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# Aerial LiDAR

## Data Collection

### High Accuracy Details for your project

Enrich your level of understanding using LiDAR, a proven technology for collecting very high accuracy data sets with incredible detail. Intermap Technologies® provides custom aerial LiDAR data collection, processing, and solutions internationally. With a unique LiDAR fusion technology, Intermap allows you to both combine LiDAR data sets with existing data, as well as correct LiDAR data sets from systematic or calibration errors. Combined with vast experience delivering and editing nationwide datasets in a timely manner, Intermap's LiDAR solutions reduce cost and risk with your project.

### Key Benefits & Features



#### High Accuracy

LiDAR systems collect unprecedented accuracy of 3D data at high resolution.



#### Hybrid Data Sets

Seamlessly fuse multiple data sets to optimally balance accuracy and costs.



#### Proven Experience

Intermap has collected airborne data in over 40 countries.



#### Multiple Returns

LiDAR can penetrate through sparse foliage to provide points on the ground and surface.



#### Data Management & Analysis

Intermap's unique cloud services allow you to stream data and perform analytics.



#### Flexibility

Wide range of sensors and platforms allows us to plan operations to meet your needs.



## End to End LiDAR Solutions

From initial concept to delivery, Intermap's team of Geomatics engineers and scientists understand that data alone does not solve real world problems. Using proprietary stereo editing software and scalable data management and analysis software, new custom datasets can be created and deployed quickly to service your customers through powerful applications and API's.

## Hybrid Data Sets

Intermap will create a custom elevation model specifically tailored to meet your needs. LiDAR data offers amazing accuracy but is expensive. There is less costly data that can be used for regions where LiDAR's accuracy is not required. Intermap will seamlessly merge data to create the ideal end product for you.

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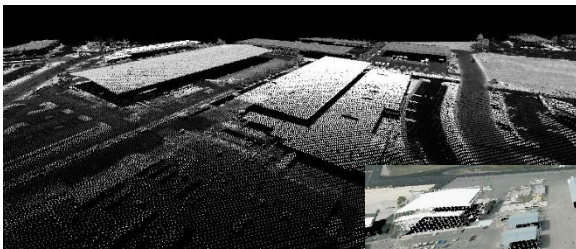
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or call +1 (303) 708-0955  
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Intermap Technologies® is an industry leader serving a diverse geospatial marketplace. We provide highly accurate geospatial information to help commercial enterprises and government agencies make better location-based decisions.

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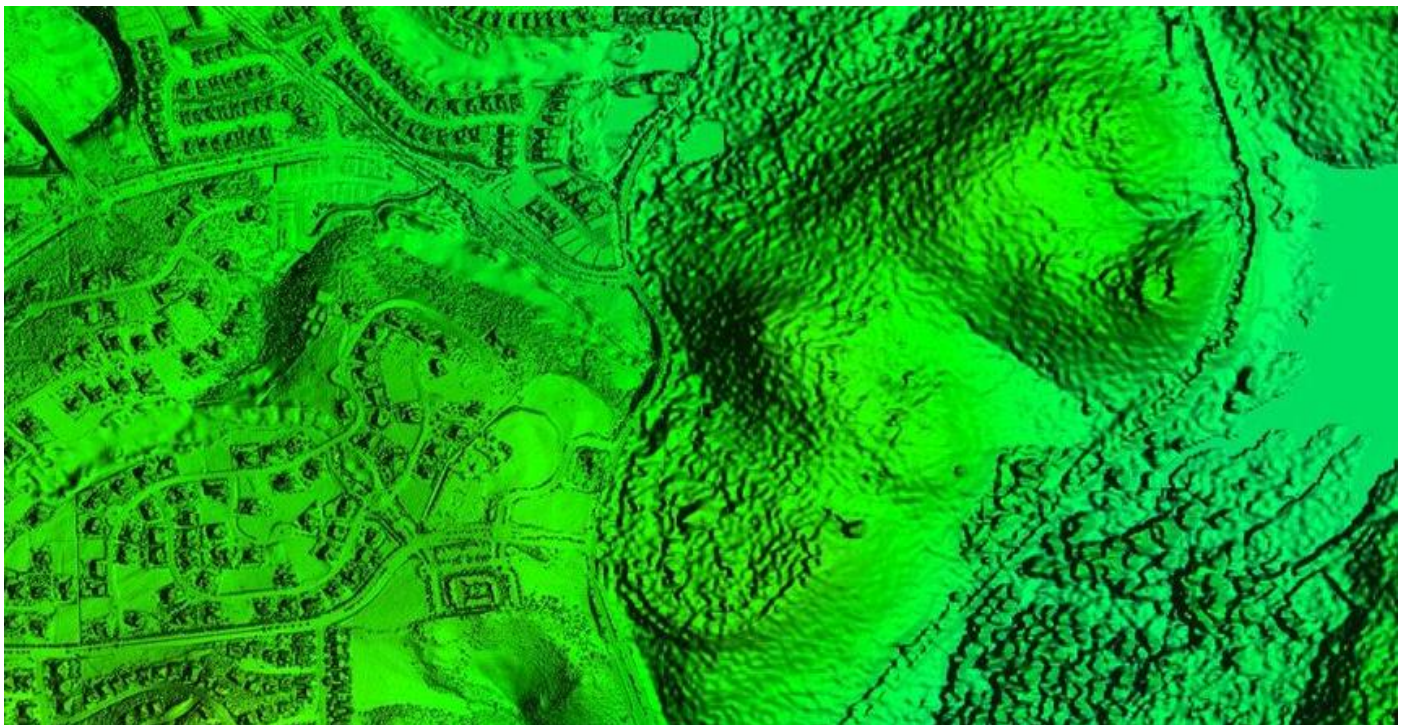


*LiDAR Point Cloud  
colored by intensity  
of return (left)*



*LiDAR Point Cloud  
colored by satellite  
imagery (right)*

*Fusion: LiDAR 1m posts in the  
urban region with Radar 5m posts  
in the hills and forest (below)*



Have a project or application? Intermap's LiDAR experts are here to help. Contact Intermap today for more information!