



## Wireless LAN Health Check



### Why Do I Need A Wireless LAN Health Check?

Mobility has become the "go to" standard for enterprise connectivity today. As more and more devices are connecting to the wireless networks, customers are facing increased pressure to ensure the availability and performance of the network is enterprise grade. Many WLAN infrastructures that were built for "best effort" connectivity are significantly underperforming today with the increased number of end user devices, and in some cases completely failing. Over time, it's important to reassess your current WLAN infrastructure capacity and scalability.

### NWN Wireless LAN Health Check Provides:

- Validation for your WLAN infrastructure reviewing the robustness and availability of environment
- A look into your available wireless capacity to analyze your environment for its ability to support future growth including the proliferation of mobile devices
- An assessment of RF interference and rogue wireless devices to determine impact on wireless performance
- A review of wireless authentication and encryption to look for gaps in proper implementation and data security procedures
- Determination if additional RF testing analysis is required to achieve optimal performance (separate work effort)

### Wireless LAN Health Check Benefits:

- Review Cisco or HPE Aruba Wireless Infrastructure code versions for compatibility and stability based on current manufacturer recommended best practices
- Ensure WLAN is optimally configured for secure mobile access and if remediation is required to make recommendations for additional security measures that can be implemented
- Reduce deployment costs and delays by determining readiness of your environment

### Wireless LAN Health Check Services:

- NWN will hold an initial planning session to review your design requirements, confirm your defined wireless area and understand your objectives
- NWN will then perform our wireless Health Check including a review of Cisco or HPE Aruba WLAN infrastructure and a complete analysis of WLAN configurations

### Wireless LAN Health Check Deliverables:

- NWN will provide you with a copy of the wireless health check results including interfaces and uplinks, security configurations, and wireless/RF configurations
- NWN will meet with your organization to review findings and provide recommendations based on our health check