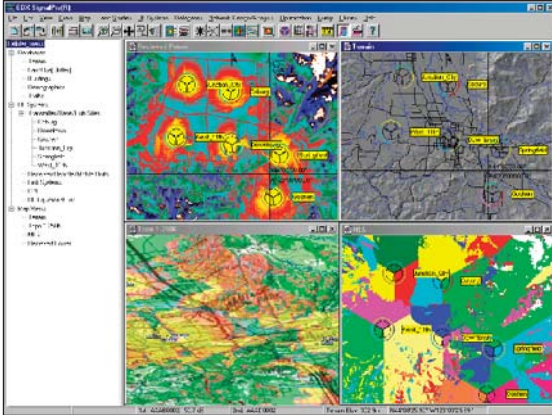


Link Rubber Band To Server

Link server lines show dynamic “rubber band” connections to 1st, 2nd, and 3rd most likely servers as you move the mouse around the map.

Mapping



Multiple map views with project directory tree

Multiple Map Display

Multiple map views show your project studies and GIS map data simultaneously. Multiple windows can be cascading or tiled. Views can also be saved as common image files such as KMZ, JPG, BMP, GIF, TIF and others. Windows® standard navigation commands give you intuitive control for panning, zooming and accessing right-click commands/menus.

Display Types

Whether you're displaying signal levels, terrain, demographic or traffic data you can select from several types of map views:

- composite grid with fixed color levels
- composite grid with color gradient
- composite contours
- composite grids draped over 3D terrain

3D Display

Impressive 3D displays include shaded terrain relief with illumination control, integrated 3D building and terrain displays, map images, and aerial/satellite photos draped onto terrain elevation. Also, Viewpoint Perspective is easy and quick.

Customizable Status Bar

A customizable status bar allows you to control the dynamic information you want to view interactively. It can include 1st, 2nd, and 3rd most likely servers, terrain elevation, building height, and land use (clutter) category.

Transmitter Map Icon Display

This useful display option shows cell range and directional antenna beam width for each transmitter sector.

Efficient Calculations

EDX tools support multithreading for multiprocessor PCs when using the physical propagation models, Anderson2D and TIREM. Multiprocessor gains are also utilized for creating area study grids. Further, you can easily recalculate and redisplay all project studies with a single mouse click. This feature is ideal for assessing the total impact of a changed system parameter on all aspects of the system analysis.

Utilities

Easy To Integrate With Other Mapping Tools

If you use Google™ Earth, MapInfo® or Arc View®, SIGNAL can automatically generate study results in a compatible format. Map views can also be exported as Geo-coded TAB/TIF files. Further, SIGNAL imports MIF/MID and ArcView® DBF/ SHP files as map layers, as well as exports study results in KML, KMZ, MIG, MID/MDF or SHP/DBF. Key attributes of the included equipment are accessible within Google Earth, and the user has control of equipment coloring and style.

Worldwide GIS Database

A worldwide GIS database is included for your ease of use. With this data, you can create relevant map views for anywhere in the world. It includes seven layers of telecom-specific map data. Get a quick overview of your study area with seven different layers of data.

Query Capabilities

Extensive abilities to query your project include query libraries accessible by other applications as well as the ability to right-click on any point to view multiple layers of propagation analysis and GIS information. You can also select entire areas for query analysis.

Utility Functions

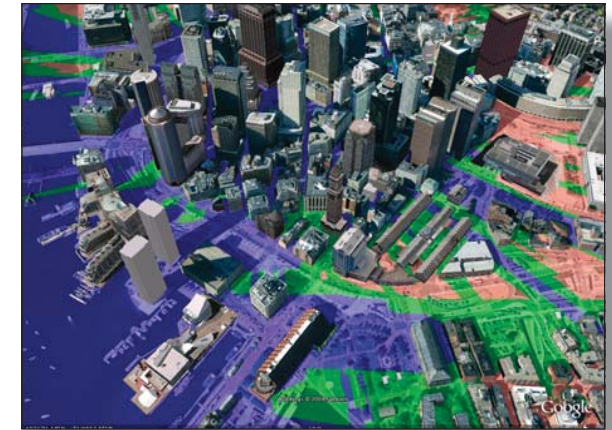
Utility functions are easily accessible for coordinate conversion, distance and bearing calculations, ERP calculations, inter-modulation calculations, and creating and plotting directional antenna patterns. Address matching to geographic coordinates is included (database required).

Modules

Make SIGNAL Even More Powerful

Enhance SIGNAL with specialized tools that add powerful functionality for design and optimization of your wireless network including:

- Microcell/Indoor Module which includes:
 - Ray-Tracing Propagation Models
 - Point Studies
 - RMS Delay Spread
 - Multi-Story Studies
 - Time and Spectrum Signature Displays
- EDX Building Editor – making it easy to manage building databases.



Received Power study displayed in 3D in Google Earth



EDX Wireless
PO Box 1547
Eugene, OR 97440-1547
USA

Tel: +1-541-345-0019
Fax: +1-541-345-8145
info@edx.com
www.edx.com