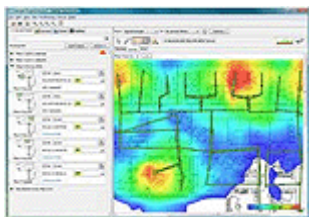




Wireless Site Survey for WiFi or Other Wireless Networks

Progent can help you design and build a local area wireless network with the coverage, speed, security, and reliability your business needs



Progent's **Wireless Site Survey** helps you design and install a wireless local area network (WLAN) optimized for your facilities, offering you a solution that delivers the coverage, performance, capacity, Quality of Service (QoS), security, and roaming capability your business requires.

Progent's **Remote Wireless Site Survey** uses advanced RF modeling and simulation software to collect the information needed to design an efficient WLAN. Progent's **On-premise Wireless Site Survey**, available throughout the U.S., features onsite inspection, RF and security audits of your existing WLAN, analysis of your building's floor plans, testing for RF interference, RF propagation modeling, identification of optimum locations for customer-specified Wireless Access Points (WAPs), and a detailed report for a new WLAN. The on-premise survey includes Interviews with your IT management and end users to refine parameters for the WLAN. All 802.11a/b/g/n WLAN design is performed by BICSI RCDD Certified Survey Engineers.

Progent offers expertise for creating a state-of-the-art **BYOD** (Bring Your Own Device) environment. iPhones and iPads, Androids, BlackBerries, Windows Phones, and other mobile devices require robust RF signals and pose serious capacity challenges. Progent's **Wireless Site Survey** provides the insight you need to address these issues and design an affordable and effective BYOD implementation.

Deliverables for Progent's On-Premise Wireless Site Survey can include:

- **RF Spectrum Analysis** for WiFi, DECT, ZigBee, and other advanced wireless networks. This includes detection of RF issues related to your facility's physical structure as well as other possible sources of interference so you can anticipate and resolve problems during the WLAN design phase.
- **RF Coverage Maps** in the form of color RF contour images for the areas requiring coverage to help select the optimal number and location of WAPs and identify RF leakage areas and coverage gaps
- **Capacity Plan** for defining and delivering the bandwidth needed to support all applications and users
- **Cable Paths** depicted as red line diagrams you can supply to cabling contractors
- **Device Installation** guidance on where and how to install wireless devices plus identification of special equipment that may be needed (NEMA enclosures, antennas, etc)
- **Infrastructure Requirements** to specify all facility and networking resources needed to support the installation such as available switch ports, Power over Ethernet (POE), electrical power, and rack space

World-Class Network Infrastructure Expertise

Progent maintains one of the largest teams of Cisco-certified CCIE network engineers of any independent IT support firm in the U.S. and can help you integrate your WLAN seamlessly into your corporate network. Progent can help you configure and manage Cisco routers, switches, and security appliances as well as Cisco Mobility products including WAPs and wireless LAN controllers. Progent also offers expertise with networking products from Juniper, Apple, WatchGuard, and other leading vendors.

To help you with company-wide security and compliance issues, Progent offers the services of network security engineers who have earned advanced certifications from CISM, CISA, CISSP-ISSAP, GIAC, and CRISC. Progent's security specialists offer a broad range of online and on-premise services that include vulnerability audits, stealth penetration testing, and disaster recovery planning.

Find Out More About Progent's Wireless Site Survey Services

For more information, call **800-993-9400** or send email to **information@progent.com**

AVAILABLE SERVICES

- **Remote Survey Option**
The remote "desktop" survey saves you money by utilizing advanced RF modeling and simulation software
- **Visual Inspection**
Thorough onsite inspection of the facilities where the WLAN will be installed
- **Floor Plan Analysis**
Detailed mapping of your physical WLAN environment
- **Optimal WAP Placement**
Location of Wireless Access Points to deliver the required coverage at the least cost
- **Management/User Interviews**
Gather stakeholder feedback to refine system parameters
- **RF Spectrum Analysis**
Uncover interference sources to address in design phase
- **RF Coverage Maps**
Colored contour maps to show RF leakage or coverage gaps
- **Capacity Planning**
Estimate the WLAN bandwidth needed for your environment
- **BYOD Support**
Accommodation for various handheld devices including iPhones, iPads, BlackBerries, Androids, Windows Phones
- **Device Installation**
Guidance on configuring and locating wireless devices and any special hardware required
- **Infrastructure Specifications**
Define network requirements such as switches, PoE, rack space, electrical power, HVAC
- **Quality of Service Guidance**
Address QoS issues for VoIP, video conferencing, and other time-critical applications