

WI-FI IS THE NEW ENTERPRISE LAN

But is it as resilient as your traditional LAN?

For many enterprises, **Wi-Fi is now the de-facto architecture for LAN and campus networks**. Wi-Fi enables services for advanced applications and is a key component in global efforts to bridge the digital divide in rural and isolated geographies, making it critical to economic resiliency.

IN 2023, STUDIES REVEALS HOW PREVALENT WI-FI IS IN ITS USE:

20B
WI-FI DEVICES



95M
WI-FI 6E ACCESS POINTS



628M
GLOBAL ACCESS POINTS



42B
WI-FI DEVICE SHIPMENTS

\$3.5 trillion IN ECONOMIC VALUE

Today's network operations centers (NOC) need to get better at assuring Wi-Fi resiliency.

"Wi-Fi has been one of the **"pain points"** for organizations, because it comes with inherent challenges associated with interference and distance, and it's a shared medium."

Gartner

NETWORK MANAGEMENT BY BROADCOM CAN HELP



How do I discover & visualize my multi-vendor wireless networks alongside my wired & SDx environments?



You can with:

- ✓ Multi-vendor global Wi-Fi health views correlated to LAN, WAN, SD-WAN
- ✓ Support for the highest-scale Wi-Fi environments
- ✓ One operational dashboard across alarm, ticketing, inventory, logs and contextualized device metrics for fast root cause analysis

How do I determine which infrastructure element of my wireless network needs attention now?



You can with:

- ✓ At-a-glance, top-N views for what needs attention now
- ✓ Standard NOC procedures and processes for wireless monitoring
- ✓ Out of the box operational workflows for alarms, ticketing and triage

How do I understand the impact of LAN, WAN, & SD-WAN outages impacting Wi-Fi experiences?



You can with:

- ✓ Correlation of last mile connection with upstream routers and switches
- ✓ Impact analysis of LAN, WAN, SD-WAN outages with event correlation for access point's
- ✓ Alarm noise reduction > 80%

How do I respond to localized challenges of slow Wi-Fi performance?



You can with:

- ✓ Granular insights into Wi-Fi access point performance
- ✓ One click alarm to root cause via NetOps context pages
- ✓ Analysis of CPU, memory with the added awareness of radio frequency, noise level, interference, power trends and user demographics and movements

How do I anticipate Wi-Fi performance issues before user impact?



You can with:

- ✓ Proven analytics such as metrics baseline, deviation from normal, time over threshold, and business hours
- ✓ Deviation and threshold violation alarms against radio frequency metrics
- ✓ A multiple metric-based composite alarming solution

For more information, visit broadcom.com/netops

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