

A BIRDSEYE VIEW INTO THE HEALTH OF YOUR WI-FI NETWORK

PRODUCT OVERVIEW SAPPHIRE EYEQ

Instead of chasing down issues with tools and reacting to complaints, 7SIGNAL's Sapphire EyeQ™ interface brings Wi-Fi performance data to you, from every corner of your organization.

EyeQ reports data from Sapphire Eyes™ which are high-performance clients and Wi-Fi sensors you put on your network. They attach to your Wi-Fi network, authenticate, and get an IP address – just like a client. Next, they perform active tests 24 hours a day, seven days a week, simulating client behavior. With alerts and notifications indicating poor performance, Sapphire EyeQ™ instantly tells you where network performance problems exist.

Finally, IT professionals can address Wi-Fi issues proactively, avoiding those “drop-everything” moments when connectivity and throughput disrupt productivity.

Four Macro-KPIs Answer Four Big Questions

When you log into Sapphire EyeQ, you see four easy to understand key performance indicators (KPIs) that instantly tell you where and what kind of network performance problems exist in your environment.

Connectivity	Can users connect to your Wi-Fi network? 7SIGNAL continually monitors access point beacon availability, as well as radio attach time and success rate. Get instantly notified of connectivity issues with emails and SNMP traps.
Authentication	Can users authenticate to your network? 7SIGNAL can test 15 different fifteen different authentication methods, including captive portal and will also alert you if your RADIUS server becomes slow to respond or unreachable.
IP and DNS Services	Can users get an IP address? You may have exhausted your supply of addresses, or perhaps your DHCP server is unreachable – either way, 7SIGNAL lets you know instantly.
Quality	Once on the Wi-Fi network, what is the quality of experience? With continuous throughput, packet loss, latency and jitter testing, 7SIGNAL will notify you when user's devices slip out of service-level compliance.



WHY 7SIGNAL

- Get system-wide visibility of Wi-Fi experiences
- 24x7 Wi-Fi network benchmarking and service level compliance alerting
- Easily monitor Wi-Fi network performance in remote locations
- Performance testing is continuous and 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.

