



Complete web-based solution



A to Z tracing of signal path



Single GIS database

Where all your fiber network information comes together

Your network is your most valuable asset. That is why 3-GIS developed a solution that takes the complexity out of fiber network management while giving you the results you need to model an evolving network infrastructure. Our simple and smart approach to fiber management means that your work processes can keep your network information accurate and up-to-date over time, so you can count on it when you need it.



What you can do with 3-GIS | Web

With 3-GIS Web, understand where network assets are located and the way in which those assets interact to bring service to the end customer. By modeling the light path, 3-GIS | Web provides users with a streamlined view of their network utilization and availability, supports faster outage restoration, and facilitates inter-organizational collaboration.

About 3-GIS | Web

3-GIS | Web is the world's leading web-based GIS fiber network management software. The system combines full-editing GIS, light path tracing, project tracking, single click constructible work packets, strand-level asset status, and browser access in one seamless system to deliver value at every stage in the life-of-network. Utilizing ArcGIS Server, 3-GIS Web requires no local installation. The web-based architecture connects designers, field crews, project management staff, and other stakeholders across an entire enterprise, with accurate real-time information about the network.

Key features

- > Model every fiber and port
- > Track construction progress
- > Generate constructible documents
- > Document contracts data
- > Tailorable to workflow
- > Share Reporting
- > Attribute features to fit business needs
- > Design new laterals
- > Locate dark fiber
- > Drag and drop data import
- > Model duct connectivity
- > Record and trace signal wavelengths
- > Generate splice reports
- > Integrate panoramic map
- > Trace location of an outage
- > Manage multiple networks in one environment
- > Find new signal paths
- > Create work orders for field crews
- > View point-specific connection history
- > In-application assistance
- > Easily audit existing network data
- > Create detailed representations of network assets
- > Design descriptive diagrams of structures

Service security and compliance

Confidentiality and availability of our customers' information are critical to their success. In order to support requirements for security groups (virtual firewall) advanced encryption, subnets, IAM, VPC (including ingress and egress controls), 3-GIS is hosted by Amazon Web Services (AWS). AWS is aligned and compliant with most industry and some government regulations and standards including ISO/IEC 27001/2. We utilize relevant standards as we configure our solutions in the AWS cloud infrastructure. AWS offers secure solutions for highly sensitive data such as government agencies and departments as well as private firms.

About us

Since 2006, 3-GIS has been empowering the telecom industry to achieve better operating efficiencies and to meet the challenges of building increasingly complex fiber networks. 3-GIS is pioneering a data driven approach based on geospatial reference, rules-based calculations, mobility, and web-based services that is revolutionizing the potential to realize market opportunities of fiber assets. Our fully-configurable solutions allow users to plan, design, and manage networks; provide real-time data that is used enterprise-wide; and enable automation for faster service activation, in one seamless system. The company is headquartered in Decatur, Alabama USA where we have development, design services, product support, and operational staff challenging the status quo every day to improve the economic visibility of fiber networks; creating a more connected, informed, and lighted world.



Contact us for a full demo and learn how 3-GIS can benefit your organization.

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3-GIS is a global leader in delivering fiber management solutions for modern networks. The company's technology is used to manage over 23 million miles of fiber networks and has been used to design over 4 million FTTH installations. Backed by world-class professional services and customer support, 3-GIS delivers the solutions that enables more accurate and faster response to fiber network deployment and management.