

3-GIS

Modernizing network management for enhanced reliability

Introduction



Tbaytel, a municipally owned telecommunications company, is the largest independently owned telecommunications provider in Canada. Operating in Thunder Bay, Ontario since 1902, Tbaytel is committed to delivering reliable telecommunications services to their community and surrounding areas.

Problem

While they had completed most of their copper to fiber conversion, a lack of integrated workflows meant redundant data entry and limited visibility across their expanding network. Managing a complex fiber network with outdated tools presented substantial obstacles for Tbaytel.

Challenge

Tbaytel's disconnected systems and aging infrastructure presented numerous operational challenges. Using Ericsson Network Engineer (ENE) in a very limited capacity—primarily to post as-built information—while separately managing their network through CAD systems created a fragmented approach that resulted in reduced operational stability and extended downtimes that impacted important projects.

Why 3-GIS

- ENE expertise and migration experience
- System configurability
- Integration capabilities
- Network visibility
- Better utilization management

CUSTOMER SPOTLIGHT | TBAYTEL

Solution

Tbaytel implemented 3-GIS | Web, 3-GIS | Admin, and 3-GIS | Mobile for their on-premises deployment. The most critical deliverable though: the data migration from ENE to 3-GIS. This transition provides Tbaytel with comprehensive network visibility and enables better management of their fiber infrastructure. By implementing 3-GIS | Network Solutions, Tbaytel is positioned to:

- Maximize network investment returns through enhanced visibility
- Reduce operational risks by transitioning from end-of-life tools
- Streamline workflows and eliminate double data entry
- Improve system stability and reliability for critical projects
- Support network capacity planning and utilization management
- Establish a foundation for future integration opportunities
- Support their ongoing GIS transformation with configurable solutions

This transition provides Tbaytel with the stability and modern infrastructure needed to support their copper-to-fiber conversion while enabling more efficient network operations across their coverage map.

About 3-GIS

3-GIS gives telecom and utility companies the visibility and confidence to build increasingly complex networks and operate them efficiently. Our data-driven approach combines geospatial reference, rules-based calculations, mobility, and web-based services to unlock the full market potential of network assets.

Fully configurable and purpose-built for telecom and utility operations, our solutions plan, design, and manage networks, deliver real-time data enterprise-wide, and automate service activation in one seamless system. Teams make better decisions, reduce costs, and move faster. Development, design services, product support, and operational staff in five countries challenge the status quo.