TAUC—Wi-Fi Management Solution for ISPs

As a next-gen Wi-Fi management solution, TAUC offers the TR-369 USP cloud server, carrier-grade TR-369 CPE, a customised mobile app, and tailor-made API services for our ISP customers. ISPs can easily roll out their service plans with increased ROI and better user experience.
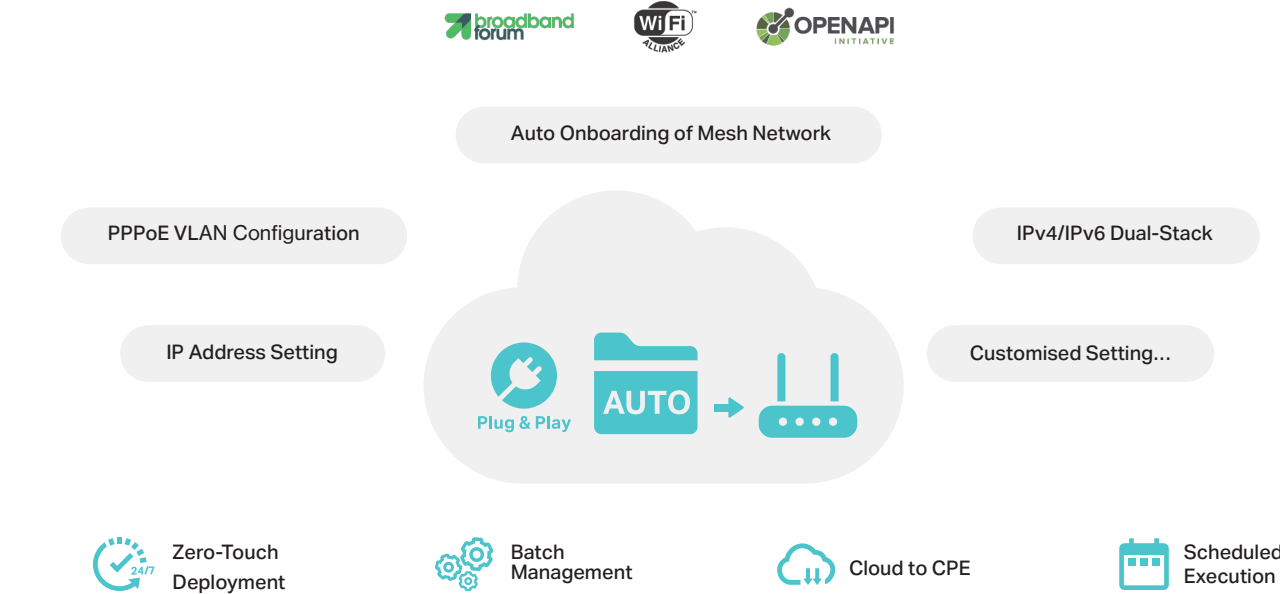
Easy Device Management and Monitoring

TAUC's easy-to-use and self-explanatory dashboards and reports help operators to easily know their network status, manage, monitor, and troubleshoot their subscriber's network via the visualised data charts and reports. The operator team can also manage the Wi-Fi routers, mesh Wi-Fi systems, xDSL modem routers, xPON routers, and 4G/5G CPEs from a single interface from anywhere, anytime.

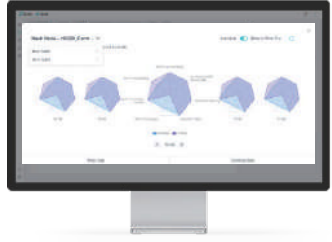| Network Performance Monitoring | Real-Time Mesh Topology and KPI-Metric Radar Chart | Network and Wi-Fi Status Dashboard | Network Health at a Glance | Deployment Report |

Automated Deployment, Provisioning and Configuration
Leveraging a unified platform and industry standard protocols, TAUC enables service providers to accelerate the rollout process by performing zero-touch deployment and provisioning without onsite support. The subscribers can also enjoy a hassle-free plug-and-play experience.

- broadband forum
- Wi-Fi
- OPENAPI INITIATIVE

Auto Onboarding of Mesh Network

PPPoE VLAN Configuration

IPv4/IPv6 Dual-Stack

IP Address Setting

Customised Setting...

Plug & Play → AUTO

- Zero-Touch Deployment
- Batch Management
- Cloud to CPE
- Scheduled Execution

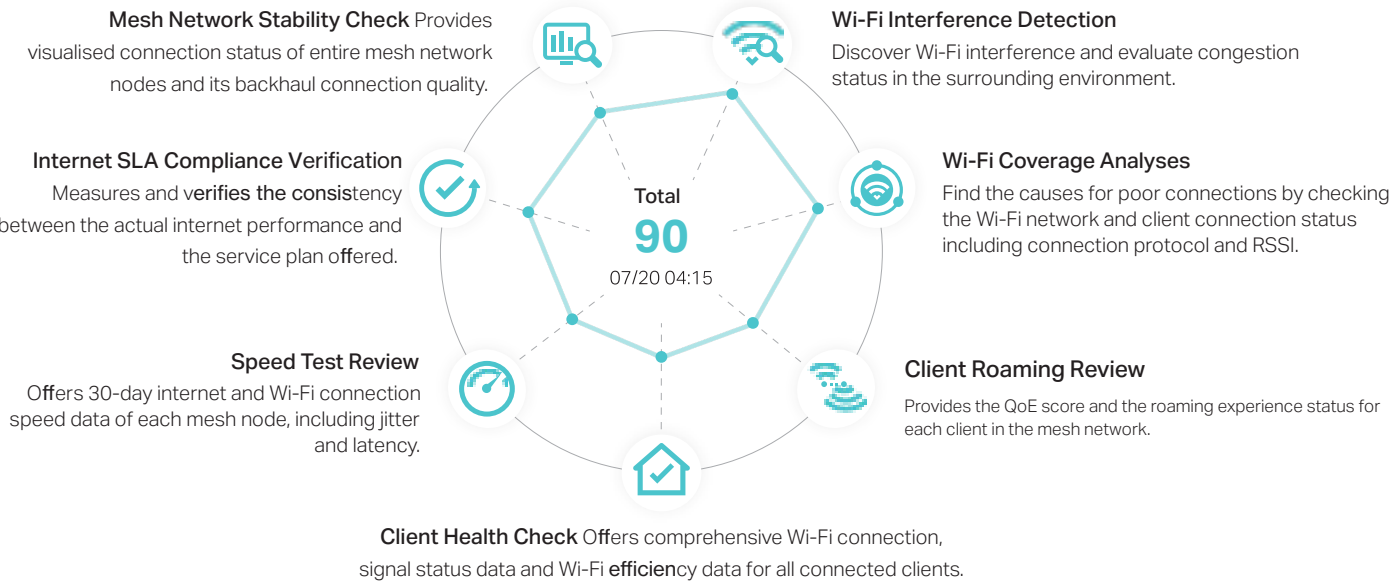# Advanced Wi-Fi Diagnostics and Comprehensive Network Health Check

Advanced Wi-Fi Diagnostics for Troubleshooting
Collect and generate multi-dimensional connectivity data of the entire network, including mesh modes and clients in near real time via Live Mode. Gain more insights by downloading the key Wi-Fi metrics report for further offline analysis.
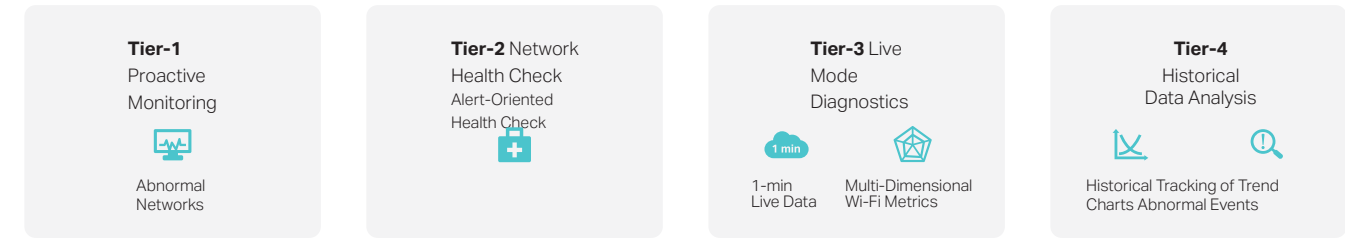
Comprehensive Network Health Check Offers Instant Insights
TAUC's network health check feature integrates a complete evaluation system to identify the potential network and connection issues that may impact end user's network and Wi-Fi experiences every 15 minutes and offers actionable and visualised insights to solve the problems remotely.

Mesh Network Stability Check Provides visualised connection status of entire mesh network nodes and its backhaul connection quality.

Internet SLA Compliance Verification Measures and verifies the consistency between the actual internet performance and the service plan offered.

Speed Test Review Offers 30-day internet and Wi-Fi connection speed data of each mesh node, including jitter and latency.

Total
90
07/20 04:15

Wi-Fi Interference Detection Discover Wi-Fi interference and evaluate congestion status in the surrounding environment.

Wi-Fi Coverage Analyses Find the causes for poor connections by checking the Wi-Fi network and client connection status including connection protocol and RSSI.

Client Roaming Review Provides the QoE score and the roaming experience status for each client in the mesh network.

Client Health Check Offers comprehensive Wi-Fi connection, signal status data and Wi-Fi efficiency data for all connected clients.

Comprehensive Network Insights for Connected Homes
Deliver excellent support to your subscribers live and remotely whether to troubleshoot their network issues or detect network bottleneck and Wi-Fi performance issues that may lead to poor experiences.

Tier-1 Proactive Monitoring	**Tier-2** Network Health Check Alert-Oriented Health Check	**Tier-3** Live Mode Diagnostics	**Tier-4** Historical Data Analysis
Abnormal Networks		1-min Live Data · Multi-Dimensional Wi-Fi Metrics	Historical Tracking of Trend Charts Abnormal Events

Empowered Operation and Maintenance

Cloud-Based Alarm & Optimisation
The TAUC platform proactively resolves internet and network issues, as well as Wi-Fi coverage and connectivity problems in your subscribers' networks, all before they even notice—thanks to our auto and expandable optimisation policies.

Unified Cloud Management
Manage and monitor all your networks from wherever you are, whenever you need, which vastly enhances accessibility, reliability, and flexibility.

Take Your 5G from Outdoors to Indoors

5G Outdoor Router

NE225-Outdoor 5G

- IP66 Weatherproof
- Plug and Play
- PoE Port
- Aginet App
- Cloud Management

Fibre Access Solution

One-Box Solution | Two-Box Solution

TP-Link's fibre solution offers both one-box and two-box solutions, which can help ISPs flexibly roll out their upgraded service plans through a single fibre connection offer subscribers better online experience and al

xPON HGU
SFU
Wi-Fi Router
Mesh System
OLT
SFU

— Fibre — Ethernet Cable

Super Mesh Wi-Fi Powered by Wi-Fi 7

BE19000 Whole Home Mesh Wi-Fi 7 AP

HB810 Wi-Fi 7

- Dual 10G Ports
- Doubled Bandwidth
- Multi-Link Operation
- EasyMesh Compatible
- Cloud Management

5G Outdoor Unit

NE225 -Outdoor
5G Outdoor Router

Plug and Play
Quick internet access. Compatible with SIM cards in 100+ countries/regions

Flexible Deployment and Fast Wired Connection
The 2.5G PoE port offers both power supply and ultra-fast data transmissions

Remote Management
TR-069 and TR-369 protocols and TAUC are supported

5G ▬▬▬▬▬▬▬▬▬▬▬▬ 7010 Mbps
4G CAT19 ▬▬ 1600 Mbps

Unrivalled Speed with 5G + 4G
Boosts download speeds up to 7.01 Gbps with low latency on 5G networks and 1.6 Gbps on 4G LTE networks, enabling multiple high-bandwidth applications to run at the same time.

Performance-Driven for Outdoor Environments
Built with high-gain directional antennas, weatherproof enclosure, a PoE port, and flexible installation shell, the NE225-Outdoor can be installed in various scenarios, receive better signals and transfer data at high speeds even in harsh outdoor environments.

Base Station
5G Cellular Network
Flexible Installation
PoE Injector
Data+Power
Power Data
Pole Mounting
Wall Mounting
Gateway

5G Indoor Unit

NB410v
5G BE7200 Wi-Fi 7 Telephony Router

Unrivalled Speed with 5G
Boosts download speeds up to 4000 Mbps

BE7200 Dual-Band Wi-Fi
5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz, EHT40)

Multi-Gig Connectivity
1× 2.5GE WAN/LAN port + 3× GE LAN ports

VoNR/VoLTE/CSFB Telephony
1× phone port

NX620v
5G AX3600 Wi-Fi 6 Telephony Router

Unrivalled Speed with 5G
Boosts download speeds up to 4670 Mbps

AX3600 Dual-Band Wi-Fi
2402 Mbps (5 GHz, HE80) + 1148 Mbps (2.4 GHz, HE40)

Multi-Gig Connectivity
1× 2.5GE WAN/LAN port + 2× GE LAN ports

VoNR/VoLTE Telephony
1× phone port

- **Plug and Play:** Quick internet access. Compatible with SIM cards in 100+ countries/regions.
- **EasyMesh-Compatible:** Create a smart mesh network with seamless coverage and greater flexibility based on standard mesh technology.
- **Enhanced Security:** WPA3 encryption, Multi-SSID, and parental controls provide a personalised and safer online experience.
- **Easy Setup:** The Aginet app offers simplified control and management through a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC (TP-Link Aginet Unified Cloud) management are supported.

XGS-PON OLT & SFU

DS-P8000-X7
DeltaStream Chassis Optical Line Terminal

- 7× service boards support up to 112× GPON ports or 112× XGS-PON & GPON Combo ports
- Supports 1:128 splitting ratio for GPON and 1:256 for XGS-PON • Dual main control units ensure automatic service switching without interruption • Carrier-class reliability with pluggable DC power supplies

XGZ030
1-Port XGS-PON Terminal

- 1× XGS-PON port ensures symmetrical 10 Gbps internet access • 1× 10GE LAN port offers 10 Gbps wired connectivity for internet sharing • Supports the OMCI protocol for easy remote management

XGS-PON Wi-Fi 7 Router & Wi-Fi 7 Router

XGB830v
BE19000 Tri-Band Wi-Fi 7 XGS-PON VoIP Router

BE19000 Tri-Band Wi-Fi
11520 Mbps (6 GHz, EHT320) + 5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz, EHT40)

Multi-Gig Connectivity
1× 10GE WAN/LAN port + 4× GE LAN ports + 1× USB 3.0 port

VoIP Calls
2× phone ports

XGB430v
BE7200 Dual-Band Wi-Fi 7 XGS-PON VoIP Router

BE7200 Dual-Band Wi-Fi
5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz, EHT40)

Multi-Gig Connectivity
1× 2.5GE WAN/LAN port + 1× 2.5GE LAN port + 3× GE LAN ports + 1× USB 2.0 port

VoIP Calls
2× phone ports

EB830v
BE19000 Tri-Band Wi-Fi 7 VoIP Router

BE19000 Tri-Band Wi-Fi
11520 Mbps (6 GHz, EHT320) + 5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz, EHT40)

Multi-Gig Connectivity
1× 10 GE WAN port + 1× 10GE LAN port + 3× GE LAN ports + 1× USB 3.0 port

VoIP Calls
2× phone ports

EB430v
BE7200 Dual-Band Wi-Fi 7 VoIP Router

BE7200 Dual-Band Wi-Fi
5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz, EHT40)

Multi-Gig Connectivity
1× 2.5GE WAN port + 1× 2.5GE LAN port + 3× GE LAN ports + 1× USB 3.0 port

VoIP Calls
2× phone ports

- **EasyMesh-Compatible:** Create a smart mesh network with seamless coverage and greater flexibility based on standard mesh technology.
- **Enhanced Security:** WPA3 encryption, Multi-SSID, and parental controls provide a personalised and safer online experience.
- **Easy Setup:** The Aginet app offers simplified control and management through a smartphone or tablet.
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Mesh Wi-Fi 7 AP

HB810
BE19000 Whole Home Mesh Wi-Fi 7 AP

BE19000 Tri-Band Wi-Fi
11520 Mbps (6 GHz, EHT320) + 5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz, EHT40)

Multi-Gig Connectivity
1× 10GE/SFP+ Combo WAN/LAN port + 1× 10GE LAN port + 2× 2.5GE LAN ports + 1× USB 3.0 port

HB410 BE6500
Whole Home Mesh Wi-Fi 7 AP

BE6500 Dual-Band Wi-Fi
5760 Mbps (5 GHz, EHT160) + 688 Mbps (2.4 GHz, EHT40)

Multi-Gig Connectivity
1× 2.5GE WAN/LAN port + 1× 2.5GE LAN port + 2× GE LAN ports

Mesh Wi-Fi 6 AP

HX710 Pro
AX5400 Whole Home Mesh Wi-Fi System

Dual Band Wi-Fi 6
Speeds up to 5400 Mbps—4804 Mbps on 5 GHz and 574 Mbps on 2.4 GHz

Full Gigabit Ports
7 Gigabit Ethernet ports ensure stable and fast wired connections and strong Ethernet backhaul.

HX220 AX1800
Whole Home Mesh Wi-Fi 6 AP

Dual Band Wi-Fi 6 Delivers speeds up to 1800 Mbps— 1201 Mbps on 5 GHz and 574 Mbps on 2.4 GHz

Gigabit Wired Speed
2 Gigabit Ethernet ports ensure stable and fast wired connections and strong Ethernet backhaul.

Other Mesh Wi-Fi 7 AP

HB710
BE18000 Whole Home Mesh Wi-Fi 7 AP

HB610
BE9300 Whole Home Mesh Wi-Fi 7 AP

- **Whole Home Coverage:** Create a smart mesh network with seamless coverage and great flexibility based on standard mesh technology.
- **Seamless Roaming:** All units work together to form a unified network to ensure a truly seamless Wi-Fi experience.
- **Ethernet Backhaul:** Wired backhaul ensures more stable seamless coverage to every corner of a home.
- **Enhanced Security:** WPA3 encryption, Multi-SSID, and parental controls provide a personalised and safer online experience.
- **Easy Setup:** The Aginet app offers simplified control and management from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC (TP-Link Aginet Unified Cloud) management are supported.

VDSL Router

VX230v
AX1800 Dual-Band Wi-Fi 6 VDSL/ADSL Modem Router

Ethernet Router

EX820v
AX6000 Dual Band Wi-Fi 6 VoIP Router

EX230v
AX1800 Dual-Band Wi-Fi 6 Gigabit VoIP Router

- Mesh Technology
- VoIP Calls
- Enhanced Security
- Beamforming
- MU-MIMO
- Multi-SSID