WLAN Health Check Survey

Code: PS-SV-HCS-01

Overview

Is your wireless network not performing the way your business needs it to? Do you have interference, dropouts, poor throughput and connection issues? Or are you just after peace of mind and reassurance that your wireless network is operating to its highest levels?

Our WiFi site surveys are an invaluable tool in diagnosing problematic wireless networks. From wireless network dropouts, discovering hidden nodes, frequency interference, WiFi rogue access points and many more hazards to wireless networks, we can ensure that your wireless network starts to perform.

Performing a wireless survey on an existing wireless network is a great way to baseline your wireless performance. As the environment in which your WiFi network exists is forever changing, performing a wireless health check can highlight RF issues before they become a problem.

- ▶ Poor Performance / Throughput
- ▶ RF Interference
- ▶ Find WiFi Rogue Access Points
- ▶ Locate Dead Spots
- ▶ WiFi Security Weaknesses
- ▶ WiFi Client Connection Problems

Poor Performance and Throughput

Are your WiFi clients experiencing poor performance on your wireless network? There may be a serious problem causing your low throughput that is starting to have an impact on your business.

Spectrum Analysis / RF Interference

A full spectrum analysis will include detection, measurement and recording of the presence of RF Interference that could degrade the performance of a wireless network. Interference such as microwaves, PIR sensors, Bluetooth and legacy wireless devices can have a serious impact on your WiFi network.

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Find Rogue Access Points

WiFi Rogue access points are a serious threat to the security of your wireless network and corporate data. If you don't have full wireless coverage throughout your building a WiFi rogue access point is usually installed by someone who is simply looking for the same convenience and flexibility at work that they've grown accustomed to using on their own home wireless network.

Locate Wireless Dead Spots

Dead spots in your wireless network can sometimes be hard to find and can be the result of a poorly designed WiFi network or a change in the RF environment. Our wireless health check will map out all of the coverage holes in your WiFi network allowing us to help you design more redundancy into your network design.

Security Weaknesses

WiFi security is at the top of everyone's agenda at present, and that should be no different for your wireless network. WEP and WPA are no longer acceptable in a corporate environment and our wireless survey will highlight your security weaknesses so that we can give you the right recommendations to secure your data!

The Health Check Survey documentation will include:

▸ Maps of the WiFi RF coverage.
▸ Detection, measurement and recording of the presence of RF Interference that could degrade the performance of a wireless network.
▸ Diagnostics of common WiFi problems - Hidden Node, Near Far, Sticky Client etc.
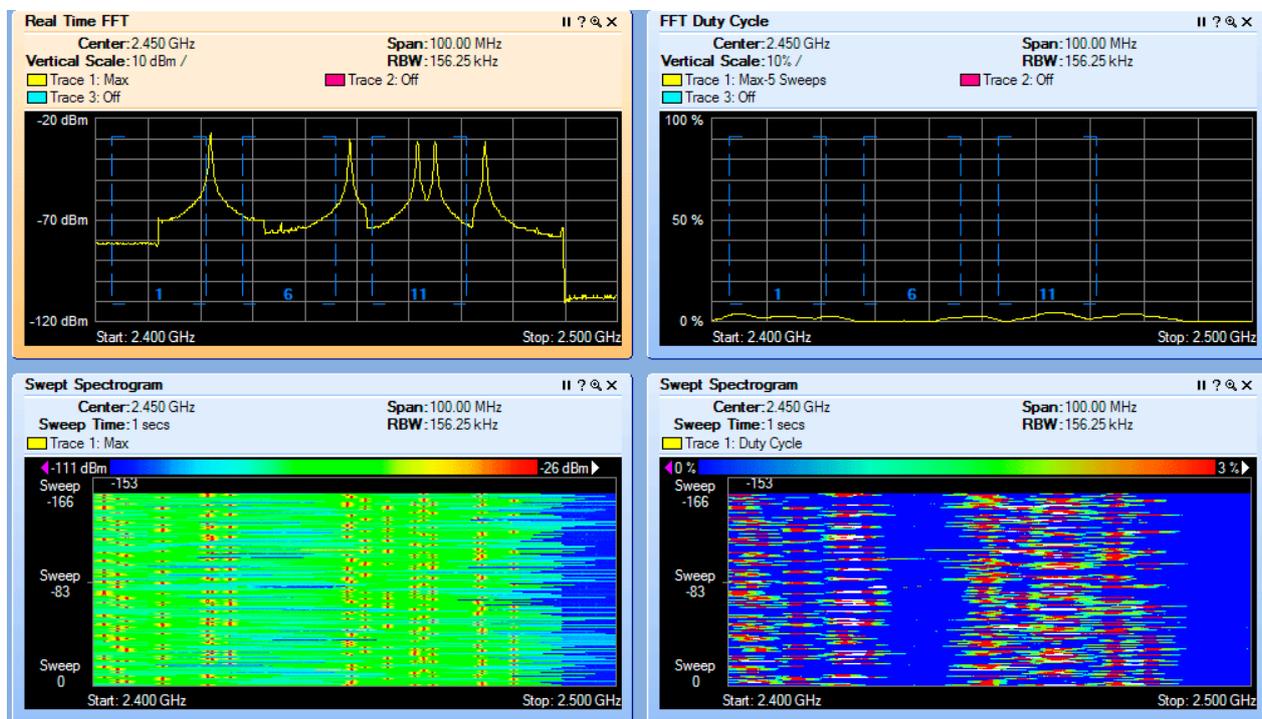▸ Recommendations for fault resolution.

No wireless survey is complete without spectrum analysis!

Having the ability to perform a spectrum analysis and work out what is going on in your RF environment is paramount to locating the invisible interference in your WiFi network.

All of your wireless surveys include a scan for interference which enables us to baseline your RF environment. You will be surprised how many devices can be found operating within the WLAN frequency range that will be having an effect on your wireless network.

Each wireless health check is customized to your specific needs. Depending on the size and complexity of your network, the Wireless LAN Health Check requires between 1 and 3 days of services. Before beginning the health check, PT. Autojaya Idetech / PT. Solusi Periferal's Wireless LAN Engineer will enter into a consultancy phase with you to enable you to gain the most out of your wireless health check.

If you would like more information about a wireless survey health check please use the contact us page or give a call.