



Wireless Site Surveys

Wireless is not only the future, it is already well on its way to being a critical component of network infrastructures everywhere. As bandwidth continues to increase on the wireless side of the house, it is quickly becoming the primary choice for client and device connectivity.

Service Offering Datasheet

No longer is wireless simply about email, web surfing, and connecting to internal applications. Today's wireless networks are also being asked to support a variety of needs, such as:

- Wireless VoIP (Voice over IP) Phone Services
- Time-sensitive Video Streaming including security camera coverage and real-time conferencing
- Real-Time Location System (RTLS) tags that track the location and movement of equipment and personnel
- Cellular extenders to bring voice and data mobile phone coverage into hard-to-penetrate buildings and areas
- Coverage in outdoor areas—particular in areas where network service is desired but wired Ethernet is not cost effective or practical.
- Technology trends such as Bring Your Own Device (BYOD) driving user demand for high-density, high-capacity wireless coverage.

Gone are the days of stringing up a few access points and calling it a day. [Getting wireless right starts with a site survey.](#)



Process and Deliverables

Using the latest technology tools, and drawing on considerable experience in the field including implementing not just the network but the necessary supporting systems, we offer a range of services including:

- Predictive analysis of new or upgrade installations to determine the appropriate number of APs and optimum placement within your environment.
- Pre-deployment validation surveys providing real-world testing to confirm the effectiveness of a design—before it's implemented.
- Post-deployment hybrid or passive surveys to verify actual network capability and point out trouble spots.
- Complete wireless spectrum analysis to determine the root cause of unacceptable coverage and performance, including non-Wi-Fi interference sources.
- Advanced packet analysis to uncover what's really going on in the radio layer.
- Security setting and process reviews to help maintain the safety of your network.
- All standards covered—802.11a/b/g/n, and even the latest, 802.11ac

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