



AirMagnet Planner

AN AIRMAGNET MOBILITY SOLUTION



AirMagnet Planner makes it easy for network professionals to accurately plan and deploy 802.11-based wireless networks in any indoor environment. The AirMagnet Planner accounts for building materials, obstructions, access point configurations, antenna patterns, and a host of other variables to provide a reliable predictive map of Wi-Fi signal and performance. It ensures full coverage for end-users while minimizing signal bleed into unsecured areas. AirMagnet Planner can be purchased as a separate product or as a fully integrated feature of AirMagnet Survey or Survey PRO.

Professional WLAN Design & Modeling

Properly size new wireless deployments for any environment or location

Build detailed indoor RF models based on building materials and environment

Automate WLAN installation plans including all AP deployment and configuration options

Model any antenna and preview the impact to your WLAN

Ensure complete RF signal coverage while minimizing signal leak into unsecured areas

Analyze total predictive co-channel interference for any AP

Predict network speed information

Use seamlessly in conjunction with AirMagnet Survey for complete wireless modeling, deployment and optimization

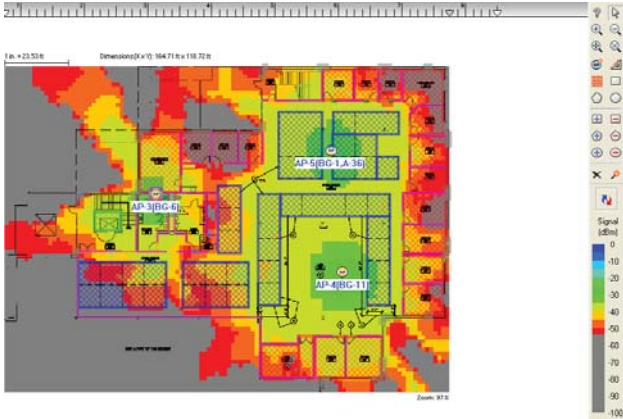




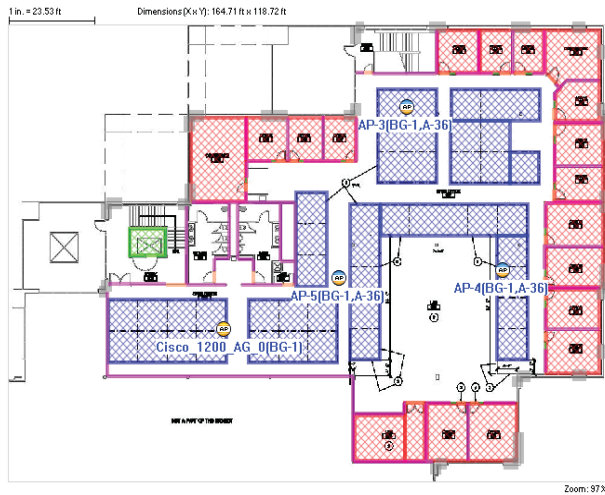
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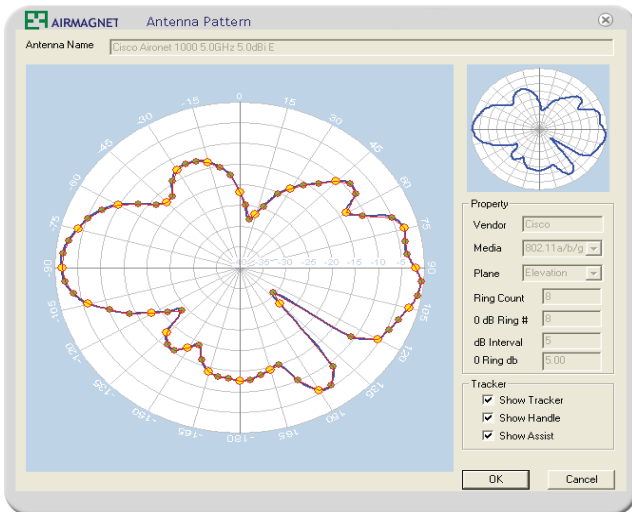
Unmatched Analysis



AirMagnet Planner for automated WLAN modeling



Customizable building characteristics



Antenna Manager to create customized antenna patterns

Great Networks start with great design

An accurate network plan can be the most critical step of a successful wireless deployment. An unscientific plan can lead to vastly over-spending on network infrastructure or alternatively to underserved and unhappy end-users. AirMagnet Planner removes the need for guess-work and lets installers determine the correct quantity, placement and configuration of APs required to deliver full coverage for end-users while minimizing signal bleed into unsecured areas. Users can preview the network by channel or SSID ensuring the network conforms to any specification.

Wi-Fi Tailored to your environment

AirMagnet Planner makes it easy to build a detailed model of any wireless environment, even before the network is deployed. Simply load in a map of the location, and use the built-in library of walls, doors and windows to precisely match the building's characteristics. The environment can be further customized to account for cubicles, offices, elevators and a variety of warehouse obstructions. All environmental settings are fully customizable and custom materials can be created from scratch to meet your specifications.

Build your Network

AirMagnet Planner provides full control of the proposed wireless infrastructure. Users can add APs to any location and experiment to find the ideal AP placement for the environment. Planner also provides full control over all AP settings with independent settings for 11a and 11b/g radios. Users can set the AP channel, IP address, transmit power, antenna type, orientation and height. When the planning session is complete, users can generate a professional report with all the information needed to properly install the network, complete with a list of required APs, their ideal placement and configuration settings. Users can also use Planner to predict network speed information.

Automated WLAN Modeling

AirMagnet Planner also includes the "advisor feature" to automatically place APs on site floor plans. Users can specify the minimum signal coverage expected, the transmit power, media type of the AP, etc. and mark Wi-Fi coverage areas and areas where APs cannot be placed.

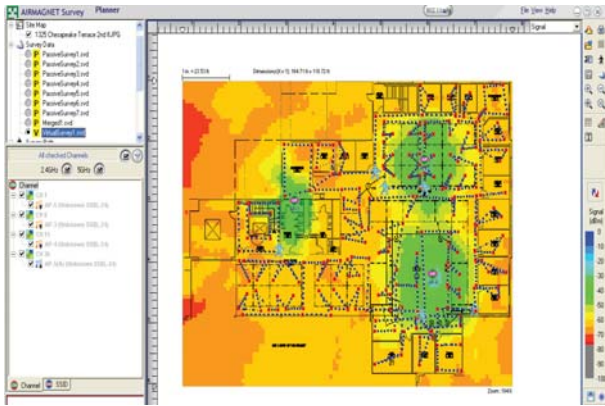
Custom Antenna Design

AirMagnet Planner includes over 90 of the most popular antennas on the market for customizing your APs. However, the solution also includes a built-in tool to create customized antenna patterns, allowing users to replicate the characteristics of literally any antenna on the market.

Minimize Interference

A true Wi-Fi plan requires an intelligent channel plan to ensure that APs in the same area don't overlap or interfere with one another. AirMagnet Planner includes an Overlap feature to show where APs on the same channel overlap above a user-defined threshold. Users can also investigate any AP in detail to plot the total combined interference to a particular access point from all others.

Integration with AirMagnet Survey



AirMagnet Survey to measure real-world performance statistics

Integration with AirMagnet Survey

AirMagnet Planner easily integrates with AirMagnet Survey and Survey PRO, providing a single, seamless application with the industry's most complete approach to wireless LAN design, deployment and ongoing optimization. With this integrated solution, users can use Planner to accurately design their WLANs and plan for speed; then validate the results with real-world data in Survey using active end-user performance metrics, such as actual connection speed and performance models over time. No other solution combines state-of-the-art predictive modeling with real-world performance data.

Survey PRO users also gain additional planning capabilities with the ability to test network plans against the AirWISE engine for design requirements and Diff View which lets users directly compare predicted and actual survey results.

Product Facts

Product	Part Number	Minimum System Requirements
AirMagnet Planner	A4012	Microsoft® Windows Vista™ Business or Ultimate, 2000 (SP 4) or XP™ Professional (SP 2) / Tablet PC Edition 2005 (SP 2)
AirMagnet Planner(upgrade from AirMagnet Survey Standard/PRO)	A4013	Pentium® M 1.6 GHz or higher recommended 512MB Memory (1 GB or more recommended for large/complex projects) for Windows 2000/XP™ PRO, 1 GB Memory (2 GB or more recommended for large/complex projects) for Windows Vista™
AirMagnet Survey Standard (optional)	A4010	250MB of free disk space
AirMagnet Survey PRO (optional)	A4015	A site map in a format supported by AirMagnet Planner(supported formats are: .bmp, .dib, .dwg, .dxf, .emf, .gif, vsd, .jpg, or .wmf.) AirMagnet Survey or Survey PRO (required for A4013 only; Refer to datasheet for AirMagnet Survey for its minimum specifications)

Patents: U.S. Patent No. 7009957, 7236460, 7292562, 7289465 and 7130289. Additional patents pending.

For More Information

SALES: http://www.airmagnet.com/company/contact_airmagnet.php?type=sales

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on one
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