

PROACTIVE WI-FI EXPERIENCE MONITORING IS FINALLY HERE

If you are like most MSP organizations, then you need systems that monitor Wi-Fi service to ensure it's adhering to service level agreements, or risk contractual penalties. As a result, it's time to stop chasing down Wi-Fi issues with tools and it's time to start managing it centrally and proactively.

As the Wi-Fi Performance Company, our mission is to help you identify issues before they result in a phone call, trouble ticket or truck roll. Our discrete and continuous Wi-Fi monitoring measures the quality of Wi-Fi experiences from the end-user's point of view on every device, in every location, all the time.

Value to Your Organization

Rather than a set of tools that find and fix Wi-Fi issues at a point in time, 7SIGNAL provides a comprehensive system for continually monitoring the performance of Wi-Fi networks across your diverse customer base.

API integration to market leading monitoring systems puts 7SIGNAL Wi-Fi performance alerts into existing triaging workflows.

With alerts and notifications indicating poor performance, MSPs can address Wi-Fi issues proactively. In addition, they can avoid those "drop-everything" moments when connectivity and throughput disrupt productivity.

Products

Patented Wi-Fi sensors called Sapphire Eyes™ use software as a service to benchmark the performance of locations with around-the-clock user experience testing and passive scanning of the 2.4 and 5 GHz frequency bands.

Sapphire Eye Capabilities

Active Tests	Throughput, packet loss, latency and jitter, radio association, authentication, IP and DNS services
Passive Tests	Beacon availability, airtime utilization, channel utilization, data rate utilization, spectrum analysis, packet capture
APs Measured	<ul style="list-style-type: none"> Sapphire Eye 2100, 4 to 8 APs based on signal strength Sapphire Eye 500, 1 to 3 APs based on signal strength
Radio Specs	802.11ac 3x3:3

7SIGNAL's Mobile Eye™ software crowdsources Wi-Fi performance data at pre-defined intervals from wireless devices on the network. Smartphones, tablets and laptops running Windows, macOS, iOS and Android operating systems execute discrete Wi-Fi performance tests in the background against test endpoints you strategically place in your environment, at a periodic interval you define.



WHY 7SIGNAL

- Increase uptime by ensuring customers and people are connected
- Alerts allow you correct issues before customers notice or complain
- Quickly identify if performance issues are Wi-Fi related or not
- Expand your visibility in production processes to increase uptime
- Provides SLA compliance reporting to customers
- Performance testing is discrete, at pre-defined intervals

How It's Different

Unlike your Wireless LAN vendor, 7SIGNAL provides visibility of the Wi-Fi experience from the end-user's point of view. 7SIGNAL software "lives on the edge", on client devices, where the wireless experience matters most.