![L3HARRIS® FAST. FORWARD.]

TRUETERRAIN™

Multi-source, multi-resolution, feather-blended mosaics

TrueTerrain from L3Harris makes the virtual world more realistic. TrueTerrain products are created using L3Harris technology, which merges and mosaics multi-source, multi-resolution satellite and aerial image data from five centimeters to 100 meters with digital elevation data.

These realistic geospecific image datasets are orthorectified, coregistered, tonally-balanced and seamlessly feather-blended into true-color mosaics. TrueTerrain products are then converted into the specific formats and tiling structures required for easy use within a wide variety of simulation and mapping applications.

L3Harris has decades of experience providing geospatial solutions for government and commercial customers, including those within the visual simulation and mapping industries. Our experienced staff of imagery scientists and analysts employ a customer-centric, solution-oriented approach, using advanced tools, algorithms and photogrammetric techniques to produce a suite of geospatial products with diverse commercial and military specifications.

L3Harris has global partnerships with many satellite and aerial data suppliers, maintains a vast internal archive of products and offers several flexible licensing options. All of this allows us to meet or exceed a wide range of customized requirements within the desired cost, coverage, schedule and quality constraints of our customers.
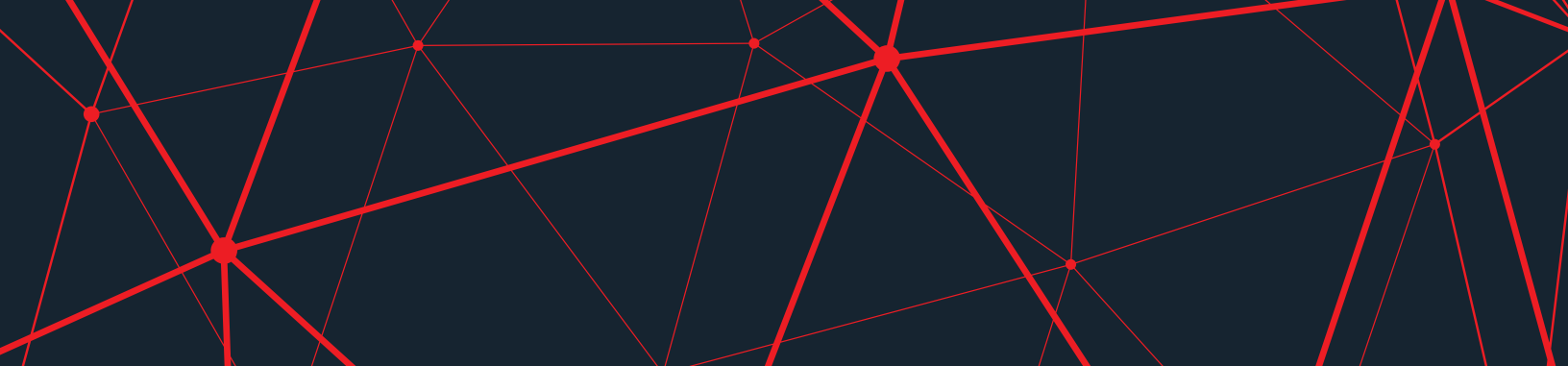
PROGRAM EXPERIENCE

The following are just some of the many programs that we have supported: F-15, F-16, F/A-18, CF-18, F-22, F-35, B-1, B-2, B-52, C-5, C-17, C-130, T-6, T-38, T-45, P-3, CH-47, Blackhawk, Apache and others.

BENEFITS AND FEATURES

> Multi-resolution datasets formatted for simulation and mapping applications

> Global coverage spanning entire countries down to a few square kilometers

> Archived coverage or new, custom data acquisition

> Imagery, elevation and other co-registered geospatial data ready for database

> Flexible licensing options

> Supporting metadata deliverables included for each dataset

L3Harris.com

TrueTerrain multi-source, multi-resolution feather-blended mosaic

TRUETERRAIN SUPPORT DATA (TTSD)

TrueTerrain products are accompanied by a set of support data files that provide important metadata information about the source data and specific project information.

> Metadata **–** XML format, FGDC compliant

> Cutline **–** The vector polygons include:

   – Satellite or sensor name

   – Source catalog ID

   – Acquisition date

   – Off-nadir angle

   – Sun azimuth angle

   – Sun elevation angle

> Browse image **–** TrueTerrain product at a reduced resolution

Cutline with attributes

FIELD	VALUE
FID	1
Shape	Polygon
Satellite	RE-2
Source ID	2017-05-17T111203_RE2_1B-NAC_32118206_945264
Acq Date	2017-05-17T 11:12:03.238478Z
Off-nadir	-6.19605
Sun Azimuth	170.012
Sun Elevation	60.35685

For additional information, email geospatialdata@L3Harris.com

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