

# SMALLWORLD SCHEMATICS GENERATOR™

Network Solutions

## FACT SHEET

The Smallworld Schematics Generator product transforms complex geographic networks into compact, simplified schematics to support fast, confident decision-making. With a simplified view of the network, companies can quickly determine critical information such as capacity requirements, load balances, routing, and component relationships from a single drawing to support network planning and maintenance activities.

### Powerful Layout Engine

With Smallworld Schematics Generator, users can create schematics of all or parts of their network and render them in a variety of layouts, including orthogonal, circular, hierarchical, and symmetrical. Nested layouts can be created to display visible network elements and the related internal view. Advanced white space management capabilities minimize network clutter for a highly legible schematic view. Two-way navigation allows users to identify the same object in both the geographic and schematic views and perform common view/edit operations.

### Managing Schematics

Schematics can be organized and saved for ongoing use. A dedicated version managed datastore provides a secure and versatile method for storing and managing published schematics. Users can search for stored schematics by name or category via an easy-to-use browser. Network monitoring functionality flags schematics that are out of synch with the current state of the geographic network. Users can generate updated schematics on-the-fly.

### Enterprise Access

Schematics produced with Smallworld Schematic Generator can be made available for enterprise access via Smallworld Core Spatial Technology™ or Smallworld Internet Application Server™. Smallworld Schematics Generator also includes tools for hard copy map book publishing and maintenance.

### Features

- Powerful layout engine
- Single-step generation process
- User-defined or inherited symbology
- White space management
- Data import from external sources
- Network monitoring
- Schematics manager
- Map book publishing
- Configurable user interface and extensive API

### Benefits

- Improved decision support for network expansion, performance monitoring, and emergency response
- Leverages existing GIS data and external data sets to support operational activities
- Eliminates costs associated with maintaining separate geographic maps and schematic drawings
- Advanced white space management minimizes network element clutter



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