Satellites
Transversal competencies

L3HARRIS
FAST. FORWARD.

L3Harris 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 customers rely on our in-depth knowledge of advanced geospatial analytics, big data management technologies, and remotely sensed data, along with a highly tuned process for applying deep learning to deliver value across a variety of industries.

COMPETENCIES & CAPABILITIES

ANALYTICS

L3Harris Geospatial's work in analytics can be traced back to 1977, when we developed Interactive Data Language (IDL) at the University of Colorado to support the Mariner Mars 7 and 9 space probes. Since then, we have stayed true to our origins of relying on scientifically proven analytics to create industry leading solutions that extract information from all types of remotely sensed data. Our software solutions support all of the latest data collection platforms (satellites, airborne, drone, terrestrial), more than 200 different types of data, and different modalities including panchromatic, multi and hyperspectral, LiDAR, SAR and FMV.

DEEP LEARNING

We have developed a highly tuned AI process, relying less on the volume of label data and more on reliable training models and high-performance computing, that allows us to solve real-world problems quicker and more cost effectively than ever before.

CONTENT MANAGEMENT

We have developed the solutions that make it easier and more profitable for our customers to access, manage, and share all this geospatial content. As geospatial content is consolidated and unified, L3Harris technology enables users to anticipate future enrichment, enhancement, and maintenance of the content in support of planned and unplanned missions.

L3HARRIS GEOSPATIAL

PRODUCTS & SERVICES

- 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.

- Custom Solutions –The L3Harris Solutions Delivery team 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.

MAJOR SPACE PROJECTS & REFERENCES

The following organizations have been using our technology:
- European Space Agency (ESA)
- German Aerospace Center (DLR)
- French National Centre for Space Studies (CNES)
- Italian Space Agency (ASI)
- South African National Space Agency (SANSA)
- eGeos
- Thales Alenia Space
- Airbus Defence and Space
- UNOSAT
- HISDESAT Servicios Estrategicos S.A.

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