



## OPTIMIZE YOUR NETWORK PERFORMANCE WITH A COMPREHENSIVE WI-FI SITE SURVEY

Let us take you from frustration to full bars. Our Kaco experts will assess your setup and create a blueprint for Wi-Fi that **works everywhere.**

### A RESILIENT NETWORK EMPOWERS YOUR TEAM'S SUCCESS



### THE TELL-TALE SIGNS YOU NEED A SITE SURVEY



Think of it as your  
Wi-Fi's check-up,  
perfect for  
when you're:

- Moving into a new space or expanding operations
- Undergoing renovations
- Introducing new software and tools that depend on reliable Wi-Fi
- Shifting your work environment into a Wi-Fi-first setup
- Operating in a high-density environment like an office, campus or public venue
- Working in a complex setting like a warehouse, hospital, and industrial site

**Are your employees constantly complaining about spotty, weak internet coverage, Teams calls dropping as they roam, and inconsistent speeds?**

These incidents cost more than just patience. Your productivity is paying the price, too. A Wi-Fi site survey from Kaco provides a structured framework for improving your Wi-Fi environment.

### WHAT A SITE SURVEY DOES FOR YOU



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# WHAT A SITE SURVEY DOES FOR YOU

Taking this step is your smart move for an efficient, secure, user-friendly network. Expect:

-  **Consistent, Optimized Coverage** { Say goodbye to dead zones and enjoy stronger Wi-Fi where you actually need it. We'll reduce interference and keep your RF environment healthy.
-  **Enhanced Performance** { Dependable connectivity and higher throughput for your users to accomplish their important work.
-  **Improved Capacity Planning** { Handle current and future device demands.
-  **Reduce Costs** { Deploy exactly enough access points in the proper places to minimize unnecessary infrastructure.

## Better Coverage Starts with Better Insight

A comprehensive Wi-Fi site survey lays out the path for effective network planning. **Here's what's involved.**

### 1 Evaluating Coverage and Signal Strength

You can't fix what you can't see. Fewer interruptions to your operations starts with pinpointing your current network troubles. We will:

- Conduct a Wi-Fi analysis across the coverage area
- Assess key Wi-Fi health indicators, such as SNR and RSSI, to determine signal quality from an end user device perspective

### 3 Assessing Usage Patterns and Capacity Requirements

Want to avoid congestion and slowdowns? Your setup should match how your team works today and adapt as your needs grow in the future. We make that happen by evaluating your:

- User density: Number of users and devices
- User activity: Application types and bandwidth demands

### 2 Looking For Interference and Defining Areas of Attenuation

With a complete picture of your Wi-Fi environment, we'll identify any factors affecting how signals travel and impact your performance:

- Nearby Wi-Fi networks operating on overlapping channels
- Electronic devices that emit RF noise (e.g., microwaves or Bluetooth)
- Environmental and structural elements such as walls, floors, and furniture

### 4 Testing Performance Requirements

After addressing the issues and fine-tuning your system, we check that performance meets your expectations by assessing:

- Throughput: Did upload and download speeds improve?
- Roaming Capacity: Do devices transition smoothly between access points without drops, delays, or coverage gaps?
- Wi-Fi Health: Is your network more reliable, based on key indicators such as primary and secondary coverage, signal-to-noise ratio and channel interference?

