›› Searching for Seamless Wireless Coverage?

Achieve Efficiency with a Wireless Site Survey

PC Connection's Wireless Site Survey is an invaluable tool in the design of your infrastructure. Whether you're planning a new wireless network, expanding your current coverage, or upgrading an existing solution, putting the right metrics in place to measure your wireless needs is a crucial step in creating an infrastructure that works the way you want it to. Without survey data, it's easy to underestimate the wireless coverage you need, resulting in dead zones and poor network performance. Overestimating requirements can be an even costlier mistake, as access points located too close to one another can inadvertently reduce performance. Use our Wireless Site Survey to get more performance out of your IT dollars and maximize the return on your wireless investment.

Take the Guesswork Out

Starting your next wireless project with a PC Connection Wireless Site Survey is the best way to ensure a problem-free implementation. The data collected from our Wireless Site Survey can improve network operations and save you money. Our valuable information reveals:

- The correct amount of coverage for your environment and usage requirements
- The ideal combination of access points and antennas for your needs
- Optimum locations for each access point to ensure maximum coverage and performance

How a Wireless Site Survey Works

Our Wireless Site Survey involves a combination of on-site testing and analysis, backed by software simulation and report compilation.

- PC Connection conducts an on-site radio frequency propagation test that produces custom data specific to your building and infrastructure.
- The testing includes a Wi-Fi study of 802.11a, 802.11b/g, or 802.11n signal propagation and interference analysis in all desired coverage areas.
- We produce maps displaying the actual findings for signal strength, noise, signal-to-noise ratio, and channel interference.
- Using the data collected, we create final recommendations for access point location, antenna type, and channel allocations intensity, disk I/O, CPU average use, login delay, and much more.

What to Expect

1. First we gather maps of the desired assessment area.
2. Next we determine coverage areas and requirements.
3. We conduct a radio frequency propogation test.
4. Then we review the data and complete the wireless network design.
5. We generate detailed reports.
6. Finally we provide recommendations and a bill of materials and review them with you.

Assessment Deliverables

Your Wireless Site Survey results provide all the information you need to ensure a successful wireless implementation. Your detailed findings report includes:

- Results of the radio frequency propagation testing, including Wi-Fi interference sources
- Network design drawing
- Bill of materials (BOM) for recommended wireless hardware, pictures of mounting locations, configurations, channel plans, integration plans, security requirements, and data cabling

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Call your Account Manager to schedule a Wireless Site Survey today.