

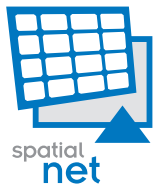
Solutions Brief

Manage the Entire Communications Network Inventory in a Single, Integrated System

SPATIALinfo's fully integrated spatialSUITE® portfolio provides enterprise-wide access to timely, accurate, comprehensive network information for a wide range of communications service providers. A flexible network information model at spatialSUITE's core tracks all network information—including physical location, specifications, attributes, connectivity, and capacity—for every inside-plant and outside-plant asset and delivers data across the enterprise to support provisioning, planning & design, construction, fault and event management, work order management, customer service, marketing, and other critical business functions.

Integrated enterprise software helping communications service providers manage network inventories and meet growing demands to deliver greater speed and bandwidth

The spatialSUITE portfolio maintains all inventory data in a single enterprise repository, eliminating duplicate data entry and management and allowing up-to-date recording and reporting of network-asset data from across the communications service provider's enterprise. The fully integrated spatialSUITE portfolio includes:



Core design, engineering, and asset management application, providing complete modeling, inventory, and documentation capabilities for the classes of equipment found in all communications networks.



Server solution that merges engineering data, billing information, and business intelligence data into a single master address repository to ensure accuracy and consistency in address reporting.



Convenient web mapping application that uses standard browser technology to deliver network asset information quickly, easily, and cost-effectively to operational users across the communications enterprise.



CAD transformation tool that efficiently migrates CAD data into SPATIALinfo's central repository and provides an automated process for maintaining network and landbase data from disparate CAD sources.



Enterprise mobile application designed for workers who spend their time in the field constructing, installing and maintaining communications networks.

spatialNET® helps users design fiber, coax, and twisted-pair networks in a familiar, CAD-based platform that includes:

- End-to-end management of outside and inside plant facilities
- Complete support for multiple technologies including FTTx, PON, Coax, HFC, and twisted-pair configurations
- Business rules that preserve network integrity throughout the design and as-built processes
- Schematic views showing port-to-port device connectivity
- Job management that streamlines workflow and allows engineers to work simultaneously on the network without overwriting each other's changes

With support for the entire network asset lifecycle from planning and design to build-out, operation, and maintenance, SPATIALinfo's integrated software products and intelligent data model help communications service providers effectively manage their networks as they expand to meet business and residential customers' growing demands for greater speed and bandwidth.

spatialWEB® gives operational users access to critical infrastructure information, improving decision making and enhancing operational efficiency across the organization. Through a standard browser interface, spatialWEB offers:

- Rich map display and advanced search capabilities for finding network assets
- An easy-to-use interface allowing users of any skill level to view, search, and browse network asset data
- Built-in tools for redlining, splice markup, network tracing, OTDR, and outage location
- Residential and business service qualification capabilities for coax and fiber networks with detailed analysis of serviceability for existing and potential customers

spatialOFFLINE's® allows users to manage data in the field without a persistent network connection and upload changes back to the database when convenient. spatialOFFLINE brings critical network data to the field user with:

- Sophisticated map display technology designed specifically for mobile devices
- An easy-to-use interface helping users quickly find network data and view service details for associated addresses
- Fiber network tracing and fault analyses including accurate OTDR calculations that help diagnose problems and pinpoint outages
- Data redlining and splice markup through user-created field jobs, with network changes uploaded directly to the SPATIALinfo database
- Seamless data synchronization and management that automatically keeps data current and accurate and enables effective decision-making in the field

ADDRESSmanager™ provides a complete and accurate record of residential and commercial addresses across the enterprise, delivering:

- Up-to-date customer address locations for engineering, planning and design
- Precise commercial and residential serviceability determinations for merged addresses
- Standardized, USPS-compliant address files for improved accuracy of direct-mail marketing efforts

MAPupdater™ easily imports CAD data to the spatialSUITE central repository, making it available throughout the organization. MAPupdater's map management capabilities include:

- Regularly scheduled database imports, allowing companies to maintain existing CAD-based workflows while the spatialSUITE information model is populated with the latest updates
- Automatic checks for duplicate files and changed data, removal of duplicates, and reconciliation of changes before import into the database
- Coordinate projection conversion tools to register CAD data with modeled network data

