WLAN
assessment

A Wireless Assessment is a thorough audit of the wireless infrastructure. It is the starting point for a reliable wireless network deployment, as well as the most important step to ensure the desired operation of an existing network. The audit includes discovery of access points and deployed encryption methods, detection of signal bleed outside the facility, review of the wireless infrastructure diagrams and policies, and penetration testing to attempt unauthorised access to the wireless network.

Did You Know?

"By 2020, 212 billion devices will be wirelessly connected."

According to IDC, 2014

Wireless LAN Infrastructure Threats

The demand for wireless access has forced vendors to make it easy to set one up. It is common for a wireless network to be added to existing infrastructure by following a setup wizard without much thought. This may be fine for a home network, but businesses have more at risk and need to ensure a secure implementation. One of the most common issues for wireless implementations are using weak encryption protocols like WEP or using weak Pre-Shared Keys for WPA2. Another common concern is someone installing an access point or wireless router on the network without approval. This could be a misguided employee or an intentional malicious act. A third common issue is improper configuration or network access policy, for example a guest wireless network that unintentionally allows access to internal network resources. You wouldn't hang a live network cable out the window so make sure your wireless network is protected.

ASI
S O L U T I O N S

Contact us to book your WLAN Assessment
1300 368 010 I sales@asi.com.au I www.asi.com.au

WHY DO YOU NEED A WLAN ASSESSMENT?

Great wireless connectivity starts with structured planning the Wireless LAN Site Assessment is a critical activity during the planning of your wireless network. To meet your end goal of an optimal wireless LAN solution that meets your mobility requirements, proper planning is needed to address variables such as RF coverage, interference and behaviour, which are not typically present in a traditional wired network.

A wireless site assessment leads to cost reduction and effective deployment:

• Is a critical activity to maximise the cost reduction and productivity benefits you can achieve through wireless technology
• Ensures you'll be able to effectively implement future mobility services, such as voice or location
• Saves you time and money by first planning and preparing for what is to be built
• Identifies the right components (access points and antennas) you need to provide wireless coverage
• Identifies the optimal placement of wireless devices and components based on RF analysis
• Recommends the features and functions necessary to ensure your wireless architecture is secure
• Reports on your current wireless environment status and recommends a wireless LAN design to fulfil your requirements

Why Choose ASI Solutions

ASI Solutions has held the role of Australia's most innovative and pioneering business technology partner for over 30 years. Its global technology offerings and professional implementation model provides greater efficiency and returns for all our customers. With real insight into the external forces impacting IT environments, we balance the needs of business today and help our customers transition to the operating challenges of tomorrow.

Our Expertise

Our security engineering team maintains a deep technical knowledge-base of modern web security threats. A Wireless Assessment is more than wandering around with laptop looking for rogue access points or making sure your WPA2 keys are strong. Our engineering team understands wireless technology and can provide a comprehensive wireless audit by reviewing policies and the entire implementation not just the access points.

Our Process

The key to a successful testing cycle is a repeatable process. The ASI engineering team maintains strict internal process standards to ensure that WLAN assessments are sensible, repeatable, and are providing the correct information for the client's needs. The engineering team can tailor individual test types to specific services and infrastructure needs for your business.

The process includes an on site discovery process, offsite consolidation and analysis of the collected data, producing outcomes and recommendations that will be brought back to the business by an ASI Business Development Manager for discussion and review.

What Now?

Contact us today to see how ASI Solutions can help you enhance your IT environment to achieve real business outcomes.