughest mission challenges.

Our analytic systems and algorithms are the most trusted in the GEOINT market. They are based on our unique mission knowledge and experience following decades of developing proven technologies across the remote sensing value chain – from sensor development, to automated processing systems, to development of analytics that are critical for informed decision-making.

Our industry advancements include:

> Developing tools that combine datasets to create the "gold standard" of foundation information and build systems that automatically deliver imagery and analytics for effective management of global GEOINT.

> Automating processing with workflow optimization, deep learning using synthetic datasets for training and advanced data analytics.

> Moving analytics closer to the data by developing platform or cloud environments that speed up the time for users to receive the results.

GEOINT Mission Confidence

KEY SPECIALTIES

> **Sensor data processing systems**

> **Content management tools**

> **Workflow design and system structure/behavior architecture**

> **Advanced analytics**

> **Deep learning algorithms**

> **System integration and planning**

BENEFITS

> **Trusted information from L3Harris-designed systems leads to high-confidence decisions**

> **Our automated systems cost-effectively free up analysts to perform higher-level cognitive tasks**

> **Cloud-based technologies that bring processing to where the data is stored reduce time between search and results**

L3Harris.com

L3Harris' mission expertise strategically positions us to bring the best value to our GEOINT customers.

DELIVERING TRUSTED INFORMATION

L3Harris leads the industry in turning sensor data into trusted information.

> Our algorithms are developed based on our 50-year legacy of building sensors across the remote sensing spectrum (electro-optical, infrared, radar, motion, LiDAR, multispectral, hyperspectral and maritime automatic identification system signals). We understand the intricacies of the data from these sensors and we are pioneers in applying the sensor data to meet mission needs.

> For 30 years, we have reduced risk for our customers by modeling and simulating sensor data and building exceptional processing systems.

> Our active content management capabilities are trusted to provide two-thirds of the world's vector-based foundation data for the National Geospatial Intelligence Agency's Map of the World.

AUTOMATING SYSTEMS FOR EFFICIENCY

L3Harris' mission expertise strategically positions us to bring the best value to our GEOINT customers. With more than 40 years of delivering mission confidence to the intelligence community, we partner with agencies to effectively achieve mission success.

> We are implementing automated processing to curate the data from all sensor phenomenologies through the entire life cycle while ensuring efficient and reliable retrieval of data for future needs.

> Our automated workflow automation tools for imagery (Hydra) and for motion imagery (Jagwire™) improve efficiency and provide consistency in how the data is managed, allowing analysts to concentrate on activities that require more advanced analysis.

> Through the programs we support, we are trusted to process image data and deliver high-quality products and services. This includes initial registration, noise reduction, cloud removal, building orthomosaics and digital elevation models, change and anomaly detection, and feature extraction.

BUILDING AGILE AND RESPONSIVE SYSTEMS

L3Harris tools are developed with a common set of standards and can readily ingest data from a broad range of sources and providers. Quality standards are applied to ensure reliability of the data incorporated into the system.

> Our proprietary conflation algorithms resolve conflicts between datasets to ensure the best possible data is stored in the system.

> Scalable, cloud-based systems provide cost-effective opportunities that increase efficiency and ease of access. They allow data processing in the same location the data is stored to decrease the time between input and results.

> Commercial GEOINT services and systems speed up timelines by incorporating readily available data for greater background and context to enhance the focus of government assets and fill data gaps.

> By capitalizing on advancements in technology and algorithm development, we are turning massive datasets into trusted information for change detection, predicting what will happen next, and prescribing maintenance to prevent future failures.

L3HARRIS™
FAST. FORWARD.

1025 W. NASA Boulevard
Melbourne, FL 32919