



Wireless Networking Planning and Site Survey



In a connected world, there's no room for dropped signals and poor connection.

Business Challenge

Having an adaptable and scalable wireless network is crucial for your organisation.

These networks play a huge part in today's modern working environments, so enduring bottlenecks or going without a future network plan is not an option.

Service Overview

Thankfully, SHI is here to help you with your wireless network needs.

SHI's Wireless Networking Planning and Site Survey tools combine to create a battle plan so you know exactly how to address current – and future – challenges within your wireless network.

The Wireless service can provide a new solution, or alternatively remediation, ensuring all business and user requirements are covered and future-proofed.

Benefits, Deliverables & Outcomes

Our onsite Wireless Network Planning Survey provides an in-depth analysis of your current environment to create a battle plan, so you know exactly how to address current – and future – challenges within your wireless network.

The benefits of this service include:

- Complete Wireless Environment Overview & Heatmap
- Physical Structure/Building Analysis
- Understanding of Business and Application Needs
- Planning and Best Practice Design Concepts
- Understanding Business Requirements and Roadmap
- On-site and Remote Consultancy
- Customer-First Approach
- Industry Leading Tooling and Process
- Expert Subjective Analysis
- Detailed Report and Network Insight
- Network Design Preparation
- Proposal 100% In Line with Your Business Objectives



We also offer a site survey, which helps you build a wireless network which is tailored to your requirements.

Our wireless engineers can deliver surveys on the mixed vendor, mixed environment, any size, anywhere. These site surveys will ensure that you have a bespoke, fit-for-purpose solution designed to cover all wireless requirements.

Our team will design you a heat map graph to easily visualise wireless availability and AP location in a specific area that simulates the existing or brand-new wireless network. Then, they will design the structure by adding heavy doors and brick walls to simulate the dBm propagation loss, provide details on the dead spots in your current network, as well as a detailed report with recommendations for full wireless network coverage.

There are a full suite of survey options to support all customer needs using the latest, most accurate software and hardware.

Survey Summary

Understanding Business Requirements and Roadmap

ENVIRONMENTAL ANALYSIS

- Building Structure
- Spectrum Analysis

OCCUPANCY ANALYSIS

- Users
- Visitors
- Foot Traffic

APPLICATION ANALYSIS

- Voice, Data, Video
- Peaks and Usage

COVERAGE AND ROAMING

- Users
- Visitors
- Foot Traffic



Why SHI?

From achieving business resiliency with modern infrastructure to delivering an unbeatable employee and customer experience, SHI's expertise combined with Cisco technologies delivers solutions to help you succeed in today's rapidly evolving business landscape.

As a Cisco Gold Partner, SHI offers you a range of end-to-end solutions across all Cisco architectures. Whether you need to manage a remote workforce, integrate new security practises, or accelerate digital transformation initiatives across multiple clouds, our experts can help you make the most of Cisco's technology.

To learn more about SHI's partnership with CISCO, reach out to your SHI Account Team or contact us below:

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