

DATA SHEET



EASY-TO-USE RF PLANNING TOOL SIMULATES NETWORK COVERAGE AND PERFORMANCE FOR SMART WI-FI APs

ZonePlanner takes the guess work out of wireless LAN design, making it easy for network professionals to accurately plan and deploy any 802.11a/b/g/n/ac-based Wi-Fi network with industry-leading Ruckus Wi-Fi access points.

Powered by AirMagnet® technology, ZonePlanner is Ruckus-specific Wi-Fi planning and modeling software that integrates unique antenna patterns generated from our patented adaptive antenna design integrated into every Ruckus Wi-Fi access point. ZonePlanner is available for a variety of Microsoft® platforms and can be run on Apple® platforms using Boot Camp.

ZonePlanner 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 coverage and performance.

GREAT NETWORKS START WITH GREAT DESIGN

Before any actual AP deployment, ZonePlanner lets installers determine the correct quantity, placement and configuration 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.

FEATURES

- Complete 802.11a/b/g/n/ac support for Ruckus APs
- BeamFlex+ adaptive antenna technology
- Manual or automatic AP placement
- Model WLAN changes, upgrades and roaming boundaries
- WLAN throughput estimation
- Channel interference view
- "Bill-of-Materials" reporting

BENEFITS

- Make migration decisions to 802.11ac much easier and faster for existing legacy network environments
- Properly size new wireless deployments for any environment or location
- Design networks before any physical AP roll-out begins
- Predict and optimize WLAN network performance
- Simplify estimating for wireless network deployments
- Build detailed indoor RF models based on building materials and environment
- Automate WLAN installation plans including all Ruckus 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

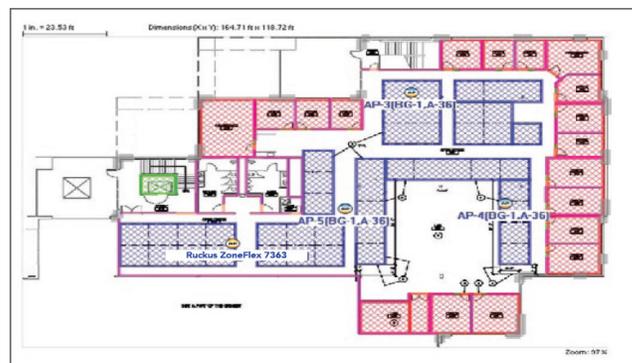


Figure 1: Customizable building characteristics

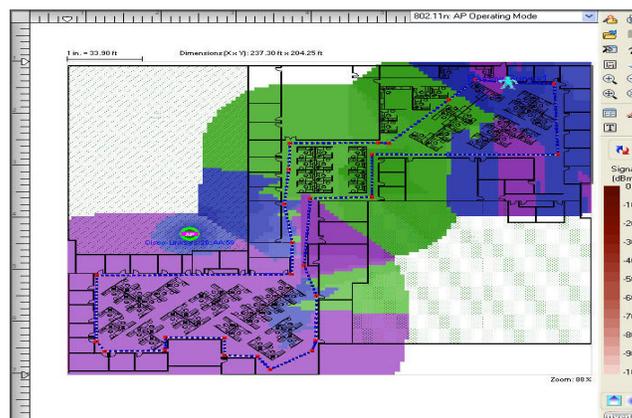


Figure 2: 802.11ac coverage maps

WI-FI TAILORED TO YOUR ENVIRONMENT

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 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

ZonePlanner provides full control over all Ruckus AP settings with independent settings for 802.11a/b/g/n/ac radios. Users can set the AP channel, transmit power, antenna type, orientation, height and 802.11 specifications. 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 Ruckus APs, their ideal placement and configuration settings. Administrators can also use ZonePlanner to predict network data rate information.

802.11ac MODELING

With ZonePlanner, network managers can design new 802.11ac "greenfield networks," as well as one-to-one replacements or the phased introduction of 802.11ac devices into their existing legacy network. Users plan their 802.11ac deployments for maximized performance without any physical AP roll-out because the ZonePlanner is powered with unique coverage maps for 802.11ac WLAN throughput and other coverage maps, such as operating mode, MCS transmit rate and channel width, to predict the WLAN performance at every location on the floor.

AUTOMATED WLAN MODELING

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

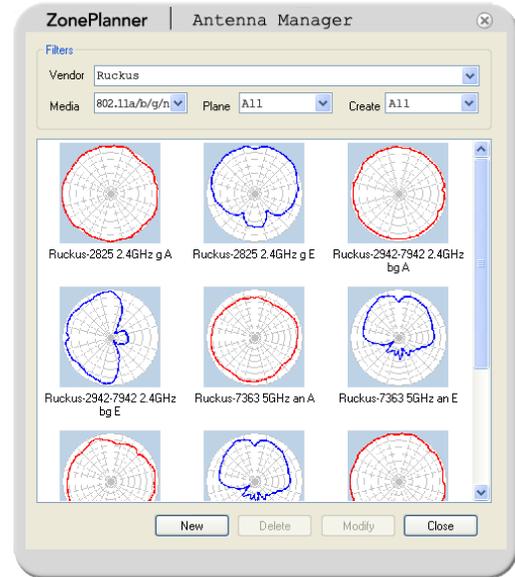


Figure 3: Antenna Manager allows selection of optimal antenna patterns

SPECIFICATIONS

MINIMUM SYSTEM REQUIREMENTS	
System Requirements	<ul style="list-style-type: none"> Microsoft® Windows 7 Enterprise/Professional/Ultimate or Microsoft Windows 8 Pro/Enterprise 32-bit and 64-bit, or Microsoft Windows 8.1 Pro/Enterprise 64-bit, or Microsoft Windows 10 Pro/Enterprise 64-bit 2 GB recommended A site map in a format supported by Ruckus ZonePlanner (supported formats are: bmp, dib, dwg, dxf, emf, gif, vsd, jpg, or wmf)

PRODUCT ORDERING INFORMATION

MODEL	DESCRIPTION
Ruckus Planner Powered By AirMagnet/Fluke Networks	
901-0100-0002	<ul style="list-style-type: none"> Ruckus Planner powered by AirMagnet. RF planner with Ruckus antenna patterns to assist customers for pre-deployment estimates



Figure 4: Ruckus Indoor Access Points



Figure 5: Ruckus Outdoor Access Points

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350 West Java Dr., Sunnyvale, CA 94089 USA
www.ruckusnetworks.com