3-GIS | Web
BY SSP INNOVATIONS
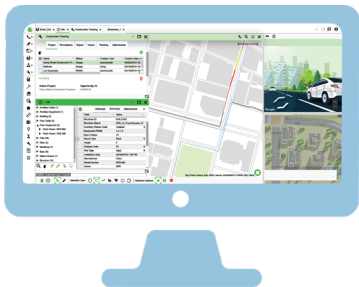
Complete web-based solution	A to Z tracing of signal path	Single GIS database

Where all your fiber network information comes together

3-GIS | Web takes the complexity out of fiber network management while giving you the results needed to model your evolving network infrastructure. Our simple and smart approach to fiber management enables your work processes to keep network information accurate, secure, and up-to-date, 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. Document every aspect of your network from your copper backbone to the multiple wavelengths traversing each fiber strand to boost your network operations. Model the signal path to gain a streamlined view of network utilization and availability, support faster outage restoration, and facilitate interorganizational 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, signal tracing, project tracking, single-click constructible work packets, strand-level asset status, feature specific attribution, and browser access in one seamless system to deliver value at every stage in the life of the network. Utilizing ArcGIS Enterprise, 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 messaging and data.

Key features

- Model every fiber and port
- Model duct connectivity
- Record and trace signal wavelengths
- Generate splice and equipment reports
- Document contracts and vital activities
- Integrate panoramic map views
- Trace and record the location of an outage
- Report to the enterprise
- Create, manage, and assign work orders
- Design new laterals
- Drag and drop data for import
- Tie into enterprise APIs

- Place assets using templates and material lists
- Manage copper and fiber networks together
- Locate dark fiber and find new signal paths
- Export permitting and construction packets
- Access in-app assistance
- View connection history at the splice
- Audit existing network data
- Design descriptive diagrams
- Generate dynamic building elevation views
- Model equipment with multiple components
- Send messages to other users in real time
- Calculate and restrict duct usage

Service security and compliance

In order to support requirements for security groups (virtual firewall) advanced encryption, subnets, IAM, VPC (including ingress and egress controls), 3-GIS Live is hosted by Amazon Web Services (AWS). AWS is aligned and compliant with applicable 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

3-GIS, an SSP Innovations company, empowers companies to achieve better operating efficiencies and to meet the challenges of building increasingly complex fiber networks. 3-GIS uses a data driven approach based on geospatial reference, rules-based calculations, mobility, and web-based services to revolutionize the potential and realize the 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 has development, design services, product support, and operational staff in five countries 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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