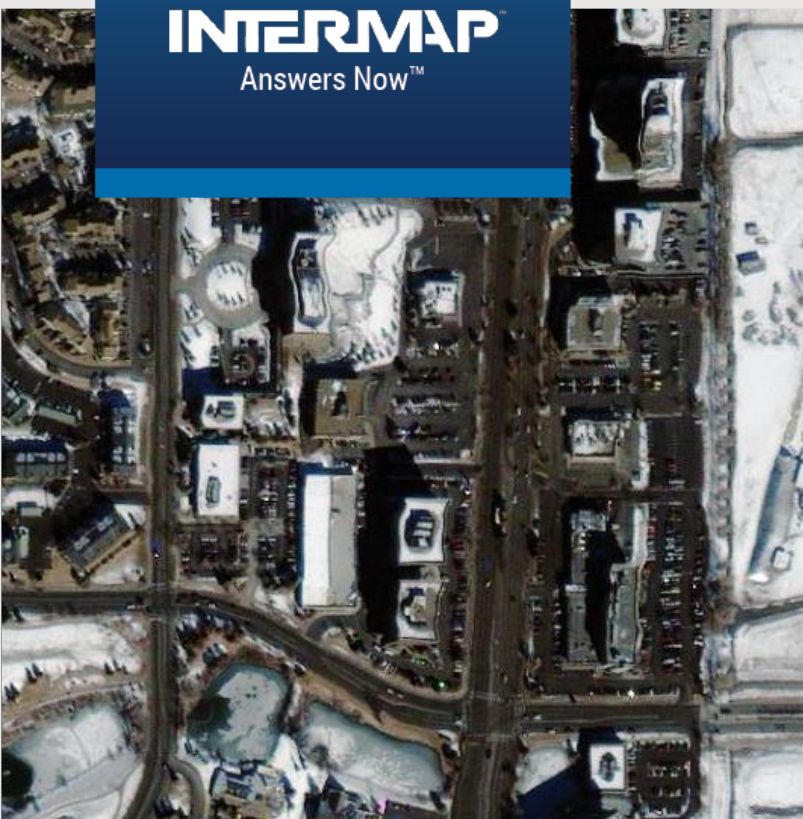


INTERMAP
Answers Now™



Orthorectification

Geometrically Correct Imagery

Unlock the Value of Your Imagery

Intermap's Orthorectification geometrically corrects distortions in any remotely sensed imagery that are caused by terrain relief displacement, sensor system errors, viewing perspective, and atmospheric refraction. Using Intermap's Orthorectification services, customers can get consistent geolocation regardless of image source allowing imagery from multiple vendors to be corrected and integrated. High accuracy orthorectification is especially important to achieve maximum benefit from the most recent advanced high-resolution optical and radar satellite imagery. Intermap's high accuracy Digital Elevation Model (DEM) is fundamental to this orthorectification process.

Key Benefits & Features



Create Seamless Imagery

Homogeneous NEXTMap data is base layer for seamless orthorectification.



Improve Image Accuracy

Benefit from accurate orthorectification of your image using Intermap's DEMs.



Any Imagery Source

Orthorectify any optical or radar image from satellite or aerial sources.



Geometrically Correct Imagery

Intermap's Orthorectification corrects distortions in remotely sensed imagery.



Cost Effective Solution

Optimize your project budget using Intermap's unique orthorectification method.



Maximize Value Potential

Allows you focus on using your imagery for your projects instead of preparing it for use.

Built on the foundation of NEXTMap

Intermap's orthorectification of imagery is based on our unique highly accurate NEXTMap elevation models. This high accuracy DEM is essential to saving cost and time, using single non-stereo images for orthorectification instead of the traditional method that uses image stereo-pairs.

Effective Use of Project Costs

Intermap has long been providing unique mapping services around the world utilizing all relevant remote sensing technologies. Our orthorectification approach leverages cloud-free airborne IFSAR to geometrically correct non-stereo optical and satellite imagery in a cost-effective way.

Wide Area Mapping

Intermap's Orthorectification service allows imagery from wide areas that often include different input sensors and collection times to be seamlessly corrected and registered pixel for pixel. Since the corrected imagery is free from geometric errors, it allows you to focus on utilizing the product for all levels of your mapping project including accurate feature collection.

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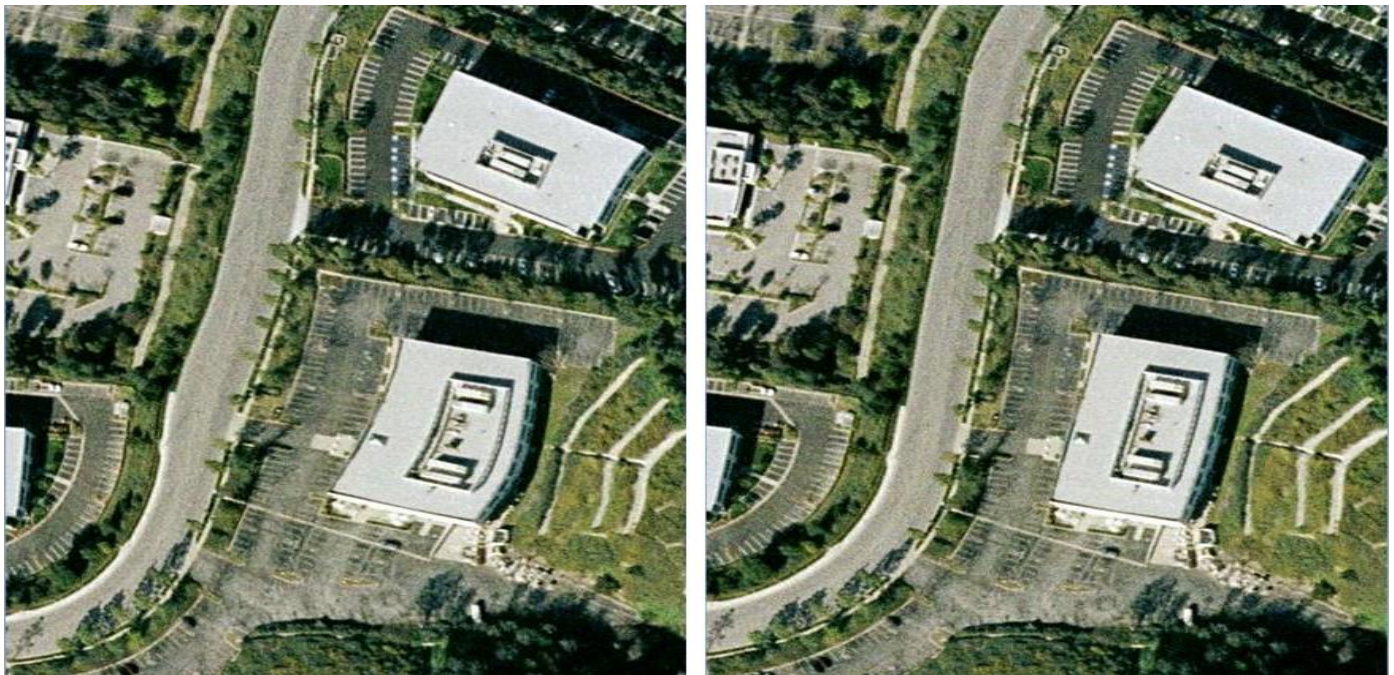
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Intermap's Orthorectification engine is used to geometrically correct sensor distortions in airborne and satellite imagery. Comparison in Orange County, CA, using USGS NED data (left) and Intermap's high-accuracy DEM (right)

Intermap Orthorectification services are available now. Contact Intermap to access free demo datasets and analytics today!