

**7 SIGNAL**  
WIRELESS BUSINESSGUARD



- › *Measure and Track end-to-end WLAN performance*
- › *WLAN environment survey*
- › *Verification and troubleshooting*
- › *Reduce Operational Costs*



# YOU CAN ONLY IMPROVE THINGS THAT YOU CAN MEASURE!

7signal develops and provides Wireless Quality Advancement (WQA) solutions. 7signal Site Miner is a ready-to-go WLAN verification and troubleshooting tool, which is rapidly deployable to any problem area in your network.

With the 7signal Site Miner network administrators can monitor and get reports on end-user quality in the wireless environment and in end-to-end connections. The traditionally time-consuming network analysis and data measurement operations are easily automated with the 7signal Site Miner.

## Solution overview – We put an Eye on Your business

### Site Miner Eye

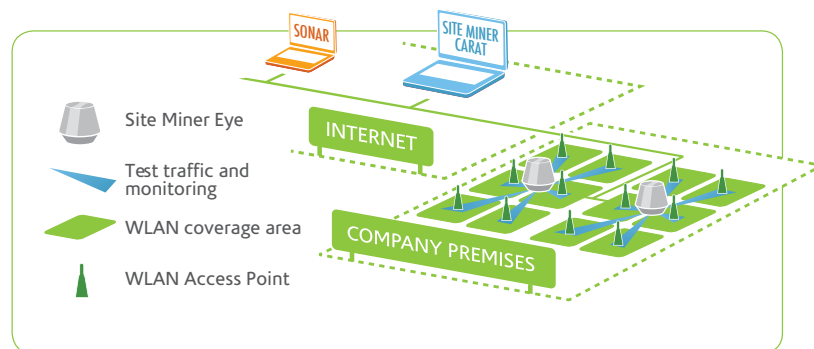
Specially developed and designed WLAN monitoring agent, with powerful sector antennas and spectrum analyzer

### Site Miner Carat

Revolutionary graphical reporting tool and an administrative user interface for WLAN site mining

### Sonar

Application performance (such as web, e-mail, ERP, WMS, and others) is tested against the Sonar server



7signal Site Miner is installed either completely in the monitored network or deployed remotely to trouble sites.

## 7signal Site Miner – Your Wireless Businessguard

- **Automatically collects** quality results
- **Monitors** performance from the end-users to the servers
- **Alerts** to any problems
- **Reports** on application usability in the network, from traditional data transfer to modern voice applications
- **Runs** application test traffic to chosen access points
- **Scans** the radio environment and finds interference sources and their effect on the network
- **Analyzes** peak traffic, problematic devices and radio-channel quality
- **Offers** an easy to use and informative user interface, providing result overviews as well as detailed, deep analysis of the network performance



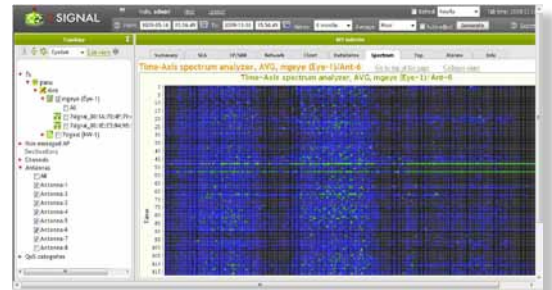
Monitoring WLAN quality is simple and easy with 7signal Site Miner's traffic-light colouring.

# Use cases – Bring Your WLAN to a business critical level!

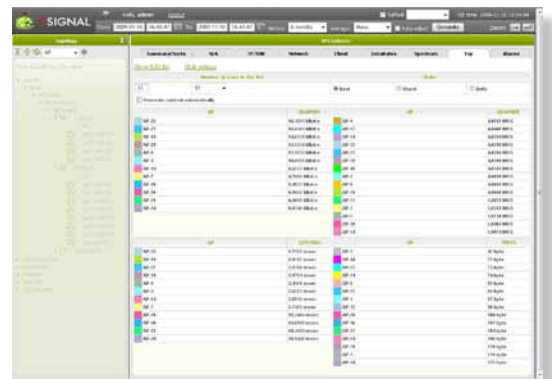
## Typical cases include:

- **Network environment survey:**  
Supports WLAN deployment and installation, where access point interference, location and quality certification are needed.
- **Network optimization:**  
Quality and efficiency of operational networks can be optimized.
- **Network troubleshooting:**  
When networks are suspected or known to have sporadic or continuous quality issues.
- **Post-installation verification:**  
Ensures that WLAN coverage and quality are sufficient for the end-user device requirements.

7signal Site Miner is intended as a tool for WLAN administrators and system integrators. Data can be measured and analyzed concurrently, or left in stand-alone mode to record data automatically for posterior analysis. The 7signal Site Miner database contains all historical measurement data.



*7signal Site Miner offers an ultimate way to analyze WLANs: colour-coded overviews show the problem areas in the network quickly.*



*Data can be drilled down with, e.g. spectrum analysis, end-user device service level measurements, application service level measurements, or following IP retrieval and latency times.*

## 7signal Site Miner – A ready-to-go troubleshooting tool

### 7signal Site Miner includes the following<sup>1</sup>:

- Site Miner Eye monitoring stations (2 pcs).
- Laptop with pre-installed Site Miner Carat server software.
- Mini-laptop with pre-installed Sonar software.
- Site Miner Carat and Sonar software installation disks.
- Portable hard case (IP 67).
- Cables and chargers.

*7signal Site Miner is delivered in a professional hard case with all the necessary equipment and accessories for installation in any environment.*



<sup>1</sup>Subject to change without notice.

## Your Benefits - We solve Your WLAN problem!

### Business cost savings

- Maximize existing WLAN performance without buying new infrastructure
- Reduce OPEX through reduced downtime
- Increased ROI for WLAN applications

### Easier operation and management

- Measure WLAN usability from end-user's perspective
- Vendor independent solution covering multiple access points



## 7signal Ltd – We mean Wireless Business!

Visit [www.7signal.com](http://www.7signal.com). Contact us directly via Email at [info@7signal.com](mailto:info@7signal.com) or Phone +358 40 777 7611



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2009

7signal Ltd was awarded Red Herring Top 100 Global Company in 2009

## References - Our solution will seriously help Your business!

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