

# spatialPLANNER



## INTEGRATED NETWORK PLANNING FOR THE ENTERPRISE

Communication service providers are working to improve their network build process for residential and business services. A more efficient planning process is becoming a requirement to quickly assess investment options and move to design and construction phases as soon as possible. In addition, improved network planning can result in better asset utilization and lower network costs, which leads to higher return on investment (ROI) for services delivered via the new network.

However, tools for laying out proposed plans have to be easy-to-use and capture the necessary attributes for incorporating plans into the engineering system without having to redraft data. Easy access to address data, current network information, and the ability to introduce additional information such as environmental and demographic data is also critical for accurate decision making during the planning process. Simple ROI tools and the ability to compare plans accelerate the planning process and lead to more rapid approval of plans.

To meet these needs, Synchronoss offers spatialPLANNER, a browser-based network planning solution using the spatialSTORM SOA platform. spatialPLANNER provides planners and designers with the ability to simplify network planning tasks using service qualification, redline, and data analysis tools. spatialPLANNER includes ROI calculation tools to create the business case, and spatialPLANNER users can submit a plan directly to spatialNET as a JMS job for detailed design.

### Key Benefits

- › Reduced time-to-market for new network services
- › Maximized return on new network infrastructure
- › Optimized network utilization and performance
- › Minimized network downtime and lost revenue

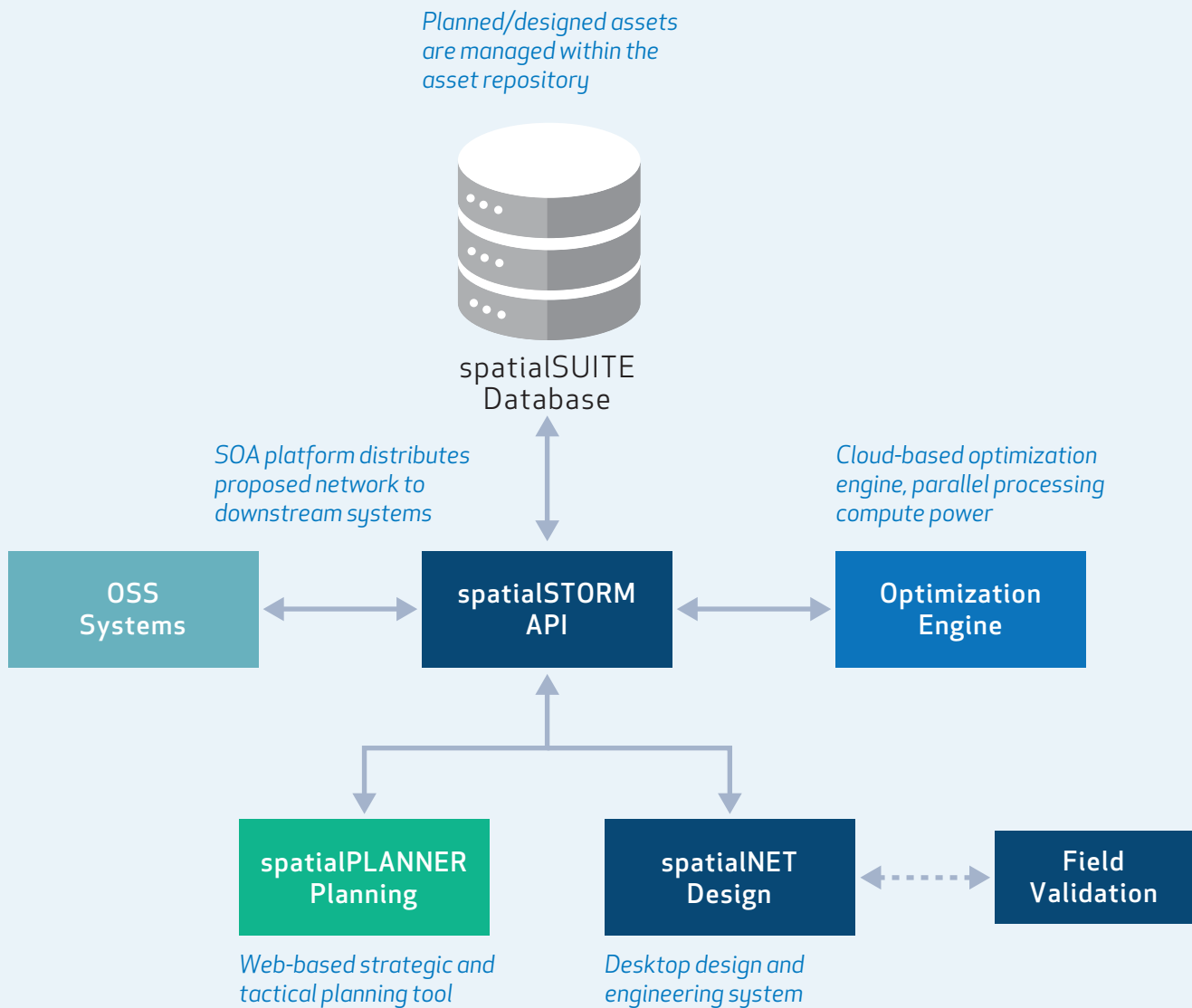
## EXTENSIBLE WEB-BASED PLATFORM

spatialPLANNER leverages an extensible browser-based platform consuming spatialSTORM web services, which provides a flexible, easy-to-install and easy to use system for planning that can be extended to meet any customer need. Data from a spatialSUITE database as well as additional GIS, business, and demographic data can be analyzed together in spatialPLANNER to facilitate planning decisions.

## KEY FEATURES

- › **Redline Tools:** spatialPLANNER provides easy-to-use planning tools to lay out new network and line extensions as redlines on a commercial base such as Google Maps
- › **Intuitive Map Interface:** Rich map and attribute display of complete networks assets, with an easy to understand interface for users of any skill level
- › **Planning Workflow:** spatialPLANNER walks users through the basic workflow of creating a plan, comparing alternatives, and submitting a successful plan to spatialNET for detailed design
- › **ROI Calculator:** In order to assess the value of a plan, spatialPLANNER includes a configurable calculator that determines the return on investment for a given plan
- › **Submit Plan:** Successful plans can be submitted directly as a spatialNET field job, which is queued for processing as a JMS job ready for detailed design
- › **Plan Archive & Retrieval:** Recall old plans that were not submitted in order to analyze the potential of multiple plans as a group

- > **Data Query & Analysis Tools:** As part of the discovery process, it is critical to manipulate different data sources. spatialPLANNER allows this type of analysis to be performed with simple to use query tools
- > **Reserve Fibers:** spatialPLANNER provides tools to reserve or “tag” existing network assets that will be required to activate a plan once it is constructed
- > **Reports:** spatialPLANNER has a configurable set of reports, including bill of materials (BOM) and plan archive reports



spatialPLANNER is part of the spatialSUITE portfolio of network asset management products available from Synchronoss. For more information on spatialPLANNER and the other broadband solutions available from Synchronoss, please visit our website at <http://www.synchronoss.com>.