Ekahau Capture™

Intelligent Troubleshooting for Wi-Fi Projects

Empowering Team Members

Keeping today's overburdened networks secure, predictable, and healthy continues to put a substantial amount of responsibility on the limited number of Wi-Fi experts in the industry. In tomorrow's world, leveraging tools that empower team members to help alleviate the workload of the skilled professional will result in better performing Wi-Fi networks.

Even Non-Experts Can Easily Perform A Packet Capture

With Ekahau Capture you no longer have to invest in dedicated and expensive equipment or fallback on complex and unreliable methods to perform packet capture. It's now easy for anyone to quickly capture Wi-Fi packets with Ekahau Sidekick hardware in order to detect complex problems.

Now you can collect the data you need to conduct advanced troubleshooting and in-depth analysis of tough to diagnose Wi-Fi problems — without waiting for a Wi-Fi expert. Ekahau Capture makes it possible for anyone to quickly capture Wi-Fi packets using Ekahau Sidekick hardware in order to detect complex problems. For example, a simultaneous dual-channel packet capture diagnoses difficult problems, such as roaming between APs.

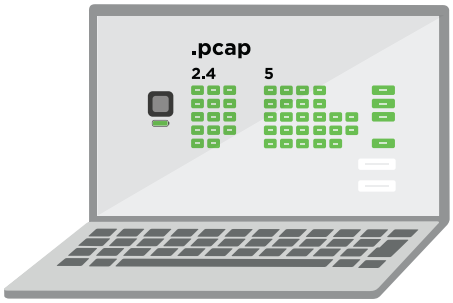
Resolving most Wi-Fi tasks, from design work to surveying to troubleshooting, often falls squarely on the shoulder of the sole resident expert.

With Ekahau Capture, instead of the Wi-Fi expert traveling site to site addressing problems, junior engineers can conduct on-site surveys and capture Wi-Fi traffic for analysis and validation right on the spot.. The trusted Wi-Fi expert can then access the data to perform analysis and inform the engineer on-site of the required resolution. The expert can then concentrate on more advanced work – such as designing new networks, optimizing existing ones, and performing advanced troubleshooting — instead of traveling to every problematic Wi-Fi site.

Ekahau Capture

Manage More Projects Profitably

Using expensive Wi-Fi engineering resources to handle all aspects of Wi-Fi design, optimization and troubleshooting means projects are less profitable and less projects can be managed. Ekahau Capture™ stores Wi-Fi packets using two radios simultaneously and saves them in .pcap format. Any packet analyzer (sold separately) can read .pacp format, allowing you to resolve connectivity issues, roaming issues, garbled audio, dropped calls and Wi-Fi driver issues quickly. This allows you to capture Wi-Fi traffic for analysis and validation right where the problem is and provides swift resolution so the Wi-Fi expert can serve more customers efficiently and profitably.



Packet Capture Made Easy with Ekahau Capture and Ekahau Sidekick

Easily collect the data you need to conduct advanced troubleshooting and in-depth analysis of tough to diagnose Wi-Fi problems. Ekahau Capture makes it possible for anyone to quickly capture Wi-Fi packets using Ekahau Sidekick.

Keep Your Network Safe

Identify security threats such as mis-configured WI-Fi security settings, exposed network or user information, unencrypted traffic, denial of Service (DoS) attacks.

Two is More Than One

Leverage both Wi-Fi radios in Ekahau Sidekick to capture on two Wi-Fi channels simultaneously so packets aren't missed while devices roam between two access points. Or, capture on 2.4 and 5 GHz simultaneously.

Compatible with Ekahau Sidekick

All-in-one Wi-Fi diagnostics and measurement device for site surveys and spectrum analysis. Ekahau Sidekick sold separately.

Compatible with 3rd Party Tools

Ekahau Capture saves packets in the industry standard .pcap format. Use any packet analyzer (sold separately) to resolve connectivity issues, Froaming issues, garbled audio, dropped calls and Wi-Fi driver issues.

Features

- Capture 802.11/a/b/g/n/ac frames
- Perform captures on a single channel or on multiple channels
- Save captures in PCAP format for analysis using third party tools

Optimize Wi-Fi Networks Performance

- Analyze and optimize Wi-Fi network performance
  - Determine causes of high channel utilization.
- Calculate Wi-Fi traffic statistics
  - Retry rates, average data rate, and frame type distribution
- Troubleshoot misbehaving Wi-Fi devices
  - Driver issues,malfunctioning hardware, Wi-Fi compatibility issues, misconfigured settings, identify device limitations

Specifications

- Operating System:
  - Windows 7, 8 or 10 (64bit)
  - macOS 10.10 or later
- Processor: 1.5+GHz
- Memory: 2+ GB RAM
- Hard disk space: at least 1GB required
- *Ekahau Sidekick Required

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WIRELESS DESIGN