

Ekahau AI Pro

Wireless Network Design

- ✔ Expert AI-driven access point placement and network optimization
- ✔ Automated wall detection from CAD floor plans
- ✔ Coverage and capacity requirements with custom or predefined best practice inputs
- ✔ Set multiple requirement areas within the same floor
- ✔ 22 predefined wall types or add your own custom wall types

Predictive Design Support for the Latest Wi-Fi Standards and All Wi-Fi Vendors

- ✔ Supports legacy and modern Wi-Fi standards, including Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax in 6GHz), and 802.11a/b/g/n/ac
- ✔ Simulated tri-band visualizations for 2.4 GHz, 5 GHz and 6 GHz radios
- ✔ Includes 4000+ Wi-Fi access points and antennas from all vendors
- ✔ Cisco Integration: Cisco DNAc & Prime Import / Export, BLE planning, Cisco AP name detection, Multi-SSID detection, Multi-radio detection

Site Surveys

- ✔ Passive and active surveys
- ✔ Throughput (iPerf) surveys
- ✔ Spectrum surveys*
- ✔ Multi-adapter support
- ✔ Add and review image and text notes

Inspect & Troubleshoot

- ✔ Inspect collected and simulated data with 26 heatmap visualization
- ✔ Real Time Frequency Monitoring
- ✔ All-in-one troubleshooter:
 - + Passive Wi-Fi measurements
 - + Active Wi-Fi tests
 - + Spectrum analysis*
- ✔ Display access point and channel configurations to reveal common interference issues
- ✔ Identify coverage issues, interference problems, Wi-Fi equipment failures, misconfigurations, roaming problems, and more
- ✔ Capacity troubleshooting
- ✔ VoIP, video, RTLS: Wi-Fi issues per application

Analysis / Reports

- ✔ Clear visualizations:
 - + Signal strength, SNR
 - + Secondary & tertiary coverage
 - + Noise / interference
 - + Channel interference
 - + Data rate, overlap
 - + Roaming, RTT, packet loss
 - + Network health analysis
 - + Capacity analysis
 - + Spectrum channel power / utilization
- ✔ Locate access points with visual pings
- ✔ Locate non-Wi-Fi interfering devices
- ✔ Generate easy-to-interpret reports for your entire Wi-Fi project with a single click or create fully customized template-based reports

Use with Ekahau Sidekick 2 & the Connect Suite

- ✔ Provide fast and accurate on-site surveys as well as simultaneous spectrum analysis
- ✔ Easy to use mobile apps for surveying and analyzing network health
- ✔ Automatic interference detection used to identify and locate the exact source causing Wi-Fi problems
- ✔ Wi-Fi performance analytics with browser-based heatmap view and guest sharing

System Requirements

- ✔ Supported Operating Systems:
 - + Windows 11 (64bit)
 - + Windows 10 (64bit)
 - + Windows 8 (64bit)
 - + Windows 7 (64bit)
 - + Mac OS 10.11 -12 (El Capitan – Monterey)
 - + Processor: 1.5+GHz, multi-core recommended
 - + Memory: 4+ GB RAM, 8GB RAM recommended, 16GB+ RAM recommended for very large projects
 - + Hard disk space: 1GB required
- ✔ Supported Files:
 - + CAD: DWG/DXF
 - + PDF
 - + Vector: SVG
 - + Bitmap: BMP/GIF/JPEG/PNG
- ✔ * Some features require Sidekick 2 spectrum analyzer

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WIRELESS DESIGN