

TRUETERRAIN™ NBAND

Ideal for a variety of classification projects

TrueTerrain nBand Orthomosaic products are custom built multiband datasets created using L3Harris proprietary technology. The datasets are constructed from the best available archived or newly acquired imagery from RapidEye or Landsat 7-8 sensors.

nBand Orthomosaics from RapidEye sensors have five multi-spectral bands: Blue, Green, Red, Red Edge and NIR. nBand Orthomosaics from Landsat 7-8 sensors have six multispectral bands: Blue, Green, Red, NIR, SWIR1 and SWIR2. Tonal balancing of all multispectral data bands are performed to enhance variability of features in the imagery and to minimize visual discrepancies in the final mosaic due to temporal, atmospheric and/or radiometric differences between scenes.

INNOVATIONS

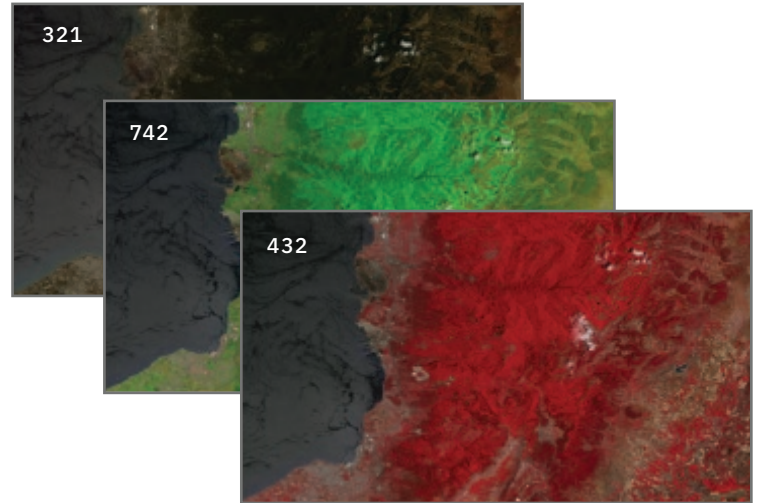
L3Harris has a more than 20-year legacy of producing high-volume imagery products per commercial and military specifications for a wide variety of market applications. L3Harris' workflow enables the production of accurate, seamless and color-balanced orthomosaics at competitive prices.



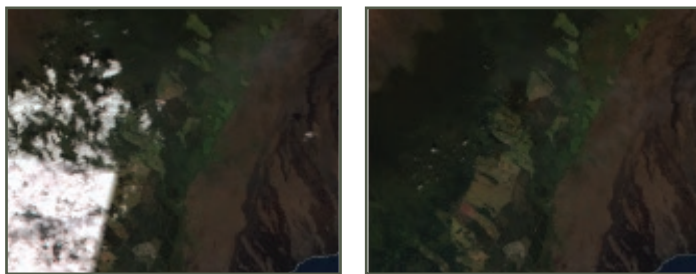
BENEFITS AND FEATURES

- > High-quality, high-volume orthomosaics
- > Geometrically aligned and orthorectified to ensure precision location
- > Minimal visual discrepancies due to temporal differences
- > All bands are uniformly color-balanced
- > Virtually cloud-free by using multiple overlapping scenes
- > Each TrueTerrain nBand product will include support data:
 - Browse images in GeoTIFF format
 - Cutline shapefiles with attributes
 - Metadata, FGDC compliant in XML format
- > Conveniently formatted into a ready-to-use product that eliminates user processing time and expense

RIGHT: Landsat 8 Mediterranean; acquisition dates: June 2014, July 2014 and August 2014



BELOW: RapidEye Gulf Coast; acquisition dates: April 2011, May 2011, October 2011, November 2011, January 2012, February 2012, March 2012, April 2012 and June 2012



ABOVE: RapidEye Hawaii; cloud removal using five image layers

FOR MORE INFORMATION:

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TrueTerrain™ nBand

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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