DATA SHEET

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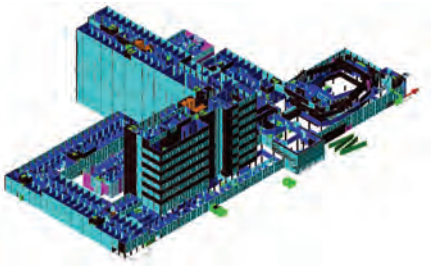
MOTOROLA
Motorola LANPlanner®



Bluesocket® Wireless LANPlanner®, powered by Motorola LANPlanner

Bluesocket® and Motorola® Partner To Simplify Complex Wireless Environments

Installing a robust and reliable wireless network begins with a good solid design. A poorly designed network will suffer from coverage holes, poor service areas, slow response, poor voice quality, dropped calls, and inadequate capacity. These challenges can be eliminated with an efficient design leveraging Bluesocket's Wireless LANPlanner software. Leveraging patented technology from Motorola LANPlanner, this powerful software application enables users to efficiently and effectively plan, track, display and document their wireless network infrastructure.

Quickly and easily create 2D/3D building models from CAD drawing files, scanned blueprints, or rapid sketching.

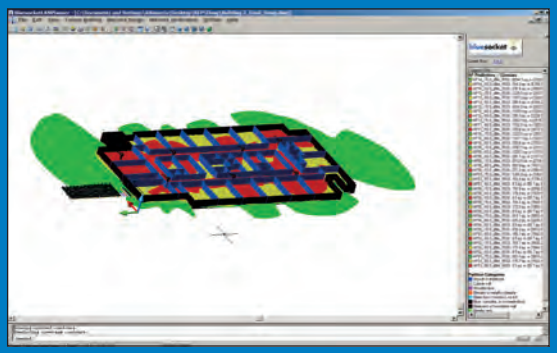
Take the Guesswork out of Wireless LAN Design

A variety of techniques have been employed for planning a wireless network, including a site survey, which typically involves deploying a team of engineers with specialized equipment, and taking measurements throughout the facility where the wireless system is proposed. Since this can be extremely disruptive, this process is typically performed after hours, often involves two or more engineers, access points, specialized RF measurement gear, and can require travel and expense costs to visit each site requiring the site survey. An alternative approach is to complete a computer based design, though in the past the products used to perform this function were primitive, unable to take into consideration the physical construction and RF attenuations of the environment, or what capacity was required, and often performed a very simplistic automated placement of access points based on the number of wireless users.

Motorola's wireless planning technology employs a predictive design approach which uniquely allows companies to consider the context of the environment and predict coverage and capacity before deploying any hardware resources. Motorola's software enables network planners to import a map of the facility, note the contents and construction materials, designate user regions and applications to be used and place equipment. The designer then interactively simulates how the wireless signals will propagate and fine-tunes the network design with "what if" analysis to determine optimum performance.

Leverage Motorola's RF Expertise

Motorola's products are backed by a team of recognized RF industry leaders, with patented technology based on almost a decade of research. By using Bluesocket's Wireless LANPlanner, you can deploy wireless access points and wireless sensor networks in the most complex environments and even design multi-band systems including IEEE 802.11a/b/g wireless standards without being an expert in RF technology.



Running "what if " scenarios to visualize WLAN coverage.

FEATURES AND BENEFITS

- Bluesocket Wireless LANPlanner is a revolutionary software package that enables you to efficiently design, model, and measure 802.11a, 802.11b, and 802.11g networks.
- Works in 2D and 3D, allowing users to understand cross-floor propagation implications with 3D visualizations of multi-floor facilities.
- Has specific definitions for Bluesocket's access points, sensors, and external antennas, understanding the exact specifications for transmit power, receive sensitivity, and antenna patterns.
- Network designs are highly accurate and can be fine tuned for any environment.
- Lets you logically define and model coverage and capacity requirements to confidently design the network to your exact specifications.
- Users can define exactly what areas within a facility require wireless coverage, and can easily exclude areas from the plan, such as elevator shafts.
- WLAN designs can be performed through manual placement, or through automatic placement, based on coverage area, number of users, minimum data throughput, and computing habits.
- Vital information such as RSSI (Received Signal Strength Indicator), SIR (Signal to Interference Ratio), SNR (Signal to Noise Ratio), throughput and bit-error rate are displayed graphically, and can be exported into BMP format for inclusion into work orders and reports.

Secure Mobility® Solutions

bluesocket®
The leader in secure mobility® solutions

For more information, visit our Website at **www.bluesocket.com**

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Bluesocket's Wireless LANPlanner minimizes design and deployment costs and includes the following features:

- Site-specific 3D models that visualize the physical location and configuration of all installed network equipment
- Automated placement and configuration of access points
- Highly accurate coverage and capacity predictions

Design and Simulation

Bluesocket's Wireless LANPlanner enhances wireless network design by simulating the expected performance of your network and graphically displaying these results on a site-specific 2D/3D model. Bluesocket's Wireless LANPlanner allows you to efficiently and accurately design IEEE 802.11a/b/g and multi-band systems in the most complex environments. You can review vital information such as RSSI (Received Signal Strength Indicator), SIR (Signal to Interference Ratio), SNR (Signal to Noise Ratio), throughput and bit-error rate. Other features include:

- Automated equipment placement and configuration
- The ability to visualize the physical location and configuration of all installed network equipment
- Automatically create a bill-of-materials and maintenance records

Bluesocket's Wireless LANPlanner — Site-specific 3D Modeling

This unique software tool allows you to easily convert drawing files or paper floor plans into multiple-story building databases quickly and efficiently. To ensure an accurate design, Bluesocket's Wireless LANPlanner allows you to specify the RF characteristics of walls and other obstructions from our extensive RF attenuation database. It also stores vital asset location and configuration information in a flexible 2D/3D model for simplified management and future network upgrades. Building information can easily and directly be imported into Bluesocket's Wireless LANPlanner from an existing AutoCAD drawing, a scanned image, digital photograph or PDF file, or a free-hand or electronic sketch of any site.

With Bluesocket's Wireless LANPlanner, you can instantly verify and record real-time network performance statistics directly from any wireless LAN client device. These real-time measurement statistics are displayed in a site-specific manner and used to optimize your wireless system predictions.

Asset Management and Network Troubleshooting

Electronically share, store and archive complete documentation about your wireless network performance, equipment location, cost and installation in a standard database. This database can be used for problem resolution by simulating changes to your networks prior to implementation. Technology upgrades can be evaluated for coverage and throughput without the expense of test deployments.

Platform Requirements

Pentium III processor or later
500 MHz minimum processor speed (800 MHz or higher recommended)
At least 256 megabytes of RAM
100 megabytes of available hard drive space for installation, and at least 200 megabytes free after installation
Microsoft Windows 2000 or Windows XP (administrative rights are required for installation)
Internet Explorer 6.0 or higher