



AutoNet WiFi

Transforming Network Intelligence



Autonet WiFi is a smart, cloud-driven Wi-Fi intelligence and analytics solution designed to deliver reliable, high-performance internet experiences at scale. Built for enterprises and service providers, it continuously monitors network performance, user experience, and device health—transforming raw Wi-Fi data into actionable insights.

By combining real-time visibility, automated analytics, and proactive optimization, Autonet WiFi ensures seamless connectivity, reduced service disruptions, and a consistently superior Quality of Experience (QoE).

Why Autonet WiFi

- Improve customer Wi-Fi experience proactively
- Reduce support calls and operational costs
- Gain real-time visibility across networks and devices
- Accelerate troubleshooting and issue resolution
- Enable data-driven decision making
- Support sustainability and efficiency goals

Key Features

- **Real-Time QoE Monitoring**
Continuous tracking of Wi-Fi experience across devices, bands, and regions.
- **Proactive Issue Detection**
Identifies degradation and anomalies before customers are impacted.
- **Network & Device Intelligence**
Deep insights into signal strength, interference, bandwidth usage, and failures.
- **Centralized Visibility**
Unified dashboards for networks, devices, tickets, and analytics.
- **Scalable Cloud Architecture**
Designed for large-scale deployments across cities and regions.
- **Sustainability & Cost Insights**
Converts operational efficiency into measurable savings and carbon impact.

Inside Autonet WiFi

- **QoE Overview**
Real-time customer experience
- **Network Overview**
End-to-end Wi-Fi health
- **Ticket Overview**
Support insights & trends
- **Digital Twin**
Deep device visibility
- **Canvas**
Custom analytics & visual insights
- **EcoNet**
Savings, carbon impact & forecasts

How Autonet WiFi Works

- **Monitor**
Continuously captures real-time Wi-Fi performance, device health, and user experience data
- **Analyze**
Processes raw telemetry into clear QoE metrics, network insights, and issue indicators
- **Optimize**
Proactively identifies problems, speeds up troubleshooting, and improves network performance
- **Measure Impact**
Quantifies operational savings, efficiency gains, and sustainability results over time

Autonet WiFi – Product Overview

Real-time visibility across experience, network, devices, operations, and sustainability.



QoE Overview

The QoE Overview provides a real-time snapshot of customer Wi-Fi experience across the network.

Key insights include:

- Band-wise QoE for 2.4 GHz and 5 GHz
- Identification of devices with poor or degraded performance
- Geographic distribution of Wi-Fi quality
- Early warning indicators to prevent customer complaints

Value: Helps teams understand what customers are experiencing—instantly and accurately.



Ticket Overview

The Ticket Overview connects network performance with customer support operations.

Key insights include:

- Ticket volumes by region, category, and plan
- Resolution time tracking
- Root-cause classification of Wi-Fi issues

Value: Enables quick assessment of stability, congestion, and interference.



Network Overview

The Network Overview offers a holistic view of overall Wi-Fi network health.

Key insights include:

- Overall network QoE score
- Active routers, extenders, and controllers
- Core Wi-Fi KPIs such as RSSI, SNR, packet loss, and retries
- Performance trends and network anomalies

Value: Helps reduce repeat complaints, optimize support workflows, and improve customer satisfaction.



List of Devices

This page provides detailed visibility into every deployed device.

Key insights include:

- Device-level QoE and signal metrics
- Connected client count and usage patterns
- Historical performance and uptime
- Work order and ticket history

Value: Enables fast, accurate, and remote troubleshooting.

Information for given date range: September 1-30, 2025

Device ID	City	No. of Connected	Mean RSSI (2.4 GHz)	Mean RSSI (5.2 GHz)	Mean SNR (2.4 GHz)	Mean SNR (5.2 GHz)	Download Rate (Mbps)	Uplink	Ticket Count	History
27032067879	Santiago	5	-70 dBm	-70 dBm	25 dB	25 dB	0.3%	3	4	Tickets Actions
27032067879	Valparaiso	4	-54 dBm	-54 dBm	34 dB	34 dB	0.1%	4	4	Tickets Actions
27032067879	Santiago	1	-42 dBm	-42 dBm	43 dB	43 dB	0.2%	1	1	Tickets Actions
27032067879	Villa del Mar	3	-52 dBm	-52 dBm	23 dB	23 dB	0.5%	3	3	Tickets Actions
27032067879	La Serena	2	-52 dBm	-52 dBm	40 dB	40 dB	1%	2	2	Tickets Actions
27032067879	Valparaiso	4	-52 dBm	-52 dBm	34 dB	34 dB	0.2%	4	4	Tickets Actions
27032067879	Concepcion	1	-70 dBm	-70 dBm	27 dB	27 dB	0.4%	1	1	Tickets Actions
27032067879	Santiago	6	-38 dBm	-38 dBm	44 dB	44 dB	0%	4	4	Tickets Actions
27032067879	Valparaiso	2	-55 dBm	-55 dBm	25 dB	25 dB	0.3%	2	2	Tickets Actions
27032067879	Villa del Mar	3	-42 dBm	-42 dBm	34 dB	34 dB	0.2%	3	3	Tickets Actions
27032067879	Santiago	1	-52 dBm	-52 dBm	30 dB	30 dB	0.8%	1	1	Tickets Actions
27032067879	La Serena	3	-55 dBm	-55 dBm	46 dB	46 dB	0.3%	3	3	Tickets Actions
27032067879	Concepcion	2	-68 dBm	-68 dBm	26 dB	26 dB	0.2%	2	2	Tickets Actions
27032067879	Villa del Mar	1	-72 dBm	-72 dBm	41 dB	41 dB	0.1%	1	1	Tickets Actions
27032067879	Valparaiso	4	-54 dBm	-54 dBm	34 dB	34 dB	0.3%	4	4	Tickets Actions
27032067879	Santiago	2	-45 dBm	-45 dBm	34 dB	34 dB	0.2%	2	2	Tickets Actions

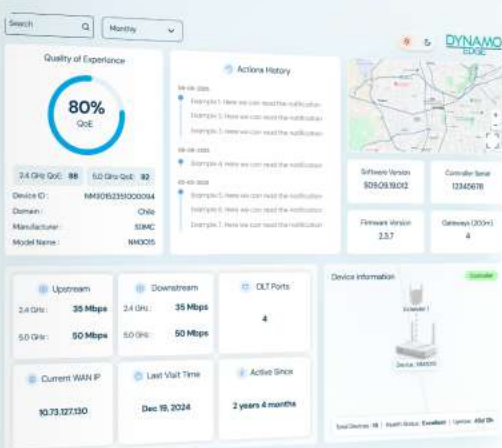
Digital Twin

Digital Twin creates a virtual representation of each deployed device.

Key insights include:

- Real-time and historical performance data
- Band and channel changes
- WAN and LAN details
- Software version and uptime tracking

Value: Reduces field visits and enables advanced remote diagnostics.



Canvas

Canvas enables flexible, no-code analytics and visualization.

Key insights include:

- Custom dashboards and charts
- Filters by time, region, device, band, and category
- Trend and comparative analysis across metrics

Value: Empowers teams to explore data and uncover insights intuitively.



EcoNet

EcoNet translates network optimization into measurable financial, operational, and environmental value.

Key insights include:

- Cost, fuel, and energy savings
- CO₂ reduction and carbon credits
- Performance vs baseline tracking
- Savings and impact forecasts
- Tickets, work orders, and trips avoided

Value: Enables organizations to measure sustainability impact, reduce operational costs, and support ESG goals.

