



Wi-Fi Surveys & Heat Mapping

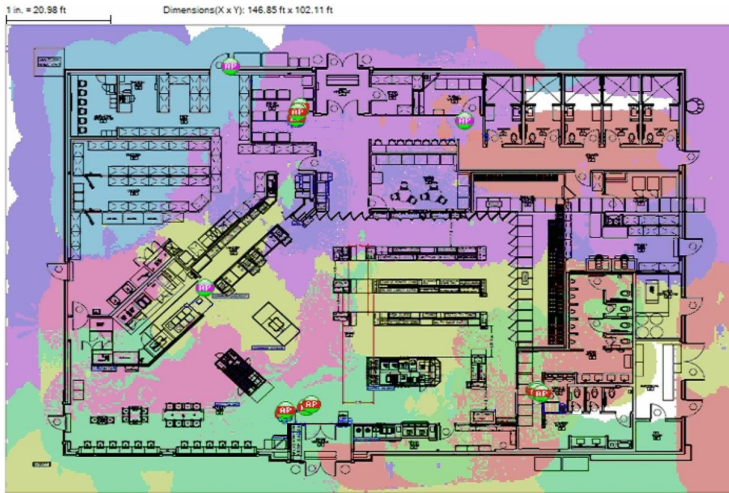


ENSURING COMPREHENSIVE WIRELESS COVERAGE

Let Tech Service Today (TST) help you achieve optimal performance of your wireless networks. Whether your company is looking at new or existing locations, a Wi-Fi survey can ensure you're maximizing your investment in wireless technology, and that all your bases are covered from a network perspective.

Companies involved in mergers/acquisitions frequently utilize our wireless survey services to get a clearer understanding of the relevant network capabilities because heat maps help them visualize, plan for, deploy and troubleshoot wireless networks. But regardless of whether your environment is an office building, a warehouse, or an industrial or academic campus, Tech Service Today delivers peace of mind with our three tailored Wi-Fi site survey offerings.

Our predictive modeling surveys can help you prepare a budget and parts list for a new wireless network. The detailed analysis associated with our passive surveys will identify sources of interference and dead spots so your new network can yield optimal results. And when our skilled technicians perform an active survey, they meticulously seek out sources of frequency interference, adjust access points, and verify that you are operating on the proper channels. Upon completion of every wireless survey, you'll receive a comprehensive, custom report with our survey findings and recommendations for fine-tuning your wireless network for optimal performance.



Heat Maps are graphical representations of various data points and/or characteristics of a wireless network wherein the values are depicted as colors.

TECH SERVICE TODAY OFFERS 3 TYPES OF WIRELESS SURVEYS

Predictive Wi-Fi Modeling Survey:

A predictive Wi-Fi modeling survey serves as a strong analysis tool when planning out the deployment of a WLAN by simulating its performance and characteristics. This is not an actual site survey that requires a technician to physically visit your site. Instead, all we need is a scale floor-plan drawing of your building. Using the floor plan, we graphically simulate your WLAN characteristics and provide you with a detailed report indicating the ideal placement of wireless access points (APs) throughout your facility to ensure comprehensive coverage. While most companies utilize predictive modeling to build a required wireless equipment list and budget for new WLANs, some companies utilize our predictive modeling surveys to perform sanity checks on the placement of APs in their existing wireless networks.

Passive Wi-Fi Survey:

A passive survey is the most comprehensive survey we offer because it covers the most important WLAN characteristics and metrics. This survey includes heat mapping using AirMagnet® Survey Pro Wi-Fi software and requires a technician to visit your location. The passive nature of this survey means the application is passively listening to packets and does not attempt to connect to any WLANs. Like predictive modeling, passive surveys define the exact quantity, placement, and configuration of APs for new WLANs – but with greater accuracy because they also identify physical barriers and sources of interference that cannot be gleaned from a floor plan drawing. Passive surveys also provide the RF characteristics and coverage areas for existing wireless networks to help identify problem areas and/or dead zones.

Active Wi-Fi Survey:

An active survey is an optional addition to passive Wi-Fi surveys and involves our technician's application actively connecting to the wireless network to measure actual throughput rates. This is common for customers who require a more in-depth analysis and the measurement of your WLAN's real-world performance characteristics. If your company is experiencing Wi-Fi interference or dead spots, an active survey will help troubleshoot your wireless network by illustrating detailed coverage metrics like signal, noise, signal-to-noise ratio, channel interference, WLAN throughput, data rates, and more, and then delivering those results in a comprehensive survey report that offers actionable recommendations for resolving your WLAN problem areas.

SCHEDULING A WI-FI SITE SURVEY IS EASY

WHAT TST NEEDS FROM YOU:

1. Partake in a short initiation call and review requirements.
2. The desired date on which you'd like to schedule the onsite visit/survey (not required for predictive surveys).
3. Digital copy of site floor plan (with approximate dimensions).
4. Any available pictures of the area being surveyed (optional).
5. Technical Contact name and phone number.
6. Site Contact name and phone number.

WHAT TST WILL PROVIDE IN RETURN:

1. Configuration of Wi-Fi survey device with your site data.
2. Scheduling of field technicians and support during the on-site visit.
3. Deployment of testing tools to field technicians.
4. Site notifications and coordination if desired.
5. Gathering and processing of all site data.
6. Formulation of the comprehensive, custom report containing our survey results and recommendations.

INTERESTED IN LEARNING MORE?

To find out which Wi-Fi survey might be right for your company or to hear more about our competitive pricing, contact us today!

SALES@TECHSERVICETODAY.COM

800.973.2022

