

PRODUCT OVERVIEW

GT AIMS 3D

GT AIMS 3D is an innovative solution that allows you to rapidly and cost-effectively capture a comprehensive 3D view of your network. Merging panoramic imagery and LiDAR sensors, AIMS 3D efficiently maps, measures, documents and records networks without the need for traditional, time consuming survey methods.

Once captured, the 3D imagery can be accessed via a standard browser-based web application so everyone in your organisation can quickly and easily access the information they need.

AIMS 3D FIELD CAPTURE SYSTEM

- High-resolution cameras provide detailed 360-degree panoramic imagery.
- Survey accurate GPS and IMU sensors deliver exact positioning and alignment data.
- Engineering quality LiDAR enables accurate mapping and measurement.

AIMS 3D WEB VIEWER

- View panoramic images and LiDAR point cloud data in standard web browsers without any plug-ins.
- Access legacy earthmine and the latest AIMS 3D imagery in a single interface.
- Measure asset locations and offsets.
- Visualise and update GIS data.
- View changes over time with chronological data mapping and measurement.
- Supports visualisation alongside your linear reference data.



BENEFIT

- **Fast.** AIMS 3D can be mounted on road or rail vehicles for rapid image and LiDAR capturing.
- **Safe.** Conduct mapping from the safety of your office.
- **Simple.** Anyone in your organization can easily access information via the browser-based web viewer.
- **Tailored.** Sensor configurations are customisable to align with your individual business needs.
- **Integrated.** AIMS 3D imagery can be easily embedded in to any web based application without the need for programming, or can be fully integrated into third-party products via the AIMS 3D API.
- **Cost-effective.** Cheaper than traditional survey methods, AIMS 3D also lets you re-use imagery for ad-hoc network reviews and reduces the need for additional field visits.
- **Rapid processing.** The AIMS 3D processing platform lets you view imagery and extract value soon after capturing.
- **Cohesive.** AIMS 3D Field Capture System works alongside complementary GT solutions (such as AIMS Analyser and AIMS Clearance) for a complete surveying solution.

CONTACTS

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