



RAIL SOLUTIONS

**ACQUIRE
ANALYZE
ANSWER**

NV5G EDGE

NV5 Geospatial is the trusted partner for major utilities, infrastructure developers, and asset owners that want to map, model, and better manage their business.

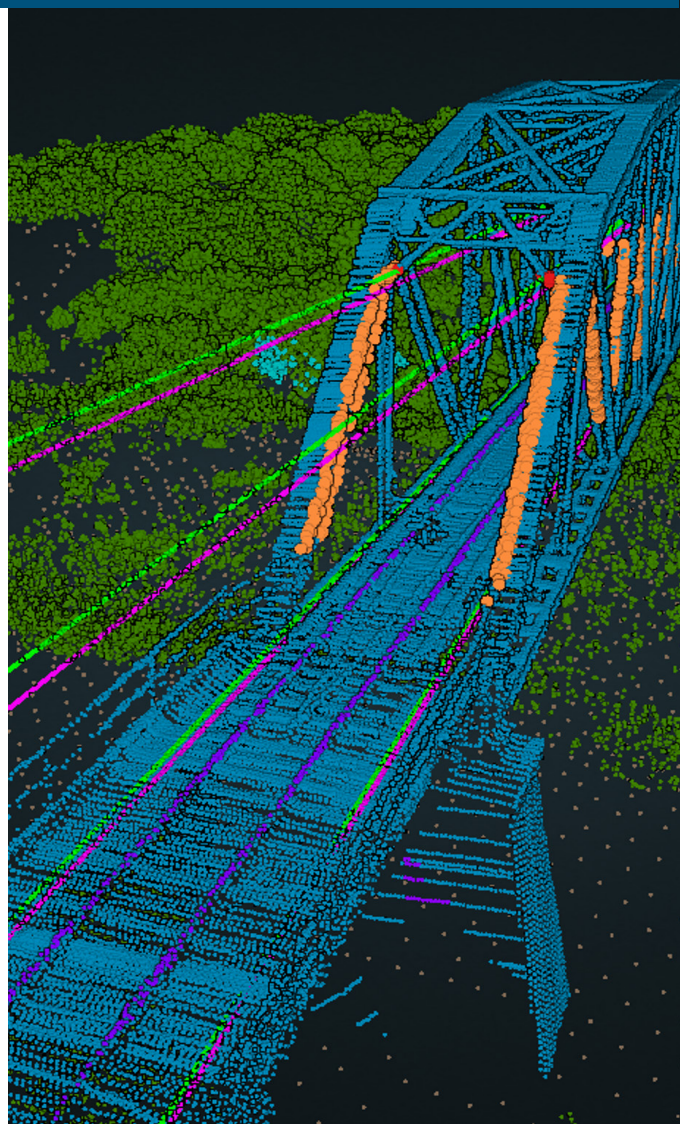
NV5 Geospatial

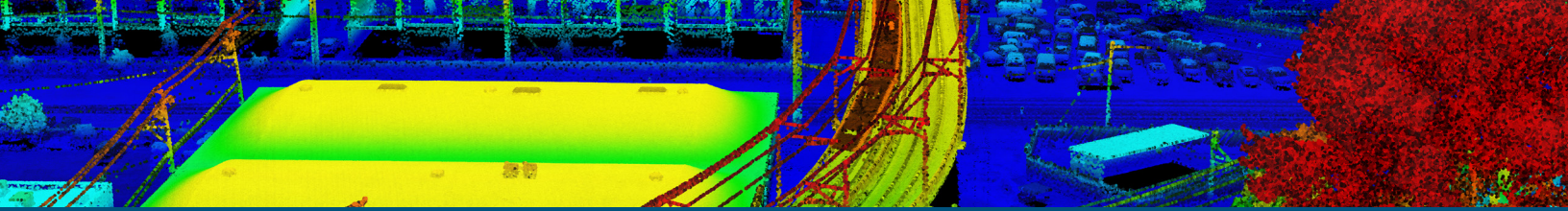
NV5 Geospatial is a full-service remote sensing firm specializing in data generation, integration, and analysis for clients worldwide. Our end-to-end services deliver insights that advance business goals.

We bring over nine decades of collective maturity in conducting aerial surveys and providing geospatial point and pixel data. NV5 Geospatial invests heavily in R&D to ensure we are always delivering the best possible solution for a wide range of customers. Our teams are right-sized to deliver results rapidly while keeping costs controlled.

We collect state-of-the-art topographic lidar, bathymetric lidar, orthoimagery, hyperspectral imagery, thermal imagery, oblique imagery, and oblique video; as well as provide comprehensive mapping, modeling, and geospatial-derived solutions for business intelligence.

Our client base includes a host of energy utilities; oil and gas companies; renewable energy companies, local, county, state, regional, and federal agencies; and many of the top engineering and industrial firms in North America. unique geospatial needs.





ACQUIRE ANALYZE ANSWER

CREATE VALUE FROM YOUR RAILROAD DATA

COLLECT HIGH QUALITY DATA

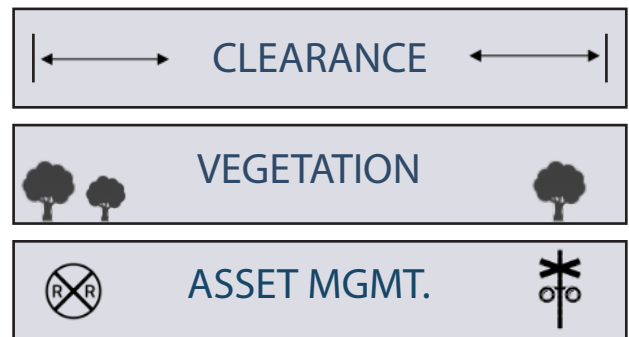
Acquire system-wide data with airborne LIDAR and imagery. Since collection occurs in the air, no down track time is required.

Railroad acquired data can also be ingested into NV5G's analysis and delivery tools



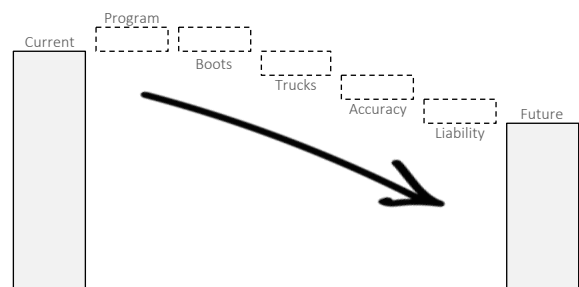
SHARE WITH THE ORGANIZATION

Break down siloes and seamlessly share a single source of truth across multiple departments with a cloud-based platform that enables desktop inspections, compliance assurance, and visualizations.



REDUCE COSTS

Improve operational and safety performance, reduce risks and liability, efficiently deliver work, enhanced regulatory compliance capabilities.



ENABLE SALES

Accelerate sales with more efficient customer service, answering questions and verifying clearances expeditiously from the safety of the desktop.



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NV5 Geospatial INSITE PLATFORM

DATA ON DEMAND

INSITE makes your geospatial assets accessible from any web browser or compatible mobile device. GIS data, lidar point clouds, and high-resolution imagery are no longer locked in hard drives or desktop applications. Stakeholders can view massive 2D maps and 3D models in intuitive web applications. Engineers can securely download data for use in CAD or GIS. With our powerful tools, you can search a map to discover all the spatial data in a project area, and export only what you need.

ASSETS IN CONTEXT

INSITE logically sorts and relates datasets so you can always find the information you need to inform decisions. Jump seamlessly from a 2D map to the same location in your 3D point cloud. View photos, documents, and other multimedia related to your assets. Navigate between related features or drill down from pivot table reports all the way to a single point on your map. Search millions of records to find the exact measurement or analysis you need.

BIG DATA

INSITE can search up to 3m objects in a single feature class without significant performance degradation. The cloud-based architecture means scaling to your business needs are a click away. Tools like the tessellator API enables lightning quick load times not found in other GIS platforms. INSITE gets teams up and running with geospatial data in days, not months. A cloud-first approach means you can start your transformation today with a free, 60-day trial.

