MILLENNIUM®

PLANNING   FUNDING   MATERIALS   EQUIPMENT

RELIABILITY. EVERY NETWORK DEMANDS IT.

Millennium Geospatial engineers work with you to develop and deploy reliable broadband networks. Leverage scalable solutions backed by industry leading expertise. Secure mapping & analytics to quickly build your future-proofed network.

Geospatial Engineering Services

Stay at the forefront of FTTX network planning, design, and implementation with an early and accurate picture of your network project's ROI. Studies include:

- High-Level Design (HLD) - capture your overall network architecture
- Low-Level Design (LLD) - collect technical specifications for network construction
- Cost Estimates/Revenue Streams
- Step-by-Step Implementation Plan
- Financial Impact Summary

PERMITTING

Get help beyond design and engineering to streamline fiber network construction, including obtaining and tracking right-of-way permits.

- Municipality, County, and State
- Railroad Crossings
- DNR, Army Corps of Engineers
- River Crossings

EXPERTISE IN FUTURE-READY FIBER ARCHITECTURES

Diagrams reduce fiber splicing complexity with comprehensive splicing requirements for improved network construction.

Data Services ▶
For Engineers

DATA SERVICES

- Curation: assessing and delivering best quality data sources
- Creation: adding to existing datasets
- Cleanup: attributes or geometry evaluation and correction to new standards
- Discovery: analysis for patterns within a given dataset
- Enrichment: add attributes to an existing dataset
- Visualization: maps, dashboards or web apps to better convey geographically-enabled data

DATA CONVERSION

Convert existing network data from one system into another. For example, KMZ/KML, Shapefiles, AutoCAD/DWG files, PDF and then conversion into or out of: Vetro, MapitRight, M4 or Schneider's ArcFM

GIS DEVELOPMENT

Create workflows, python scripts and templates within ArcGIS to make use of Esri products easier.
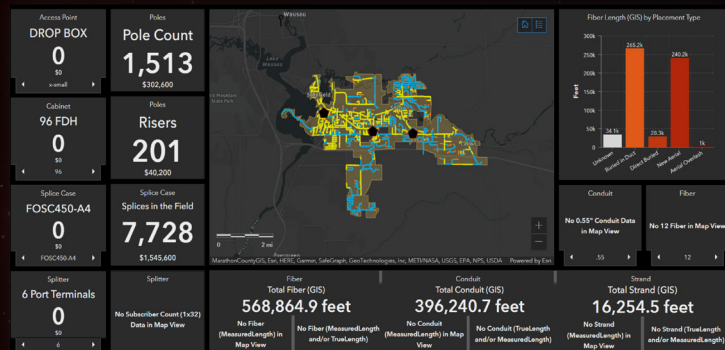
ARCGIS TRAINING

Learn how to use Esri ArcGIS products to manage and analyze telecommunications data. We offer onsite, online, or can host trainings.

ARCGIS TELECOM MANAGEMENT SOLUTION DEPLOYMENT

MGS and ROK technologies partner to stand up new client ArcGIS environments. From the initial administration to the final enterprise solution configuration, we'll have you converted and fully trained for handoff.

Predeveloped ▶
Dashboards

A geospatial platform that allows you to map and analyze your data without taking on the full costs of hiring a GIS department. You'll get free access to engineering process dashboards and can purchase add-on project management dashboards that cover the entire network buildout and maintenance processes to streamline project tracking.

MILLENNIUM®

YOUR BROADBAND NETWORK SOLUTIONS PARTNER

Geospatial | Infrastructure Fund | Materials | Rentals & Leasing