



Product Brief: spatialWEB

Empowers Users Across the Enterprise with Up-to-Date Network Asset Data

spatialWEB® is SPATIALinfo’s enterprise web mapping application that delivers network asset information quickly, easily, and cost-effectively across the communications service provider’s enterprise, in a real-world, geospatial format. By giving a wide range of users access to network data through standard web browser and interactive map technology, spatialWEB keeps network assets current, facilitates better decision-making, and improves operational efficiency for the entire organization.

Easily Update Network Inventory Data

Representatives from marketing, sales, customer service, network operations, planning, and operations support can quickly and easily qualify service availability, redline maps, mark up fiber splices, tag fibers, identify outages, or reserve space in an ISP rack. With spatialWEB’s easy-to-use browser interface, users of every skill level can take advantage of its powerful features almost immediately, with little or no training. And with the ability to update critical network infrastructure information, staff members across the organization can help to ensure the network inventory continually reflects a current, accurate state of configuration and capacity.

View and Maintain Network Inventory in a Familiar Web Browser Environment

spatialWEB’s robust mapping engine displays maps and schematic diagrams straight from the spatialSUITE network information model, allowing authorized users fast, secure access to current inventory data for mapping, analysis, and updates. Unlike generic map viewers that require extensive customization to access network data, spatialWEB’s built-in data-access features offer a highly functional, cost-effective way for users to search, retrieve, view, and update data with customizable views incorporating landbase, satellite, and aerial-photo maps. spatialWEB supports fiber, copper, HFC, and coax technologies, offering detailed views of both inside-plant and outside-plant data. With easy access and a familiar desktop environment, users throughout the organization productively view, analyze, and update spatially enabled network data without the need to request information from engineering staff.

Easy-to-use browser-based application for planning, analysis, redline & mark-up, service qualification, reporting, and other operational tasks

Key Benefits

Enhanced user productivity with mapping tools designed specifically for communications provider organizations.

Up-to-date asset inventory reflecting a current, accurate state of network configuration and capacity.

Positive customer-service experiences, with sales and marketing representatives empowered to answer inquiries immediately.

Immediate answers to serviceability questions and outage location issues.

Measurable ROI with fewer costly truck rolls required to qualify service addresses.

Quickly Find Any Network Asset

With spatialWEB's advanced meta-search tool, users quickly find any network asset, including subscriber addresses, fiber and cable assets, inside-plant and outside-plant equipment, master circuits and others. The Bing Maps road or aerial view layer lets spatialWEB users view assets in a real-world context and provides tools to identify a source of failure, detect environmental conditions affecting the network, and assess space necessary for new construction or repair work. spatialWEB's ability to deliver information immediately allows for timely responses to customer inquiries and network outages, improving customer satisfaction and lowering a company's mean time to repair (MTTR) metrics.

Trace Connectivity and Mark Up Data From a Standard Web Browser

With standard redline and splice markup tools built in, spatialWEB's familiar interface lets users redline maps, add fiber tags, mark up splices, or reserve ISP rack space, then capture the change in a spatialWEB "field" job. The system then delivers the job to an engineer or technician to complete the work and reconcile network changes with the central repository. Trace and outage location features allow the a user to input results from optical time domain reflectometer (OTDR) tests to determine exact locations of faults and other network problems. Fast, accurate updates and fault determinations enhance downstream operations and ultimately lower operational costs, improve MTTR, and enhance customer service experiences.

Qualify Service Availability For Prospective and Existing Customers

As the revenue centers for communications service providers, successful sales and marketing departments must quickly answer the question, "Can we provide service to this address?" spatialWEB's advanced service qualification analysis application provides immediate, detailed answers to this serviceability question for residential and business addresses. The easy-to-use serviceability tool performs calculations for both fiber and RF networks based on company-configured priority rules that allow searches based on user-defined boundaries, available services, business types, distances, and other selected criteria. spatialWEB's "street sheet" report allows for the analysis of multiple addresses within a service territory, while the "proximity to plant" report evaluates entire regions, enhancing planning for business and residential sales calls.

Experience the Benefits of spatialWEB

spatialWEB empowers key users from sales, marketing, customer service, network operations, and field maintenance with the ability to easily find, view, analyze, and update enterprise inventory information. With answers to critical network-related questions at their fingertips, spatialWEB users can quickly resolve issues, answer customer questions, provide better service, and plan effective network repairs and build-outs.

To find out more about how spatialWEB can improve decision making and operational efficiencies in your organization, visit www.spatialinfo.com/products or email products@spatialinfo.com.



spatialWEB® is part of the spatialSUITE line of communications products from SPATIALinfo Inc.