

Hewlett Packard
Enterprise

使用者體驗優先的 AI 驅動智能網路運營

謝宜庭(FION HSIEH)
HPE Networking, Vice President



2025 Gartner® Magic Quadrant™ for Enterprise Wired and Wireless LAN Infrastructure

HPE Aruba Positioned as a Leader in the Gartner Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure

Aruba's 19th Time
In The Leaders
Quadrant¹

Figure 1: Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure



Gartner.

¹ Gartner Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure, By Mike Toussaint, Tim Zimmerman, Christian Canales, Published 21 December 2022
Aruba's 17 years of placement includes HPE (Aruba) in the Magic Quadrant for Wired & Wireless LAN Infrastructure from 2015-2022 (8 years), Aruba Networks in the same Magic Quadrant from 2012-2014 (3 years) and in the Magic Quadrant for Wireless LAN Infrastructure from 2006-2011 (6 years).

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HPE Aruba- Taiwan Success Stories



Designed for the modern IT operator

Resiliency and agility for new campus demands

HPE Aruba 為所有裝置和使用者提供 **可靠的連接**，
動態增強整個校園到家庭網路的資料 **安全**，
並以家庭般的 **簡單**改善學生的使用者體驗。



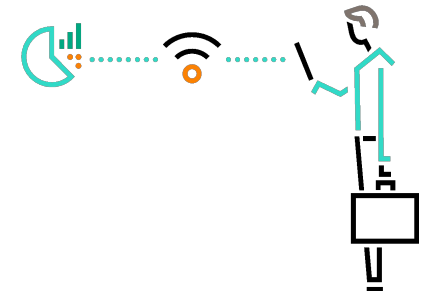
Unify & simplify

Access across locations,
users and IoT



Automate & secure

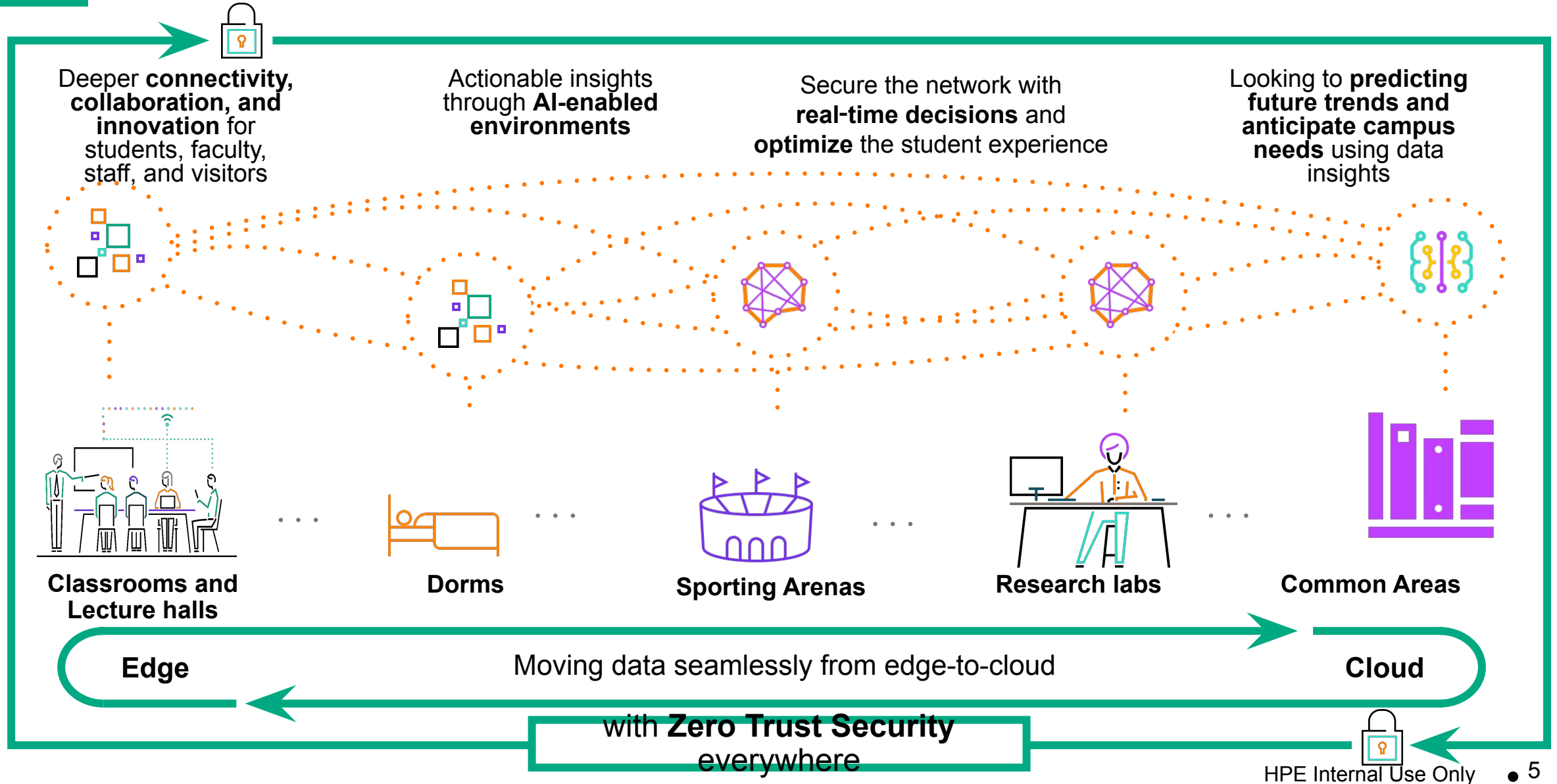
IT operator experiences
with AIOps



Choice

Your network, your way
with agile NaaS

HPE Aruba Networking enables transformation from edge-to-cloud



HPE Aruba reference in Library



HPE Aruba Networking Solutions

AI Powered
以終為始的使用者體驗



網路維運的未來

AI for Networking Empowering IT teams for an accelerated, AI-driven future

Accelerating **GenAI**
for Networking
Realising greater
efficiencies



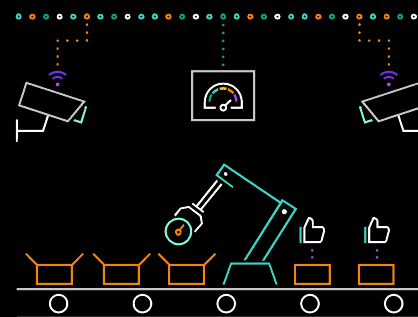
By 2026, **60%** of network operations personnel will rely on **Generative AI** for Day 2 management, up from less than 5% in early 2024¹

Network as a **Zero Trust** security solution



46% ITDMs say **cybersecurity concerns** impact their organizations' willingness to invest in innovative technologies²

Growing significance of **DEM**



Digital Experience Monitoring becomes a strategic investment area, with deployments expected to rise from **60% to 90%** in 2027³

Sustainability



83%⁴ of business leaders say **sustainability** activities create value of their organization

¹Gartner: Prepare for Generative AI in Network Operations , Mar 2024

²The innovation vs. risk conundrum. Hewlett Packard Enterprise. 2023

³Gartner Market Guide for Digital Experience Monitoring, Nov 2023

⁴ 2022 sustainability survey :use Sustainability to drive vlaue and mitigate disruption ,Sept 22

AI-powered: Aruba Next-Generation Cloud-Native Central Platform

有數據才有 AI

Reduce manual
configuration and
administrative work

15%
+ **Improve network
performance**

Enhanced Visibility &
Anomaly detection

Up to **99%** Accuracy of analysis
for known clients,
unknown rate of <5%

Improve the user
experience

95% Calls to IT help desk
assistance are reduced
due to HPE Aruba network
Wi-Fi usage issues

Industry-leading data lake



Wireless



Wired



SD-WAN



5G



IoT

Unified Infrastructure

180K+
Central
accounts

~6M
devices
under mgmt

~1B
endpoints
served

30+
Industry
verticals

AI Ops For Improved Troubleshooting And Issue Resolution

POWERFUL FEATURES

AI Search
with
GenAI

AI
insights

AI
assurance
indicators

Client
insights

Incident
Detection

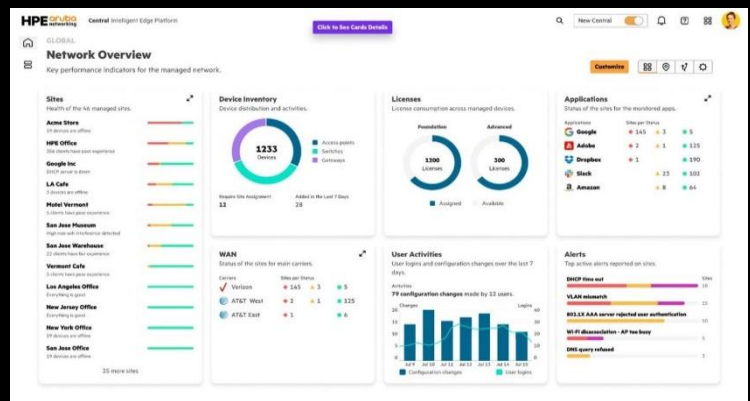
Gen AI

Large Language Models (LLMs)

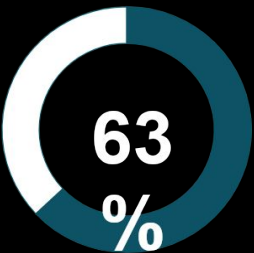
Classification AI

Clustering, Correlation, Regressions

POWERFUL RESULTS

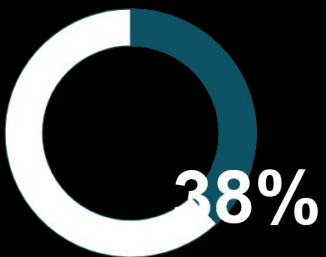


Faster MTTR



Of surveyed customers
resolve network or user
issues at least **50% faster**

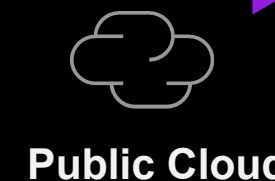
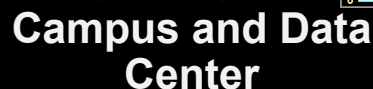
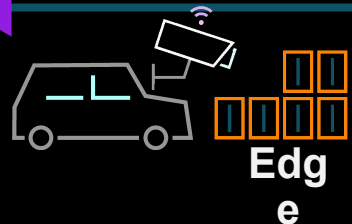
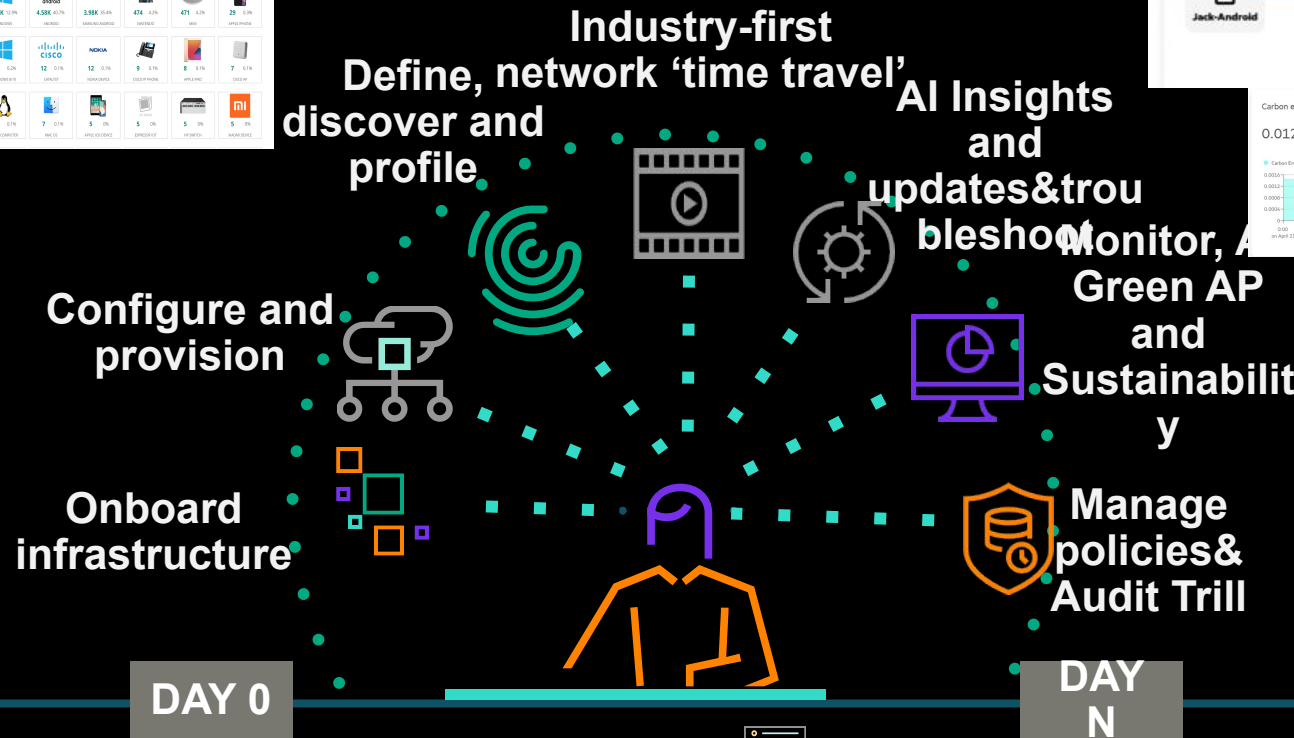
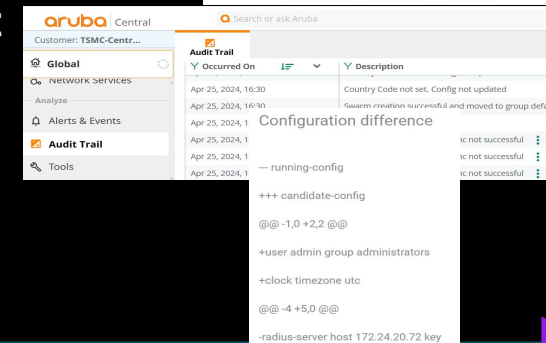
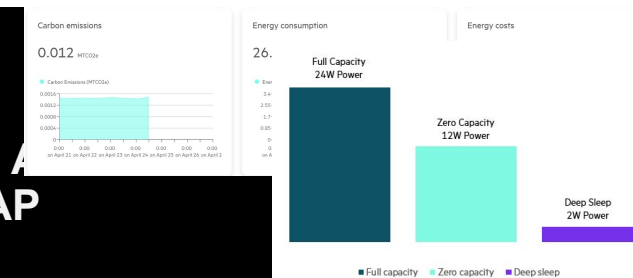
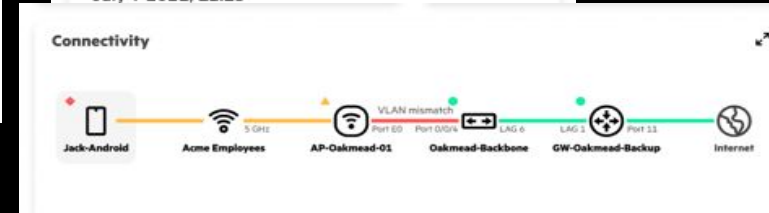
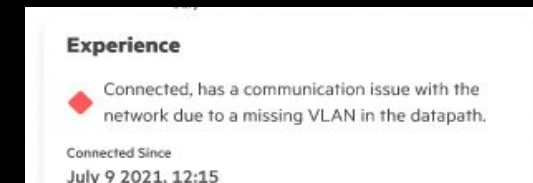
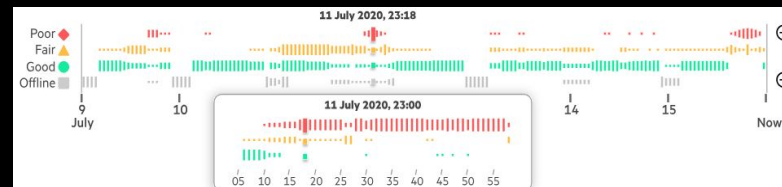
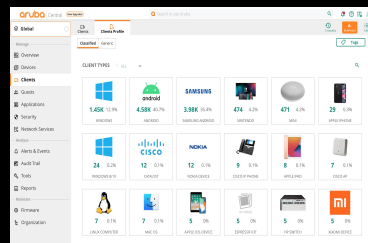
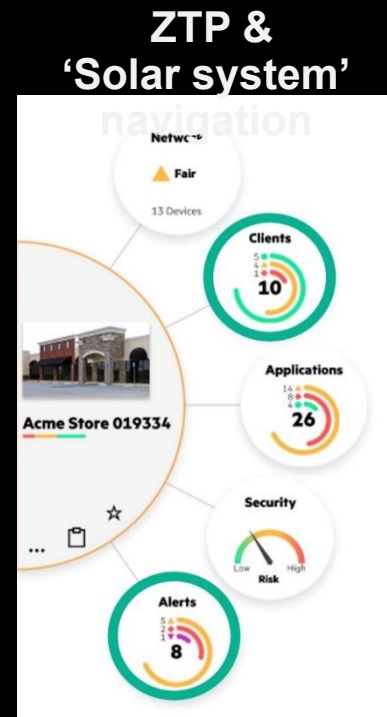
Fewer support
tickets



Of surveyed customers
have reduced IT trouble
tickets by at least **50%**

Operator-centric- Visibility of User Experience

簡化第0天到第 N 天的操作

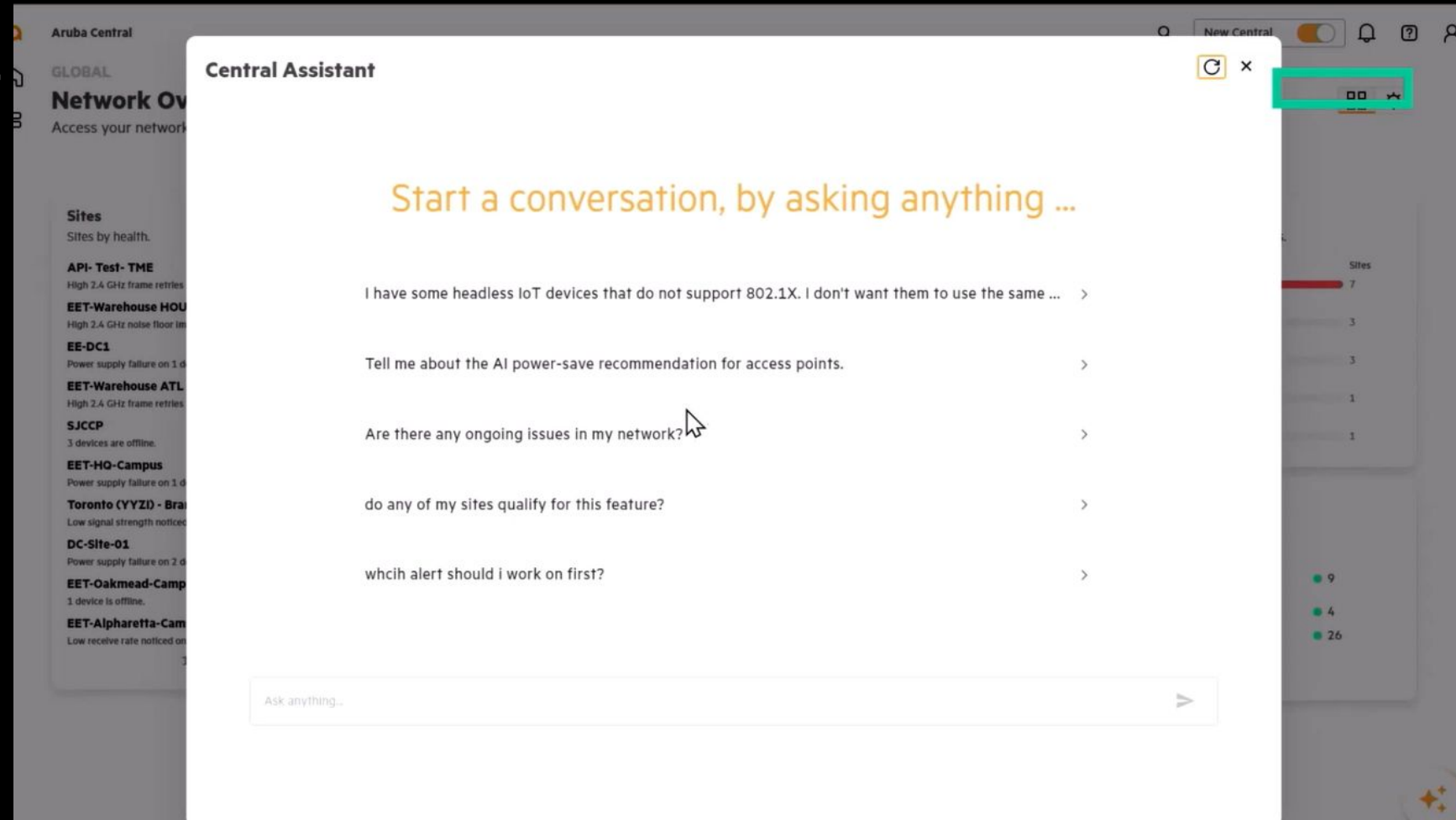


Meet the newest member of your IT Team



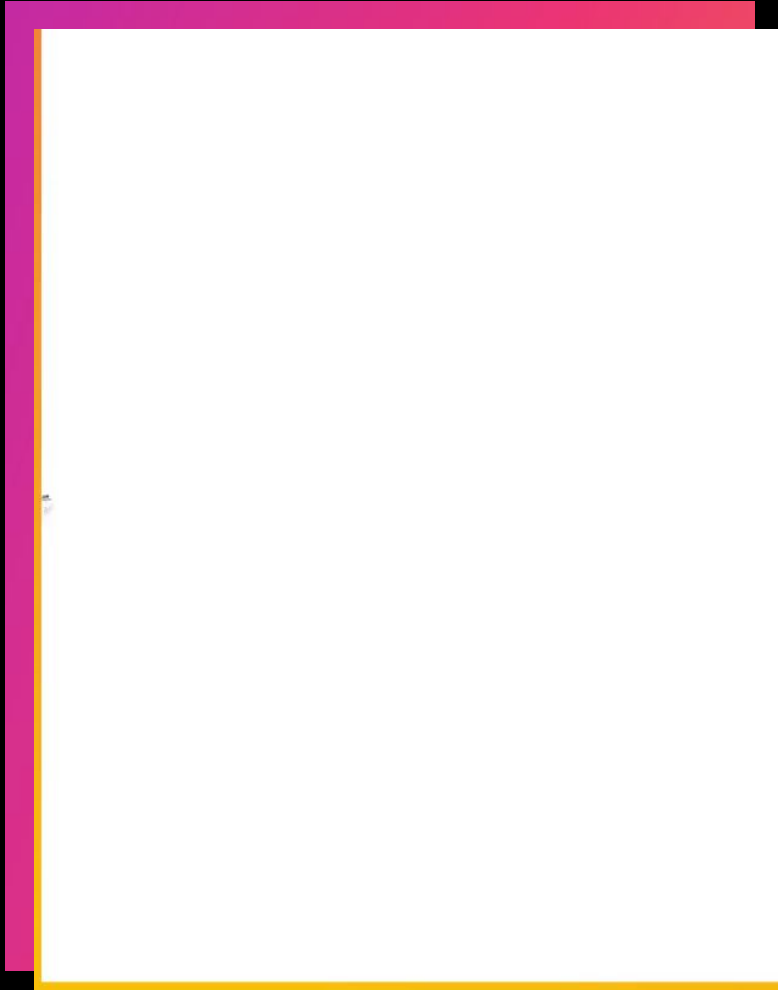
A CONVERSATIONAL CO-PILOT PREVIEW

- ✓ Privacy Enabled Security
PII & CII protected
- ✓ LLM trained with public
HPE data
- ✓ Contained and hosted on
HPE Greenlake Cloud
Platform
- ✓ HPE Artificial Intelligence
(AI) Ethics Council



以實體為中心 ‘solar system’ 視圖

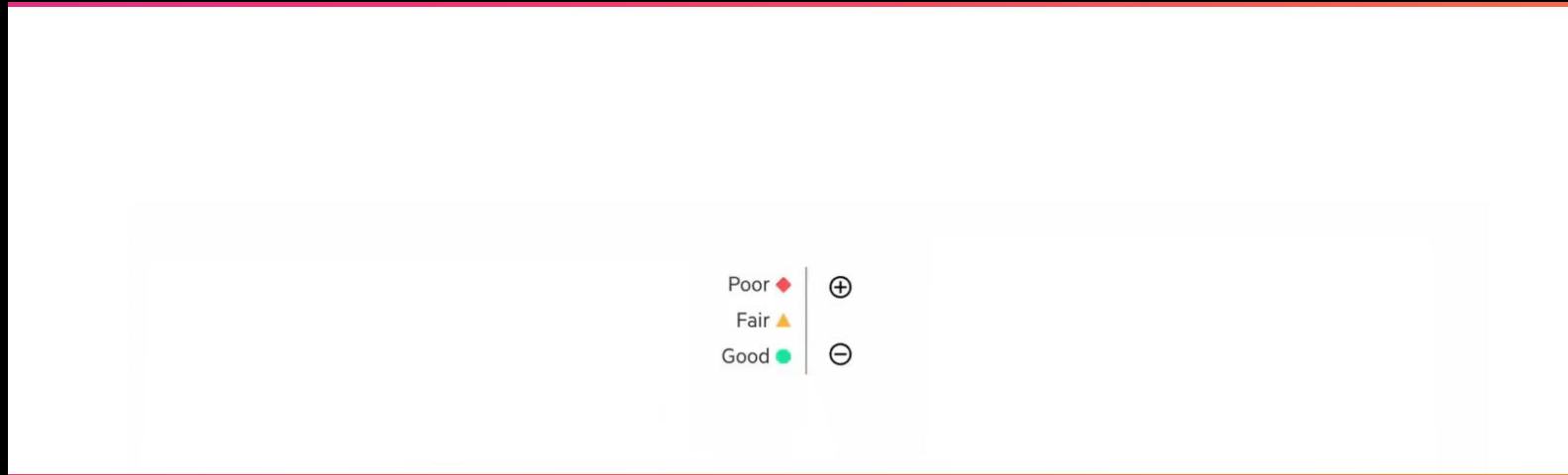
Reduce navigation clicks and minimize manual correlation



- Promotes **quicker discovery** without navigating across several screens and tables
- **Proactive summarization** with ‘blended’ indicators
- **Seamless switching** between site, network devices, clients, applications etc.
- Access to **unified network** device and client lists

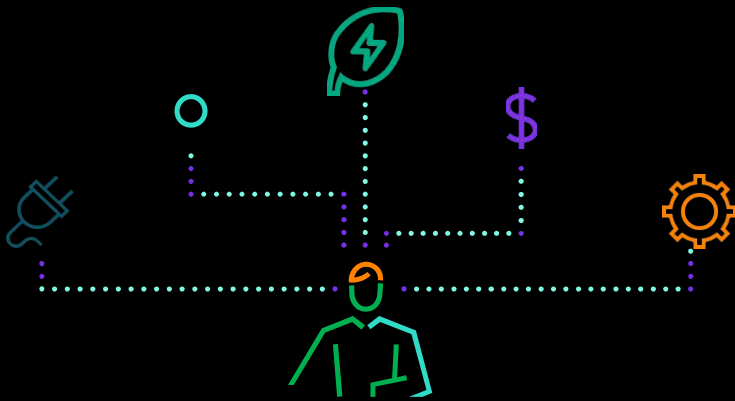
行業首創的網路 ‘time travel’

Helping IT teams answer ‘What changed? When? Why?’



- Holistic ‘**point in time**’ network snapshot to troubleshoot difficult issues
- Deep correlation that goes beyond manual analysis of event logs and packet captures
- Move back in time for up to **7 days** , with granularity of **1 min**
- On selecting a timestamp, all dashboard views reflect what the network looked like at that point

AI 驅動節能建議 - 支持可持續性



**Jeff, Manager of
NetOps**

Tasked with making **network operations more sustainable**, in support of overall IT goals for the business

Power Save Recommendation Summary - Access Points

Key Power Save metrics.

Power Save metrics	Values
Average Power Save hours per week	113 hour(s)
Percentage of Access Points in Power Save	25%
Expected annual power savings	86 KWh

Actions - Access Points

Review recommended Power Save schedules and list of APs to put in Power Save mode. These can be applied in Classic Central with automatic Power Save configuration.

[View](#)

Next-gen Central provides recommendations to identify access points in the network that can be turned to power save mode to save on energy consumption. APs (10.5 and above) switch into a dynamic power save mode and automatically wake up at a schedule when connectivity demand arises, **reducing power demands and saving money** in alignment with the organization's **sustainability initiatives**.



HPE Aruba User Experience Insight



Experience

- LLT-Sensor



Services

- Wi-Fi
- Ethernet
- DHCP
- Gateway
- DNS



Internal

- 172.16.30.253-Web
- 172.16.30.40-Web
- 172.16.30.43-Web
- Aruba-networks
- FTP



External

- Dropbox
- Facebook
- Google
- Google Docs
- Google Drive
- Google Mail
- JIRA(External)
- Webserver-aruban...
- YouTube

Deliver what users and stakeholders expect



Student Priorities

- ✓ Performance and roaming
- ✓ College experience
- ✓ Home-like residence hall



Faculty Priorities

- ✓ Save time
- ✓ Secure data
- ✓ Teach students in all modalities



Facilities Priorities

- ✓ Cost savings
- ✓ Efficient operations



HPE Aruba Networking Solutions

AI Powered

以終為始的使用者體驗



Thank You

