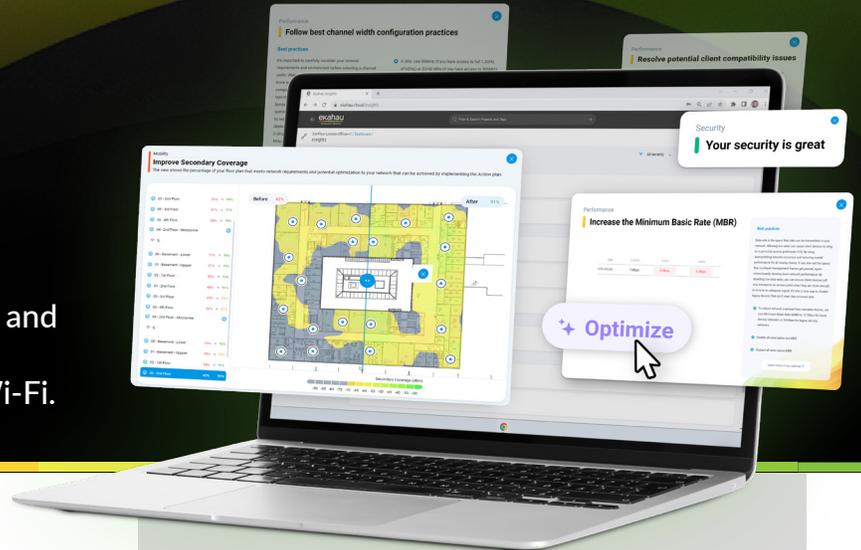


Ekahau Optimizer

Automatically detect configuration issues and simplify ongoing maintenance with easy, step-by-step action plans for improved Wi-Fi.



Optimize Your Network in Seconds with Ekahau Optimizer

Just go for a walk with the Sidekick 2 to uncover actionable insights that you can deploy today. Each recommended improvement walks you through an overview of the configuration and provides simple, step-by-step action plans to optimize your network. With Optimizer, problems that used to require mass amounts of time and expertise to identify are uncovered and addressed with lightning speed.

Easy At-a-Glance Network Health Indicators

Get an easy-to-understand breakdown of your network health diagnosing the coverage, performance, mobility, security and spectrum health of your network. The output is a dashboard of green = good, yellow = needs improvement and red = serious issue, and each one walks you through the exact steps to optimize your Wi-Fi network.

Simulate Performance Improvements with Before/After Heatmaps

Review before-and-after heatmap* changes to see your recommended optimizations in action. See how simple fixes like adjusting TX power and reducing channel interference can have a meaningful impact on your network performance.

Review and Export Detailed Action Plans

Get powerful optimizations personalized to your unique network down to the individual radio settings in each of your access points. Optimization action plans* can be viewed in the browser or exported to PDF to share with colleagues or customers.

Key Features

- Simple and easy to navigate browser interface
- Turn Sidekick or Sidekick 2 Wi-Fi data into easy optimizations that instantly improve your wireless performance and security
- Detect difficult-to-see configuration issues that can be fixed in seconds
- Simulate your post-optimization network prior to implementation with clear before-and-after heatmap visualizations*
- View in-depth optimization action plans in your browser or export results to PDF*
- Collaborate on projects by collecting survey data onsite and analyzing results from anywhere
- Deploy changes directly to your network via integration to supported network controllers**

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Network Health Indicators

Coverage

- ✔ Primary Coverage
 - + Identify areas with potentially down access points
 - + Adjust radio transmitting power levels
- ✔ Signal To Noise Ratio (SNR)
 - + Identify areas with low primary coverage
 - + Suggest removing identified interfering devices

Performance

- ✔ Minimum Basic Rates (MBR)
 - + Increase MBR if currently too low
 - + SSIDs Configuration
 - + Split multi-band SSIDs to single-band SSIDs
- ✔ Channel Width
 - + Set mixed channel widths of all radios on a specific band to use single channel width
- ✔ Client Compatibility
 - + Highlight if Management Frames Protection (MFP) is enabled on 2.4GHz and 5GHz bands

Mobility

- ✔ Secondary Coverage
 - + Identify areas with potentially down access points
 - + Adjust radio transmitting power levels

Security

- ✔ Rogue Devices
 - + Identify areas with interfering devices
- ✔ Encryption
 - + Highlight SSIDs with weak encryption
 - + Suggest stronger encryption suits

Spectrum

- ✔ Channel Interference
 - + Identify areas with high channel interference
 - + Reduce channel width

Access Point Configuration Changes

- ✔ Channel plans
- ✔ TX power levels
- ✔ Radios on/off recommendations
- ✔ Channel widths

Network Configuration Changes

- ✔ SSID configurations
- ✔ MFP configurations
- ✔ Minimum Basic Rates
- ✔ Encryption levels

Other Changes

- ✔ Interfering devices by location and transmitted SSIDs

System & Solution Requirements

- ✔ Latest version of Chrome, Firefox, Safari, or Edge web browsers. Chrome is recommended for the best experience.
- ✔ Ekahau Connect Subscription
- ✔ Ekahau Sidekick 2 recommended

*Some features only available with Sidekick 2 survey data
**Meraki Dashboard network controller only



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