

WIRELESS LAN TESTING & QA

for a Multinational Computer Networking Company

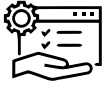


Services: Product Engineering & Innovation, Network Transformation, Professional Services

OVERVIEW

Customer is a **\$1.4bn** Multinational Computer Networking Company based in US. Customer wanted to perform Radio Chipset & Product Beta Testing for their wireless product lines.

CHALLENGES



Manual testing is time consuming and error prone



Test scenarios are not able to validate due to high volume of test cases



Not able to meet regulatory and RF testing standards

SOLUTION INNOVATION

- 1 Sanity Testing (IBSS & AP / STA)
- 2 Functional Testing (including Conformance Testing) and Automation
- 3 Interoperability and Regression Testing
- 4 System Testing (including scalability, performance & reliability)
- 5 Certifications Testing (pre-Wi-Fi certification of WLAN AP & client adapters)
- 6 Scalability & Performance Testing



OUTCOMES

- Optimized control and data plane
- Performance optimization of Wireless LAN Controller