

INTERMAP
Answers Now™



X-band Radar

Aerial Data Collection

Flexible High-Volume Data Acquisition

Intermap Technologies® provides custom aerial radar data collection services to help you create innovative geospatial solutions for numerous commercial, governmental, and defense applications. Intermap works with you to customize our proprietary airborne X-band interferometric synthetic aperture radar (IFSAR) technology to deliver the most cost-effective solution for your geospatial requirements. Collection can be coupled with Intermap's P-band SAR for additional efficiency in creating solutions.

Key Benefits & Features



All-Weather Acquisition

Mapping anywhere, day or night, in any weather or cloud coverage.



Fast, Wide-Area Coverage

Large mapping footprint, reducing collection time and saving you money.



High Accuracy Data

Derives sub-meter vertical accuracy DEMs and high-resolution imagery.



Set Project Schedules

Mapping areas of any size, in a deterministic time frame, removing project uncertainty.



Consistent Results

With mature processes, products are merged seamlessly creating reliable foundation data.



Autonomous Collection

Operating in an automated fashion eliminates the overhead of an operator.

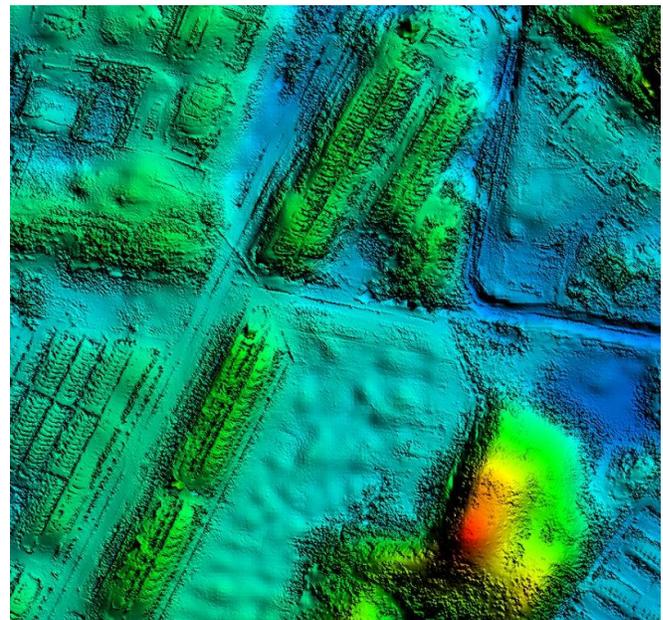
X-band IFSAR Technology

Intermap's 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, radiometrically balanced 25cm images, and supplemental thematic layers that are best suited for mapping projects. IFSAR is optimal for feature extraction of roads, manmade features, hydrology, and structures – all elements necessary for value added geospatial products.

Proven Operational Experience

Intermap has extensive experience working in adverse environments around the world. Through controlled processes across the entire life cycle of project setup, data acquisition, data processing and editing, and delivery, Intermap ensures the project runs smoothly and high-quality data is produced every time.

Item	Specification
Frequency	9.65 GHz center
Bandwidth	270-1080 MHz
Operational altitude	28000 ft typical
Operational speed	200 m/s (400 knots)
Resolution	25cm imagery, 1m posted DEM
Products	Orthorectified Image Digital Surface Model Digital Terrain Model (edited) Application-dependent derivatives



X-band Radar products include Orthorectified Radar Images (left) and Digital Surface Models (right)

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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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Intermap is ready to provide you with Aerial X-band Radar Data. Contact Intermap today for more information!