

Subsurface Transforms Utility Mapping with Geolantis.360



A Brief Overview

Subsurface Mapping Solutions is a specialised company operating within the subsurface utility detection and mapping industry. They focus on accurately identifying and mapping underground utilities, providing essential data that helps prevent damage during construction and excavation projects.

Their expertise ensures that clients can safely navigate the complexities of subsurface infrastructure, minimising risks and improving project outcomes. They utilise advanced technology and methods to deliver precise and reliable utility mapping services across various sectors, including construction, engineering, and urban development.

Implementation Process

With the support of C.R. Kennedy, Geolantis.360 was provisioned and configured with minimal disruption to the company's day-to-day operations. Andrew Watson noted that his team quickly adapted to the platform due to its intuitive user interface and the comprehensive training and support provided by the Geolantis team.

The Challenge

Subsurface Mapping Solutions faced some operational challenges:



Manual Data Handling

Data collected in the field was manually transferred between systems, increasing the risk of errors and data loss.



Data Accuracy and Accessibility

As a mapping company, ensuring that the data collected and stored was accurate and easily accessible to the team and to customers was a major pain point.



Complex and Fragmented Processes

The company relied on a variety of software tools to manage utility mapping projects. These tools often did not integrate well, leading to a fragmented data storage and management.



Customer Deliverables and Reporting

For each customer project, the data deliverable, photos and associated documentation was compiled from first principles and required many hours of work to complete for billing.



The overall user experience with Geolantis.360 has been very positive for our team. The platform has proven to be intuitive and user-friendly, which has made the transition smoother and more effective.

Andrew Watson
Subsurface Mapping Solutions Director



Geolantis.360 Solution

Consolidation of Tools: Geolantis.360 replaced multiple fragmented tools with a single, integrated platform that allowed for seamless management of mapping projects from start to finish.

Real-Time Data Collection and Transfer: Field data was collected in real time and automatically updated within the system, reducing manual data entry and the associated risk of errors.

Standard and Customisable Reporting: Projects could be easily presented in professional reports which incorporate all collected data, attribution and photos.

Enhanced Collaboration Features: The platform's team collaboration features ensured that field workers, office staff, and project managers could access the same data and updates instantaneously.

Mobile and Cloud Access: The system provided mobile access to data and project details, allowing field teams to update and retrieve information on-site, further increasing efficiency.

Looking Forward: Subsurface + Geolantis.360

Outcomes and Results

Streamlined Workflows

Automation of previously manual tasks has led to a **30% reduction in time spent on administrative duties**, allowing their team to focus more on core activities, which generate revenue.

Faster Project Turnaround

With real-time data access and improved coordination, **project timelines have decreased by approximately 10%**, enabling them to take on more projects without compromising quality.

Basic Functionality

Locators are not surveyors however, with Geolantis.360 **they can now deliver highly accurate georeferenced data without months of training.**

