Harris Geospatial Solutions Overview

Harris Geospatial is the world leader in image science software and supporting technologies. Our products have helped scientists explore space, see the human body in new ways, and understand the world around them. Today, our customer's rely on our in-depth knowledge of advanced geospatial analytics, big data management technologies, and remotely sensed data, along with a highly turned process for applying deep learning to deliver value across a variety of industries.

Software and Technology:

- **ENVI** is the industry's leading image science software that enables users to extract actionable information from geospatial data to make more informed decisions. Businesses and organizations choose ENVI because it integrates with existing workflows, supports today's most popular sensors, and can easily be customized to meet unique project requirements.

- **ENVI SARscape** is used to process and analyze SAR data acquired from all existing spaceborne and selected airborne platforms, taking the data from hard-to-interpret numbers and turning it into to meaningful, contextual information. ENVI SARscape generates products and offers the option to integrate this information with other geospatial products.

- **Geospatial Services Framework** (GSF) is deployed in the enterprise and makes powerful analytics, and the information they provide, available across an organization. Since GSF is cloud and data agnostic, it takes advantage of the data assets an organization has already invested in. and easily scales up or down to meet demands.

- **Jagwire** is the leading web-based geospatial data management software solution used by organizations to quickly discover data, transform it into information, and put it in the hands of the people that need it most.

- **IDL** is the trusted scientific programming language used across disciplines to extract meaningful visualizations from complex numerical data. With IDL you can interpret your data, expedite discoveries, and deliver powerful applications to market.

- **Deep Learning Solutions** leverage technology that excels at automated target detection, land cover classification mapping, and automated scene state detection. For automated object recognition, this technology offers >> 95 percent performance on panchromatic, RGB, MSI, HSI, SAR, LiDAR, and derived point cloud data sets.

- **Satellite and Aerial Imagery** is available on Harrisgeospatial.com for nearly every location on Earth through partnerships with multiple companies including DigitalGlobe, Airbus, and Planet.

- **Geiger Mode Lidar** sensors from Harris provide LiDAR data and products to commercial organizations and civil government at a higher point density than has been possible up until now. This breakthrough technology allows for data to be processed in a way that can be used for multiple applications and on a variety projects.

Industry Solutions

- **Defense and Intelligence** – Harris Geospatial delivers solutions to help government organizations use satellite and other geographically contextual data to make higher confidence decisions. Whether the mission requires forensic analysis of a geographic area of interest or real-time access to data to gather actionable intelligence, Harris offers solutions to manage, exploit, and disseminate virtually any type of geospatial imagery, video, or data.

- **Federal and Civil Government** – Harris Geospatial offers high-quality source data and proven ENVI analytics that enable communities to prepare and respond to natural disasters, plan communities, and monitor infrastructure. Harris Geospatial provides solutions that are used to extract building footprints, model flood plains, and deliver actionable intelligence to first responders.

- **Utilities and Transportation** – Harris Geospatial has proven solutions to help safely, reliably, and efficiently manage utility and transportation networks. Imagery, advanced ENVI analytics, Jagwire, and deep learning technology can be used to get a clear understanding of the location, condition, and ongoing status of infrastructure to plan transmission corridors, manage vegetation encroachment, or respond to storm damage.

- **Precision Agriculture** – ENVI Crop Science puts industry-changing algorithms into the hands of growers so they can maximize yield and minimize losses. With these tools, agronomists, GIS analysts, and agricultural implementers can explore their data, count crops, assess crop health, conduct hotspot analysis, and map crop locations.

- **Maritime** – Harris has partnered with exactEarth Ltd to offer a full range of Satellite Automatic Identification System (S-AIS) data services and products to provide the most timely and accurate information available to run any maritime operation safer and more efficiently than ever before. This partnership is transforming the industry with real-time advanced ship-tracking solutions that optimize Harris' global satellite constellation for AIS.

- **Custom Solutions** – The Harris Geospatial Custom Solutions Group (CSG) has extensive experience handling data in many complex formats from a variety of commercial, scientific, and government sources. This team of scientific programmers can build custom, commercial-grade applications, data processing workflows, and productivity tools that will meet any geospatial data software need.

Partner with the leading image science and data management solutions:

- **ENVI is Available on Leading Platforms** – Advanced ENVI image analytics can be accessed on many of our partners' platforms including DigitalGlobe, ESRI, Planet, PrecisionHawk, and many others. Looking to run analytics at scale in powerful enterprise deployments? Ask for ENVI inside.

The challenges that perplex others are what we do best at Harris Geospatial. In the age of big data, many of our customers simply want answers. They rely on our decades of experience to combine image science and technology to deploy solutions that deliver valuable intelligence at the right time, in the right place, to the right people. www. Harrisgeospatial.com