

INTERMAP
Answers Now™**Solution**

DATA ACQUISITION

Innovative Geospatial Solutions

Customized Data Solution

Intermap Technologies® provides custom air and spaceborne radar and/or optical data collection services to help you create innovative geospatial solutions for numerous commercial, governmental, and defense applications. We work with you to customize and deliver the most cost-effective solution, regardless of project size or location in the world.

Key Benefits and Features



All-Weather Acquisition

We map anywhere in the world day or night, regardless of weather conditions or cloud cover.



State-of-the-Art Technologies

Advanced RADAR, LiDAR, and satellite platforms offer worldwide, high-resolution data acquisition in a multitude of accuracies tailored to your needs.

Any Project, Any Location

No matter your project size or location in the world, Intermap provides an integrated approach to meet your resolution, accuracy, and geospatial requirements. Our approach can include our proprietary airborne interferometric synthetic aperture radar (IFSAR) technology, to light detection and ranging (LiDAR) and satellite imagery technologies – and much more. We utilize commercially available data sources to customize a unique solution for you.



Fast, Wide-Area Coverage

We map areas of any size, in a short time frame, saving you money and exceeding your project expectations.



Blended Dataset

If part of your area of interest has a different requirement, Intermap can leverage the best technology for each constraint and blend them together for the most useful end product.

Additional Technologies

We use a number of commercial airborne and spaceborne Earth observation remote-sensing technologies and platforms to accomplish your custom acquisition. We utilize commercially available data sources to customize a unique solution for you, including, but not limited to:

- Global Digital Elevation Models (DEMs)
 - NEXTMap® World 30™
 - DigitalGlobe™ Advanced Elevation Series
 - Digital terrain model (DTM) generation from point clouds
- Interferometric Synthetic Aperture Radar (IFSAR)
- Spaceborne SAR
 - COSMO-SkyMed
- Spaceborne Optical Remote Sensing Platforms
 - DigitalGlobe WorldView 3 (30cm)
 - DigitalGlobe WorldView 2/1
 - DigitalGlobe IKONOS
 - DigitalGlobe GeoEye
- Spaceborne Optical Remote Sensing Services
 - DigitalGlobe Global Base Map
 - Digital Globe First Look
- Airborne Optical and LiDAR
 - DigitalGlobe Precision Aerial
 - Microsoft UltraCam
 - Local providers as required

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**Visit www.intermap.com
or call +1 (303) 708-0955
for more information.**

Intermap Technologies® is an industry leader serving a diverse geospatial marketplace. We provide highly accurate geospatial information to help commercial enterprises and government agencies make better location-based decisions.

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Featured Technology: IFSAR

Intermap IFSAR data collection services are ideal if you need cost-effective, large area geospatial solutions that are more accurate than available satellite-acquired data. They provide accurate digital elevation models (DEMs), high-resolution .625m images, and supplemental thematic layers that are best suited for mapping projects with scales from 1:10K to 1:50K. IFSAR is optimal for feature extraction of roads, manmade features, hydrology, and structures – all elements necessary for quality topographic maps. IFSAR products include:

- 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.
- 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.
- ORI – A grayscale radar image of the earth's surface that has been corrected to remove geometric distortions caused by the terrain. The ORI has a 0.625m resolution and a horizontal accuracy of 3m CE90.