



Proactive WiFi Troubleshooting and Optimization

CPE Base Performance KPIs: WiFi Radio and Clients' Metrics

AXWIFI is a carrier-grade WiFi Expert System for predictive and proactive troubleshooting and optimization of 2.4 GHz and 5 GHz bands, enhancing WiFi Quality of Experience (QoE) in homes and businesses. It offers tools for signal strength testing, channel analysis, troubleshooting, and managing WiFi passwords and user permissions, helping network administrators optimize wireless network performance efficiently.



Proactive Troubleshooting Actions



Network Topology Visualization



In-stream WiFi Optimization



Dashboards for CPE Base Insights



Standard-Based Connection Towards CPEs



No Device Vendor Lockdown



Customer Support Portal: WiFi Neighbors and Interference Insights

Standard-based CPE WiFi QoS Solution for Predictive and Proactive Enhancement of SoHo WiFi Networks, Leveraging TR-069, USP/TR-369, and SNMP Protocols

Flexible Dashboards: WiFi Transferred Data Insights



How Can AXWIFI Help WiFi Environment Challenges

The wireless environment is heavily congested by plenty of other WiFi access points nearby, causing unwanted interference. End-customers and Service Providers are in a constant hunt for the best WiFi performance and coverage while decreasing the WiFi support calls and increasing the customers' loyalty.

WiFi Interference	Home Environment Network Setup
AXWIFI is constantly looking for the best WiFi operating channel and bandwidth with the lowest interference to achieve the maximal link rates with less disruptions	Easy to navigate AXWIFI home network topology for faster understanding of connected clients without the end-customer description
No CPE Base Insights	Long and Multiple Support Calls
Aggregated CPE base view and dashboards on the AXWIFI's optimization and troubleshooting results, reports and WiFi device upsell possibilities	AXWIFI Customer Support Portal with on-spot WiFi troubleshooting overview and the next best step solutions for shortened support calls

AXWIFI in Numbers

> 85%	~ 99%	> 40%	5-10%	~ 25%
Devices can be improved with WiFi optimization	Low WiFi quality devices can be significantly improved	WiFi related issues can be mitigated proactively	Devices do not have sufficient WiFi coverage	Shorter WiFi-related support calls