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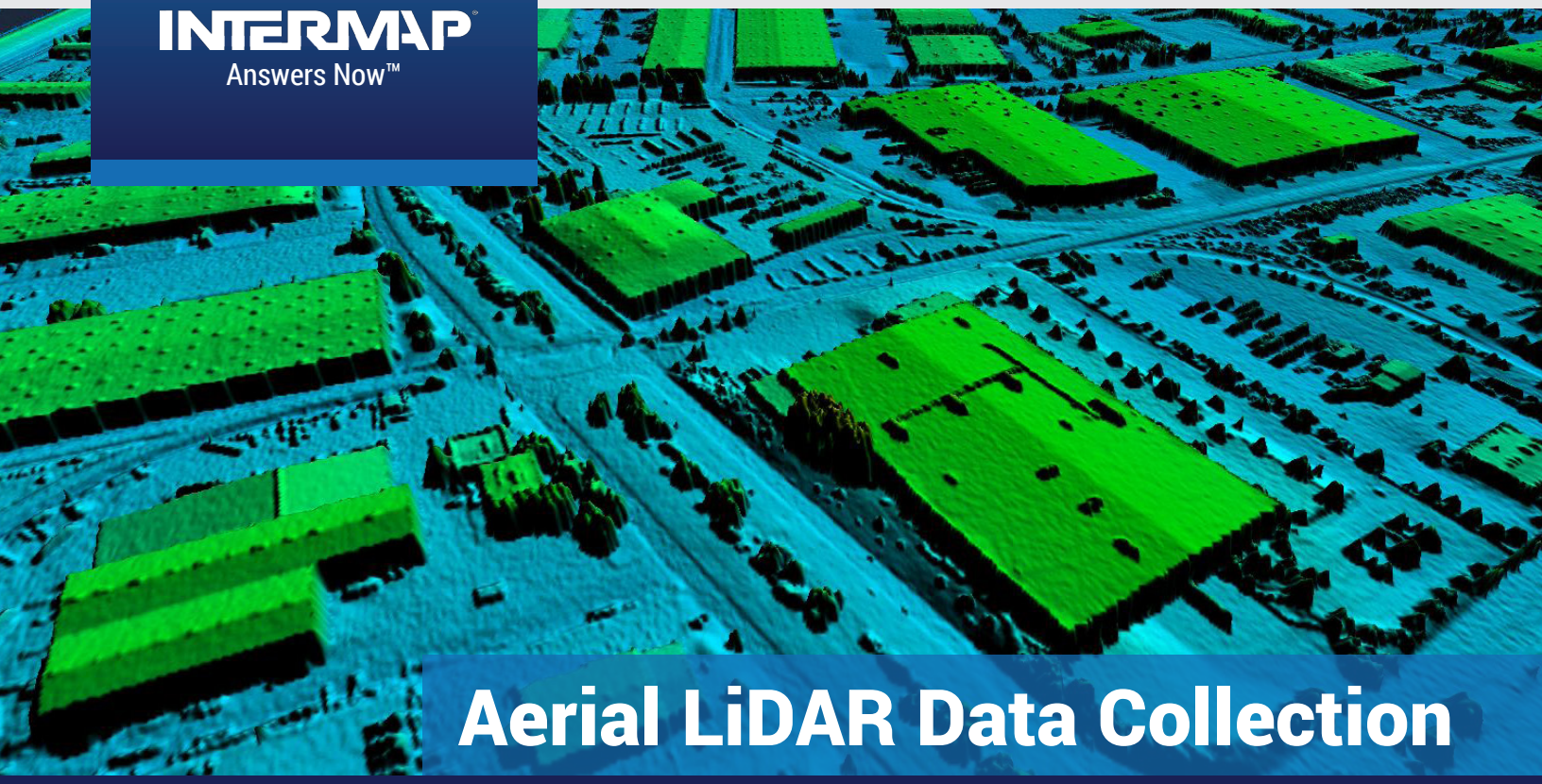

Aerial LiDAR Data Collection

High Accuracy Data Collection

LiDAR is a proven technology for collecting very high accuracy elevation data. Intermap Technologies® provides custom aerial LiDAR data collection, processing, and solutions. Intermap's experience processing and delivering large volumes of data in a timely manner sets us apart from the competition.

Key Benefits and Features

High Accuracy
LiDAR systems collect unprecedented accuracy of 3D measurements at high resolution.

Multiple Returns
LiDAR can penetrate through sparse foliage and narrow obstructions in order to provide points on the surface of features as well as on the ground below.

Hybrid Data Sets
Intermap can seamlessly fuse multiple data sets, to optimally balance accuracies and costs.

Flexibility
A wide range of sensors and platforms allows us to select a base and schedule operations to suit your needs.

LiDAR Technology

LiDAR systems emit pulses of light, and based on the time it takes for the light to reach a target and bounce back to the sensor, a distance can be found. Based on the position and orientation of the LiDAR, a 3D Point in space is determined. LiDAR systems emit thousands of points per second, resulting in a dense point cloud of returns.

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 data set you for.

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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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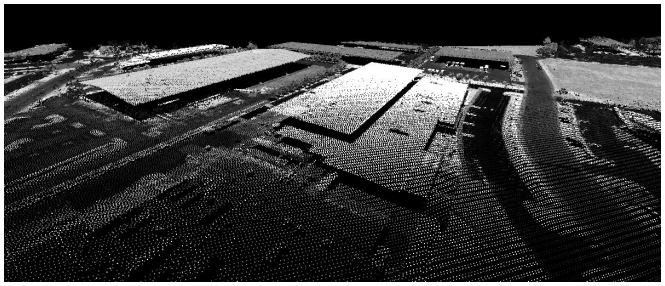
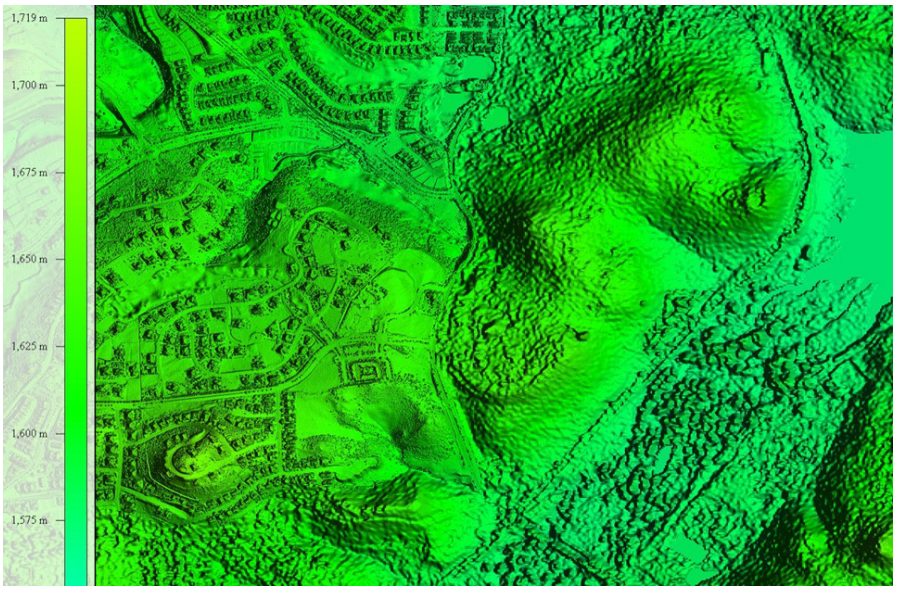


LiDAR Point Cloud colourized by intensity of return

LiDAR Point Cloud colourized by airborne/satellite imagery



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