

INTERMAP
Answers Now™**NEXTMAP**®

Powerful Elevation Data

Comprehensive 3D Coverage

The high-resolution NEXTMap database from Intermap Technologies® provides seamless, wide-area digital elevation data and images, collected using advanced technologies, to enable accurate geospatial analyses across the globe. Consisting of a digital surface model (DSM), digital terrain model (DTM), and orthorectified imagery (ORI), NEXTMap is ideal for everything from engineering and infrastructure to regional and national mapping.

Key Benefits and Features



Continuous Updates

Terrain data is kept as current as possible, allowing more accurate cross-border geospatial analyses.



Void-Filled Data

NEXTMap eliminates gaps and interpolated data, allowing users to plan across large areas without worrying about seam lines or random errors.



Cloud-Free Images

Intermap's IFSAR sensors penetrate clouds, smoke, and haze to produce sharp, highly detailed images in any weather.



All-Encompassing Solution

NEXTMap offers the complete package – DEMs, imagery, quality, and a controlled schedule, anywhere.

Advanced Data Optimization

Through our ISO-certified Enterprise Workflow process we are able to ensure the highest quality and consistency with our products. Whether we are collecting data with our renowned interferometric synthetic aperture radar (IFSAR) system, or integrating other airborne or satellite data, our fully scalable data processing and QC enterprise platform enables Intermap to provide our clients with the highest quality products in minimal time.

Product Specifications

Our NEXTMap products consist of seamless, wide-area, and current terrain information that is available in hundreds of projections, datums, and file formats.

DSM

A first-reflective-surface model that contains elevations of natural terrain features in addition to vegetation and cultural features such as buildings and roads.

- 5m posting
- Vertical accuracy of 1m RMSE (1.65m LE90), in unobstructed regions with slopes less than 10 degrees

DTM

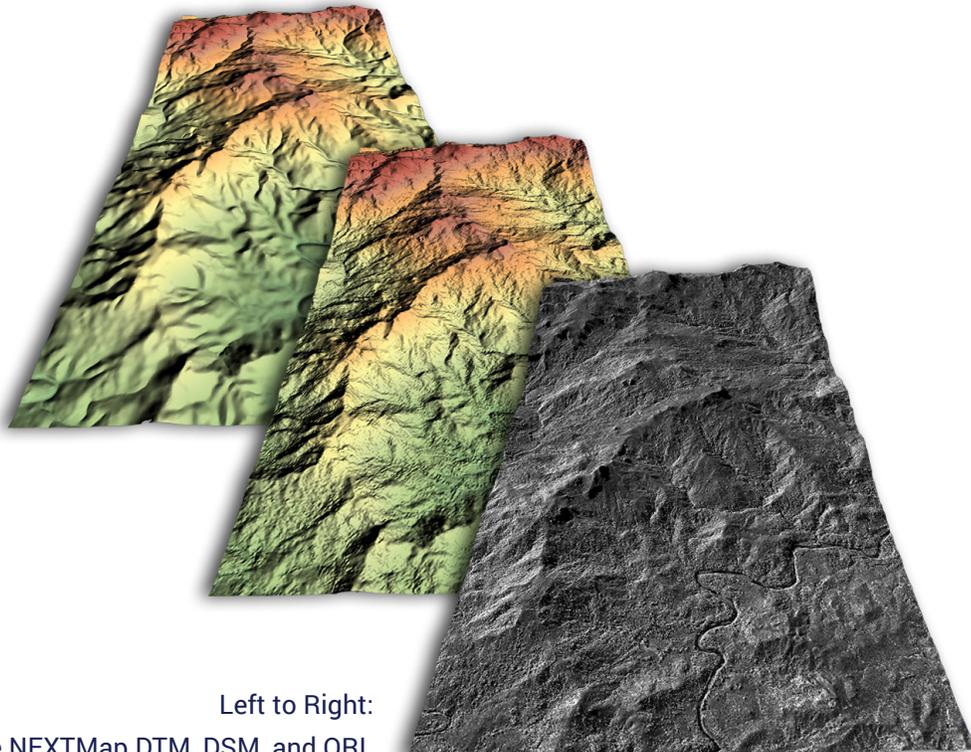
A bare-earth model that contains elevations of natural terrain features such as barren ridge tops and river valleys. Elevations of vegetation and cultural features, such as buildings and roads, are digitally removed.

- 5m posting
- Vertical accuracy of 1m RMSE (1.65m LE90), in unobstructed regions with slopes less than 10 degrees

ORI

A grayscale radar image of the earth's surface that has been corrected to remove geometric distortions caused by the terrain.

- 0.625m resolution
- Horizontal accuracy of 3m CE90



Left to Right:
The NEXTMap DTM, DSM, and ORI.

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Visit www.intermap.com
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for more information.

Intermap Technologies® is a global geospatial solutions leader focused on improving the ways in which people, businesses, and governments use location-based information. Intermap provides products, services, and solutions that help businesses and governments solve their geospatial challenges.

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