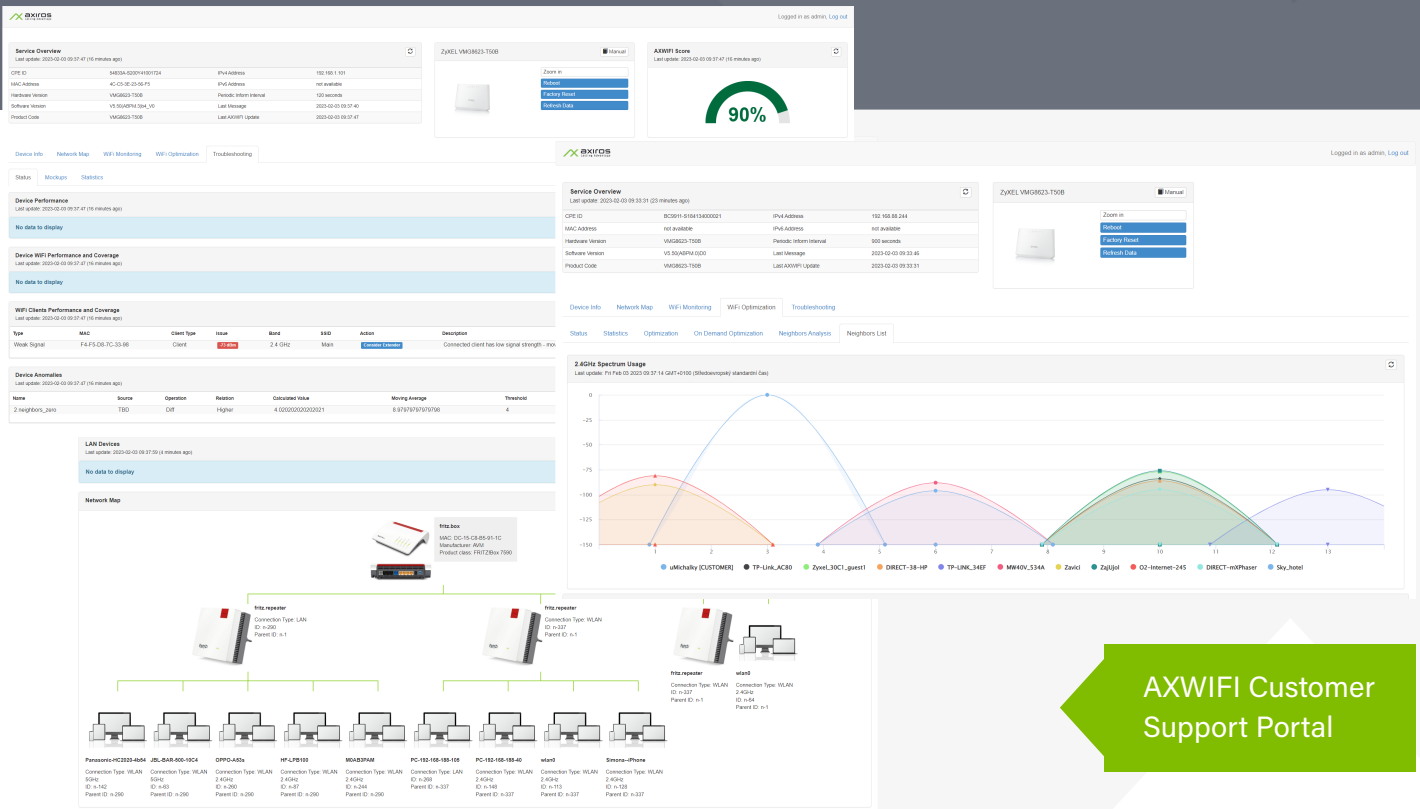


AXWIFI Features & Functionalities

Axiros WiFi Management Unlocks New Business Potential

- Automated in-stream WiFi Optimization & frequent scanning intervals of 15 minutes, even for Tier 1 Telcos with millions of CPEs in the field.
- Unique algorithms that consider all deployed CPEs under provisioning so the overall QoE is not degraded for "friendly" neighbor CPEs.
- Future-proof solution - data processing pipeline is independent of standards (TR-069/98/181, SNMP, API, etc.) and ready to support all the new standards to come.
- CPE vendor agnostic: No CPE agent needed - no SW customization efforts & support for legacy devices already deployed in the base.



The screenshot displays the AXWIFI management interface with several key sections:

- Service Overview:** Shows details for a Zyxel VMG8623-T008 device, including CPE ID, MAC Address, IPv4 Address, and AXWIFI Score (90%).
- Device Performance:** A section with 'No data to display'.
- Device WiFi Performance and Coverage:** A section with 'No data to display'.
- WiFi Client Performance and Coverage:** A table listing client details.

Type	MAC	Client Type	Issue	Band	SSID	Action	Description
Weak Signal	F4FS DB-7C-33-86	Client	Weak	2.4 GHz	Main	Connect	Connected client has low signal strength. -100
- Device Resources:** A table listing resource usage.

Name	Source	Operation	Reason	Calculated Value	Warning Average	Threshold
2_neighbor_2493	TBD	DRT	Higher	4.0000000000000021	8.937974797979796	4
- LAN Devices:** A section with 'No data to display'.
- Network Map:** A visual representation of the network topology showing various devices like 'Fitix repeater', 'Fitix Base', and 'Fitix repeater' connected to a central hub.
- 2.4GHz Spectrum Usage:** A line graph showing spectrum usage across different channels (1-13) for various vendors like UNichiply, TP-LINK, Zyxel, etc.

AXWIFI Customer Support Portal

Expert System for Telco Grade Radio Resource

- Translate CPE data into meaningful information
- Optimize CPEs' WiFi according to neighbors' APs
- Increase the WiFi performance & coverage per single user
- Recommend who will benefit from a WiFi extender

WiFi Monitoring and Optimization

- Identification of WiFi performance bottlenecks
- Home network topology and WiFi insights
- WiFi service outage / performance alarms