

## Empower SectorPlanner™

**An easy-to-use sector drawing tool to aid in wireless network performance and capacity planning analysis.**

Empower SectorPlanner™ is a sector drawing and capacity planning tool for system performance and RF engineers. Fully integrated into the MapInfo Professional® mapping environment, SectorPlanner provides a visual and intuitive interface for network performance analysis, configuration planning, and reporting network capacity and trending.

Now any number of users in your organization can quickly and easily display, report, and map cell status for an entire market area. SectorPlanner takes the guesswork out of capacity planning, and provides features such as capacity plan archiving, system capacity and performance trending, and more — making this the perfect, cost-effective and easy-to-use complement to RF propagation and network planning tools.

Whether you display cell capacity status, balance loads among sectors, optimize the network or determine the best locations for next-generation cell sites, SectorPlanner gives you the power to make better, more informed decisions a part of your everyday operations.

### Visualization Features

- Draw sectors based on azimuth and beam width.
- Custom shade sectors based on any variable, such as erlangs, drops, blocks or other numeric data.



*SectorPlanner combines powerful features with ease-of-use and thematic mapping to display and analyze sector data.*

- Shade sectors to display up to three variables and control relative shading for each variable.
- Size sectors based on a variable such as signal strength or maximum capacity.

### **New!** Analysis Features

- Point and click to transfer load variables between sectors to create 'what-if' scenarios; for example, offloading capacity from one sector to another.

- Render sectors as map objects, so they have full capability in MapInfo for resizing, attaching data, and thematic mapping.
- Easily place and configure new sector locations.
- Link directly to system configuration and performance databases.
- Quickly plan and optimize drive test routes for new system designs and additions.
- Predict sector and network capacity using Linear and Weighted Trending capabilities based on historical network data.
- Tweak size, azimuth and beam width on a sector-by-sector basis.

### Productivity Features

- New!** Automatically label sectors in font, placement and style of your choice.
- New!** Save and recall theme templates for faster and more consistent visualization of data.
- Create legends to make maps more understandable.
- Quickly and conveniently display relative sector data through time-saving features such as session memory and default configuration.
- Track and report on all changes made to sector maps.

### SectorPlanner Benefits

- Save time, money, and resources through faster planning and visual analysis of critical system data.
- Intuitive interface and functions expand SectorPlanner's usage throughout your planning, operations and engineering organizations.
- Full integration with MapInfo Professional allows you to overlay your entire market on street maps, boundaries, demographics, and traffic count data; and provides access to all MapInfo features and capabilities.
- Create meaningful maps and presentations that can be shared during planning meetings or easily distributed across your intranet.

- Can be easily customized to accommodate your specific work processes and data environment.

### System Requirements

SectorPlanner has the following hardware and software requirements:

- MapInfo Professional Version 5.0 or later
- Pentium II Class CPU (300MHz or faster recommended)
- 64 MB RAM
- 2 MB of hard drive space for the initial installation

### Wireless and Telecommunications Expertise

Empower has years of expertise and domain knowledge in the telecommunications industry, both wireless and landline.

We have worked closely with some of the nation's leading telecommunications carriers to assess needs and design, develop, and implement custom solutions. Our solutions expertise includes Market Analysis, Network Planning, Performance Analysis, Buildout, Customer Problem Resolution, and Customer Care.

Empower OneCall™, our wireless one call resolution system for customer reported network problems, is used by large and small wireless carriers nationwide. With Empower OneCall, carriers are able to dramatically improve customer care and maximize network performance through superior applications integration and flexibility.

### For More Information

Call 1-888-627-7767

Visit [www.empower.com/sectorplanner](http://www.empower.com/sectorplanner)

