

Digital workflow for the locating industry



SA Cable and Pipe Locating, a utility locating company specialised in the precise location of underground cables and pipes for a wide range of clients, including construction firms, earth moving contractors, schools, farms and private homeowners.

A Brief Overview

SA Cable and Pipe Locating, established about eight years ago, is a South Australian owned and operated company based in the Adelaide Hills.

Leveraging the latest in non-invasive detecting technology, the company ensures that all specialised underground locating needs are met with speed, reliability, and efficiency.

Their comprehensive utility locating services cover the Adelaide, Adelaide Hills, and Fleurieu Peninsula regions. They accurately identify the type, location, and depth of utility cables and pipes, providing their clients with the crucial information they need to proceed with excavation safely and confidently.

Objectives

SA Cable and Pipe Locating aimed to provide accurate utility locating services with a strong emphasis on detailed mapping, particularly to benefit industries such as education and agriculture.

Goals

Upon starting the company, two primary goals were identified:

- 1 Integrating Ground Penetrating Radar (GPR) technology.
- 2 Implementing comprehensive mapping for all located utilities.

Approach

Upon starting the company, two primary factors were identified:

Strategy

The company adopted Geolantis360 to meet their mapping needs from the very beginning.

Implementation

Geolantis360 was used to conduct locating and mapping tasks for clients like schools and large regional farms. The software allowed for the seamless export of data in various formats (including DWG, CSV, PDF Plan), making it easy to share with construction and surveying teams.



The biggest benefit of using Geolantis360 are the deliverables. Once we've finished in the field and go back to the office the data is all there. We can export it to DWG, CSV, PDF Plan... and send it to the customer. They can then pass it onto their construction guy and survey guys and they can run it through AutoCad and it's all there for them. The deliverables are unreal.

Chris Chassiotis

SA Cable & Pipe Locating Owner



Geolantis360 Solution

Outcomes

The implementation of Geolantis360 resulted in highly efficient data deliverables, allowing clients to have all necessary information for future projects at their fingertips. This allows for easy sharing of data with the clients' builders, surveyors, and other contractors.

The capability to precisely measure paddock sizes, irrigation runs, and the exact meters of pipe or cable required has proven invaluable. This feature significantly enhances clients' ability to plan and execute their projects with greater accuracy and efficiency.

The ability to quickly export and share data in multiple formats was highlighted as a key benefit, ensuring that clients could integrate the mapping information into their workflows without hassle.

Conclusion



Lessons Learned

The integration of Geolantis360 proved crucial in offering comprehensive and accurate mapping services, significantly improving the deliverability of essential data to clients.



Future Steps

Continuing to leverage Geolantis360 to expand their services, potentially exploring further advancements in mapping technologies to enhance their offerings.

