



PROFESSIONAL SERVICES

WIRELESS NETWORK ASSESSMENT

REGARDLESS OF HOW WELL YOUR WIRELESS NETWORK PERFORMED WHEN IT WAS FIRST INSTALLED, THERE ARE MANY FACTORS THAT CHANGE OVER TIME WHICH CAN DEGRADE PERFORMANCE AND HAVE A DETRIMENTAL EFFECT ON USER EXPERIENCE.

These factors of change fall broadly into two categories:

DEMAND

More users, more devices being connected and an increase in consumption of bandwidth per user.

ENVIRONMENTAL

Changes in office layout, movement of partitions, new or increased sources of interference.

The first you might hear about the impact are user complaints about their wireless experience. Reports of slow performance or intermittent connectivity flags that your wireless infrastructure is not performing as it should, this does not help you identify the root cause of these issues.

ASSESSMENT SCOPE

THE WIRELESS NETWORK ASSESSMENT CONSISTS OF THREE ELEMENTS:



NETWORK REVIEW – we will fully document your current Wireless Network in terms of your network topology and the placement and configuration of access points.



SITE SURVEY – we will use specialist equipment to assess the condition and performance of your existing Wireless Network throughout your site. This includes an assessment of the RF environment.



SPECTRUM ANALYSIS – we will investigate channel utilisation and density and identify rogue networks and devices accessing your wireless environment.

ASSESSMENT DELIVERABLES

WE WILL PROVIDE YOU WITH A FULL REPORT OF OUR FINDINGS. THIS WILL INCLUDE:

CURRENT NETWORK OVERVIEW

Overview of your current Wireless Network.

ASSESSMENT RESULTS

Review of twelve point assessment of your wireless environment at each location covering: Signal Strength, Interference, Signal-to-Noise Ratio, Capacity, Redundancy, Channel

Overlap, Round-trip Time, Roaming, Throughput, Packet Loss, Spectrum Utilisation and Rogue Devices.

RECOMMENDATIONS

Our recommendations on steps that can improve Wireless Network performance ranging from quick-fix configuration changes through to the provision and location of new access points or network upgrades.

THE VALUE OF THIS SERVICE

This assessment service is designed at taking the guesswork out of responding to user complaints relating to Wireless Network issues. It provides you with hard, factual evidence on the performance of your Wireless Network so you can determine if it is delivering against service requirements.

It enables you to understand weaknesses in your Wireless Network either that need to be addressed immediately or can be taken into consideration for longer term planning.

By fully understanding both the performance of your Wireless Network and the environment in which it operates, we are able to make informed recommendations on what options can improve performance and respond to future demands.

We strongly believe that through the insight that the Natilik Wireless Network Assessment delivers, you are able to make the right decisions on your Wireless infrastructure, avoiding unnecessary spend and focusing on areas that will deliver the greatest return on investment.

INTERESTED IN LEARNING MORE

If you would like to find out more about our Wireless Network Assessment Service, then please contact your account manager. They will be able to provide you with the finer details of what the assessment entails and provide you with a cost for the service.

T: +44 203 597 8000

E: EMEA@NATILIK.COM