

Wireless LAN Troubleshooting Process

MANAGE

Vendor WMNS or 3rd-Party overlay systems to evaluate and supply pertinent data for WLAN Troubleshooting



INTERROGATE

Frame Captures for Wired and/or Wireless to understand details of Communication Flows



ANALYZE

Layer 1 Spectrum Analysis to evaluate both Modulated and Unmodulated Radio Frequency Interference



REQUIREMENTS

Primary Coverage,
Secondary Coverage,
SNR, Data Rates,
Density, Capacity

INVESTIGATE

Wi-Fi Scanners, Built-in Tools, CLI Commands, GUI Tools to evaluate Wi-Fi networks



MEASURE

Using performance/throughput testing on Wireless and Wired to document issues and where they exist



VALIDATE

Survey software to map RF Coverage, visualize RSSI, SNR, CCI, Capacity, and if WLAN meets ALL Requirements

