

Spirent Wi-Fi Turn Up Services

Assuring High Performance and Reliability for Enterprise Applications

According to **Cisco Annual Internet Report**, network devices and connections are growing faster (10% CAGR) than both the population (1% CAGR) and the Internet users (6% CAGR) globally. With emerging applications such as virtual and augmented reality used in e-Learning, telepresence, banking and healthcare, more Enterprises opt for Wi-Fi as the preferred networking technology in order to meet the growing demand.

Validating Wi-Fi designs for high-density Wi-Fi use, authorized user connectivity and the ability to support seamless inter-access point roaming are critical success factors in making enterprise-grade Wi-Fi user experience, a reality.



WI-FI NETWORKING TURN UP

Leveraging decades of experience supporting complex testing and assurance needs, Spirent offers comprehensive Wi-Fi turn up services and solutions to help improve and optimize Wi-Fi network performance, reliability of location-based business critical Enterprise applications and services to ensure committed Quality of Experience (QoE) or Quality of Service (QoS) to end users.

Services include:

- Technology and product selection based on business requirements
- Network planning/analysis and management
- Pre and post launch testing
- Data collection, analysis and recommendation
- Service assurance

SUPERIOR NETWORK PERFORMANCE AND RELIABILITY

Splash Page (Captive Portal): Enterprises rely on seamless access to Splash page for their corporate branding & marketing, web authentication, personalization of various services based on office locations. Spirent experts help test accessibility to Splash page, including web-authentication for mass scale.

Coverage and Performance: Office locations whether it be central headquarters to remote satellite office buildings are notorious for dampening cellular signals especially when end users roam between floors, or from a window to a hallway. Testing WLAN access points can help eliminate dead spots and connectivity issues.

Enterprise Authentication/Security: Information security is vital to any Enterprise. Industry-standard bodies such as Wi-Fi Alliance are now supporting enhanced security protocols such as WPA3-Enterprise (mandatory with Wi-Fi 6 certified products). Spirent test methodologies cover security protocols not only for the latest Wi-Fi products, but also for legacy products (Wi-Fi 5/4).

IoT Connectivity: Enterprise IT is always pressed for adding more network overlays indoor to accommodate device connectivity whether it be surveillance cameras, sensors, AR/VR headsets, etc. Spirent experts help test each access point that in turn connect dozens or even hundreds of IoT devices, that can cause wide-ranging performance and latency issues.

HOW SPIRENT CAN HELP

Spirent services and solutions enable you to Design, Develop, and Deploy next generation Wi-Fi networks with proven expertise and practical guidance ensuring success.

To learn more visit: www.spirent.com/wifi

