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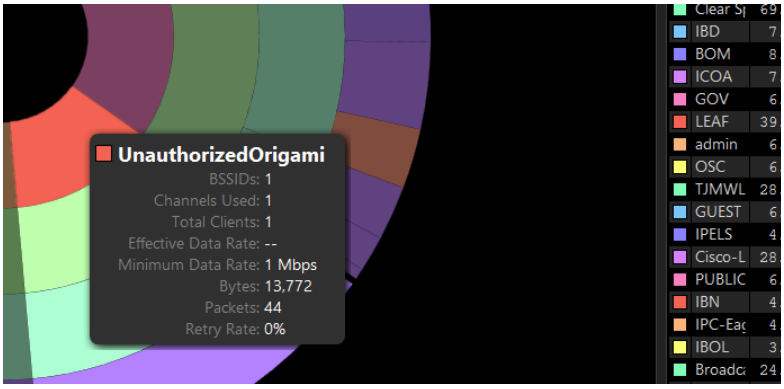
Eye P.A.

Visual Packet Analysis

There's a lot more slowing down your Wi-Fi traffic than you may realize. Eye P.A. is an 802.11 troubleshooting tool that looks at all of the conversations on a Wi-Fi channel - even the traffic that isn't yours. This type of visual packet analysis shows you the congestion caused by the neighboring networks that share your channel.



Measure Wi-Fi Retransmissions

High levels of BSSID and Client retransmissions eat up airtime, causing network slowdowns. Eye P.A. crunches through a Wi-Fi capture to put the retransmission levels of a network right at your fingertips. Select the BSSIDs you'd like to analyze and Eye P.A. will do the work for you. Using the MAC address, it will automatically call out each client's conversation with a high percentage of retransmissions. At times, retransmissions from other networks may affect your performance. Eye P.A.'s multi-layered pie charts help you visualize every top talker on a channel, along with their data rate and retransmission, so you can identify and mitigate trouble spots.

Discover Legacy Data Rates

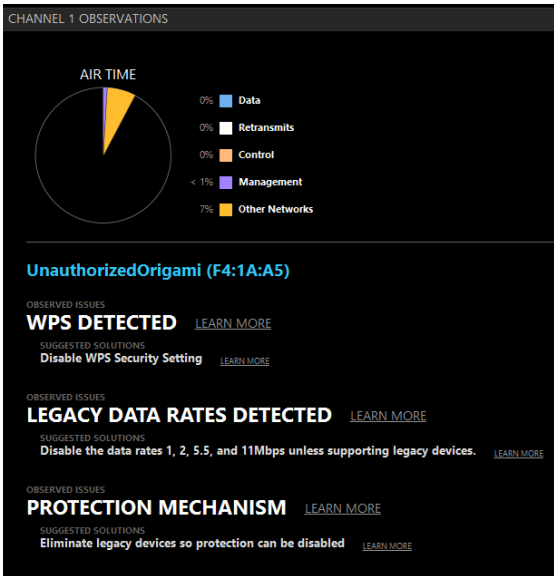
Legacy 802.11 devices in the environment require a significant amount of extra overhead. This can reduce your network's available bandwidth on a channel. Eye P.A.'s analysis engine makes it easy to discover legacy devices on the wireless network. If there aren't legacy devices on the network but legacy device support is enabled, Eye P.A. will alert you so you can reduce unnecessary overhead and improve the performance of the Wi-Fi.

Filter Faster

Eye P.A. features a powerful filtering engine that allows you to display only the information you're most interested in. Filterable data (like SSID, MAC address, and Sub-Frame Types) help you track roaming events or isolate traffic from a specific Wi-Fi device. Or, improve the granularity of your capture and focus on important events by adjusting the timespan. The filters you apply will propagate throughout the rest of the application, and all graphs and tables will reflect your filters. Eye P.A.'s filtering engine is considerably faster than that used by WireShark, which means you'll get the job done quicker.

Get Expert Advice for your Wi-Fi

In the Analyze tab, you'll find tips and fixes for common problems. You will be alerted to the use of a non-standard channel, legacy data rates and devices, and the presence of protection mechanisms, all of which are common culprits in reduced network performance. In addition, Eye P.A. will let you know if the network you're optimizing is properly secured.



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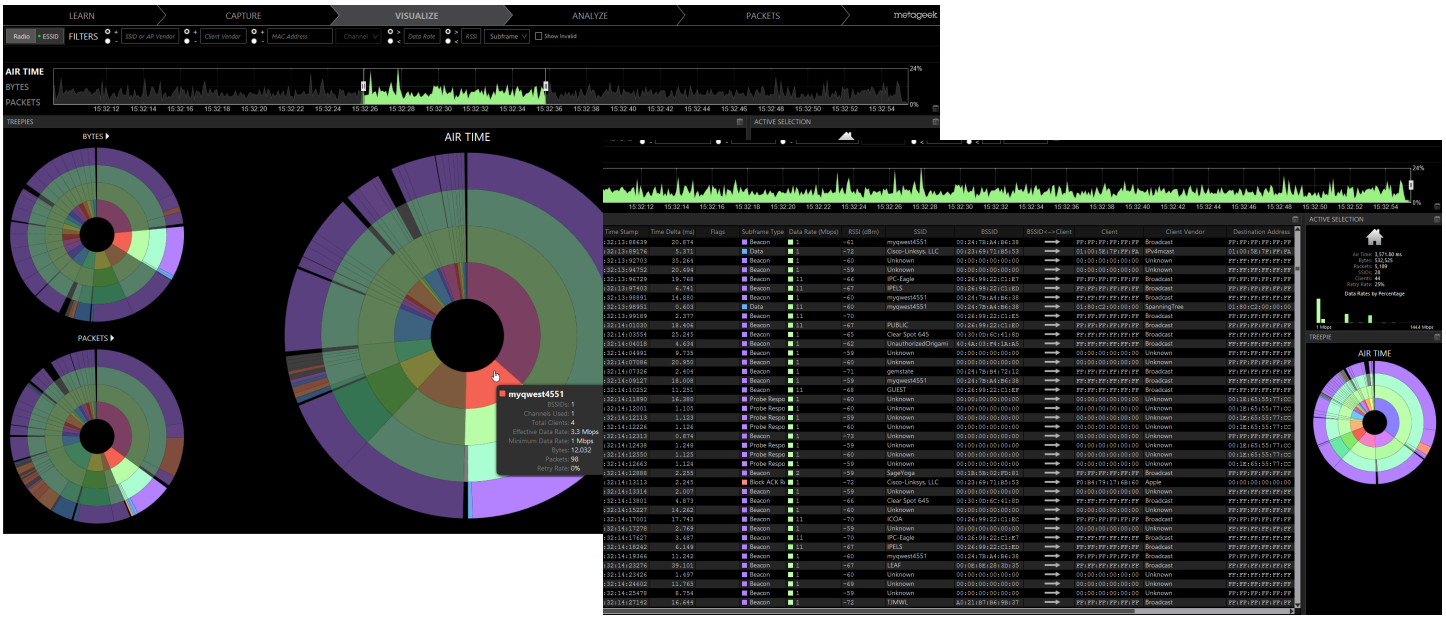
Get Network Visibility

Eye P.A. provides a visual breakdown of who and what is eating up your channel bandwidth.

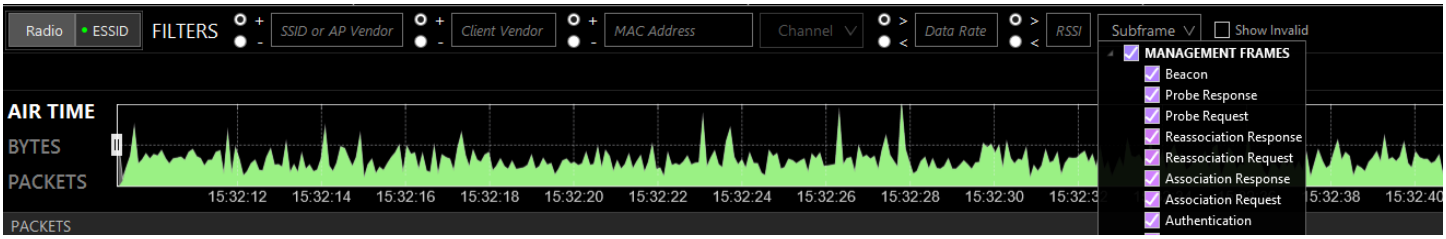


Eye P.A. is a tool that helps you:

- Measure WLAN network retransmission
- Identify “slow talkers” on your wireless network
- Optimize your Wi-Fi settings
- Improve overall network throughput and capacity

Use Eye P.A. With:

- AirPcap Nx for Direct Capture
- WireShark .pcap, .wcap, and .pcap-ng files
- WildPackets Omnipeek .pkt and .apc files
- Microsoft Network Monitor .cap files



MetaCare Assurance Plan

The MetaCare Assurance Plan entitles you to obtain and legally install future software updates for MetaGeek software during the period the plan is in effect. Updates range from bug fixes and minor feature updates to major enhancements.

For more information about MetaCare Assurance Plan, visit **www.metageek.com/metacare**

Technical Requirements

OPERATING SYSTEM: Microsoft® Windows 10, 8, 7, Vista
Mac OS X VIRTUALIZATION: VMware Fusion, Parallels
MINIMUM REQUIREMENTS: 1024 x 600, 4 GB RAM, .NET 3.5, 1 USB port
FRAMEWORK: Microsoft .NET 4, WinPcap
DIRECT CAPTURE: AirPcap Nx, AirPcap Classic