IM Services
Wireless Network Assessment

Service Overview

Embarking on a Wireless Network Assessment is a multifaceted endeavor that commences well before the actual site survey work at the customer location. At the heart of this process lies a profound understanding of not just the technical intricacies but also the unique business needs that drive the network's design. Our approach encompasses a thorough examination of the existing environment, delving into the nuances of performance concerns, and strategically considering the client's growth plans.

In collaboration with Ingram Micro's Expert Service professionals, the journey involves a comprehensive analysis that goes beyond the confines of traditional building environments. Whether it's the assessment of outdoor configurations, mesh networks, point-to-point setups, or the conventional building atmospheres, our team is well-equipped to handle diverse scenarios.

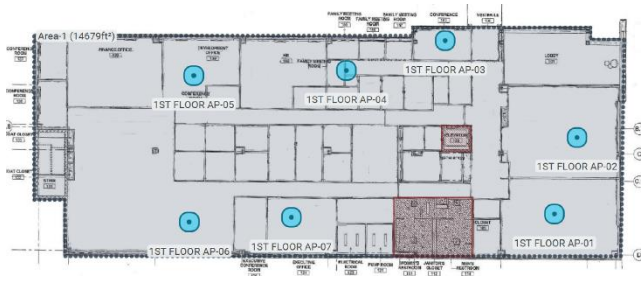
This collaborative effort ensures that the Wireless Network Assessment is not a mere procedural formality but a tailored solution crafted to address specific challenges and opportunities. By aligning with leading wireless vendors, we guarantee a service that is not only reliable but also adaptable to the dynamic demands of the modern digital landscape.

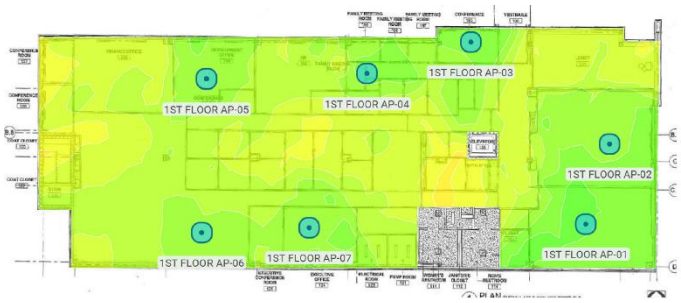
Deliverables

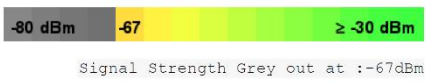
A final Wireless Network Assessment Report is delivered with expert analysis of the data including recommendations for optimizing the network. The survey results present a physical design blueprint, including:

- Final report Including,
  - Floor plan or site map with wireless access point locations and mounting
  - Channel and power plan
  - Areas of wireless coverage, network connectivity, and configuration information
  - Bill of materials, if requested
- Executive presentation

Sample Information







Signal Strength Grey out at :-67dBm

Floor 1 channel and power table

Name	AP Model	Recommended Power Level (dBm) 2.4Ghz	Recommended Power Level (dBm) 5GHz	Recommended Channel 2.4GHz	Recommended Channel 5GHz
1ST FLOOR AP-01	Meraki MR52	5.0 dBm	11.0 dBm	6	60@40
1ST FLOOR AP-02	Meraki MR52	8.0 dBm	8.0 dBm	11	36@40
1ST FLOOR AP-03	Meraki MR52	8.0 dBm	8.0 dBm	1	100@40
1ST FLOOR AP-04	Meraki MR52	8.0 dBm	8.0 dBm	6	52@40
1ST FLOOR AP-05	Meraki MR52	8.0 dBm	8.0 dBm	1	157@40
1ST FLOOR AP-06	Meraki MR52	8.0 dBm	8.0 dBm	6	44@40
1ST FLOOR AP-07	Meraki MR52	8.0 dBm	8.0 dBm	11	149@40

Contact Us

Please contact Ingram Micro Services to handle your service registration submissions, quote requests, product info or custom statements of work. Ingram Micro Services can be reached at USServices@ingrammicro.com or by phone at **(800) 456-8000, ext. 76094**.

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Wireless Survey Types

Predictive Wireless Assessment
A predictive wireless assessment will provide a detailed design for initial placement and tuning of wireless access points. This work is performed remotely with information and floor plans provided by the customer. Additionally, it is recommended that a Passive/Validation wireless assessment be performed to verify correct tuning and placement once the network is installed an operational.

Active Wireless Assessment
An active assessment is where an AP is placed at a set of locations and signal strengths are measured in the environment to design the placement, power and channel settings for the new environment. This is typically done for new installations and with the model of AP that is going to be installed.

Passive/Validation Wireless Assessment
This assessment measures the signals and power of an existing to determine gaps in coverage or adjustments that need to be made to location, power and channel settings of the environment. It is also used to validate a new installation and identify any post installation changes that may need to be made.

Trouble-Shooting Assessment
The goal of this survey is to measure and evaluate current coverage to identify performance issues in an existing environment. This survey not only focuses on the wireless infrastructure and configuration but also evaluates neighboring businesses or other transmitting devices that could potentially interfere with the wireless system, and if encountered, create a risk assessment, sorted by criticality, with accompanying mitigation recommendations.

Process

To start the quote process for a wireless survey, please fill out the linked form completely and attach floor plans for the buildings or site. If you have questions about the process or need additional information, please reach out to the contact below.

Step 1: Partner to fill out our Wireless Survey Request Form
Step 2: Additional scoping call with Ingram Micro's services team if needed.
Step 3: Quote presented to Partner.
Step 4: Partner accepts quote.
Step 5: Ingram Micro presents Statement of Work (SOW) to Partner
Step 6: Partner accepts and project manager steps in to support in activation of the project.
Step 7: Survey completed, executive presentation performed, report delivered.

Survey SKUs

SKU	Part Number	Description
04CQ67	IMPS-WNS-PRED	WIRELESS ASSESSMENT PREDICTIVE
04CQ66	IMPS-WNS-ACT	WIRELESS ASSESSMENT - ACTIVE
04CQ65	IMPS-WNS-PASS	WIRELESS ASSESSMENT – PASSIVE/VALIDATION
04CQ68	IMPS-WNS-TBS	WIRELESS ASSESSMENT - TRBSHOOT

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