Diagnose & Optimize

Recommended for enterprise or mission-critical Wi-Fi network deployments, the Diagnose & Optimize toolkit from MetaGeek helps you defeat connectivity and interference issues once and for all.

Chanalyzer + Wi-Spy is a spectrum analysis software and hardware combo that helps you **diagnose Wi-Fi issues at the RF layer** by scanning the 2.4 and 5 GHz spectrums for interference and optimal channel placement.

Eye P.A. is a packet visualization software that helps you **optimize your throughput** by analyzing Wi-Fi traffic channel-by-channel, so you can solve network configuration problems at the packet layer.

Diagnose & Optimize Toolkit
(virtual bundle number: KIT-DIAG-OPTIM)

PART NUMBERS IN THIS KIT: 2450x3v, SFW-CHAN-R, DEVFINDER-24, SFW-EYEPA-001, AIRPCAP NX-001

2450x3v MSRP $500		Wi-Spy DBx (hardware)	Wi-Spy might fit in your pocket, but this portable USB spectrum analyzer is loaded with big-time performance. Its high resolution, external antenna and enhanced amplitude range make it easy for you to identify interference in the 2.4 GHz or 5 GHz bands.
SFW-CHAN-R MSRP $500		Chanalyzer (software)	Locate non-Wi-Fi interferers in the 2.4/5GHz bands, measure RF spectrum channel utilization, and find the best channel for deployment of dual-band Wi-Fi networks.
		Report Builder (software accessory)	Report Builder is a fast, simple way to explain and document RF interference and congestion issues, then export your findings to PDF.
DEVFINDER-24 MSRP $150		Device Finder Antenna (hardware accessory)	Device Finder is a purpose-built directional antenna for Wi-Spy that quickly tracks down transmitting devices in the 2.4 GHz spectrum.
SFW-EYEPA-001 MSRP $499		Eye P.A. (software)	Eye P.A. allows you to see a picture of how your channel is being used, packet-by-packet. With just a glance you can get an idea of the total utilization of air time, packets sent, and bytes present in your capture, so you can optimize your network settings.
AIRPCAP NX-001 MSRP $700		AirPcap Nx (hardware)	AirPcap Nx is a 2×2 MIMO device that allows you to record 802.11a/b/g/n packet captures in both the 2.4 and 5 GHz bands. Capture packets using Nx, then open your captures in Eye P.A.