

# WI-FI IS THE NEW **ENTERPRISE LAN**

But is it as resilient as your traditional LAN?

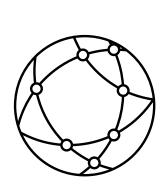
For many enterprises, Wi-Fi is now the de-facto architecture for LAN and campus networks. Wi-Fi enables services for advanced applications and is a key component in global efforts to bridge the digital divide in rural and isolated geographies, making it critical to economic resiliency.

## 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** 

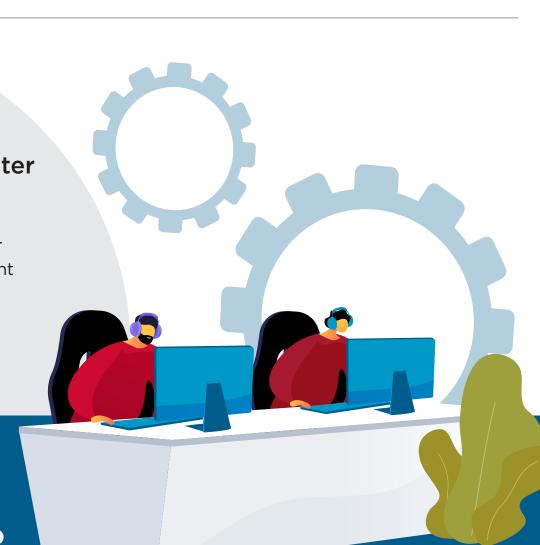
Today's network operations centers (NOC) need to get better at assuring Wi-Fi resiliency.

"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** 





my multi-vendor wireless networks alongside my wired & SDx environments?

How do I discover & visualize



You can with:

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

One operational dashboard across alarm, ticketing,

infrastructure element of my wireless network needs attention now?

How do I determine which



You can with: At-a-glance, top-N views for what needs

- attention now Standard NOC procedures and processes for
- wireless monitoring
- ticketing and triage

Out of the box operational workflows for alarms,

impact of LAN, WAN, & **SD-WAN** outages impacting Wi-Fi experiences?

How do I understand the



Correlation of last mile connection with upstream routers and switches

You can with:

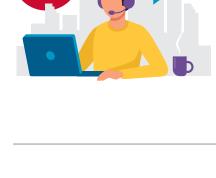
- Impact analysis of LAN, WAN, SD-WAN outages
- Alarm noise reduction > 80%

with event correlation for access point's

performance?

How do I respond to localized

challenges of slow Wi-Fi



Granular insights into Wi-Fi access point performance

You can with:

solution

You can with:

- 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



- Proven analytics such as metrics baseline, deviation from normal, time over threshold, and business hours
  - A multiple metric-based composite alarming

Deviation and threshold violation alarms against

BROADCOM

radio frequency metrics

For more information, visit broadcom.com/netops

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