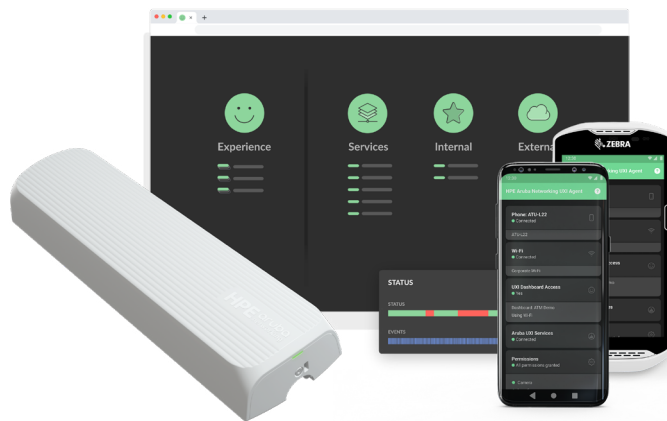


HPE Aruba Networking User Experience Insight (UXI)



Key features

- AI powered DEM (Digital Experience Monitoring)
- Intuitive, simple-to-use dashboard with end-to-end visibility over performance and health
- AI powered alerts that highlights issues affecting high priority services
- Automated user and application experience monitoring through synthetic testing
- Network performance metrics for wired, wireless, and cloud application connectivity
- Simplified deployment and backup connectivity with built-in cellular connectivity and DPP (Device Provisioning Protocol)

HPE Aruba Networking User Experience Insight (UXI) is a digital experience monitoring solution that validates network health, application performance, and troubleshoots problems that affect day-to-day user experience. Ideal for campus, branch, and remote environments alike, UXI assumes the role of a remote technician, evaluating the performance, connectivity, and responsiveness of network infrastructure and applications such as corporate ERM, Office365 or web applications. In addition to the above evaluation, the HPE Aruba Networking Agent for Zebra gathers detailed end-user roaming and voice analysis from the Zebra devices. This outside-in perspective is presented through a simple, intuitive dashboard, powered by machine learning, that provides a proactive way to solve problems before they impact the business. HPE Aruba Networking UXI is easy to configure, deploy and manage, and immediately begins providing insights once sites are online.

AI-powered analytics

UXI contributes to HPE Aruba Networking ESP by using a combination of AIOps capabilities and onsite sensors and agents to automatically identify various issues that can affect wired, wireless and WAN access. Sensors mimic user and IoT behavior by accessing and using applications like Netflix or Skype for Business. Upon detecting an issue in real time, UXI analyzes the severity of the issue using machine learning algorithms, and groups the issues that requires immediate attention into larger events called incidents. These incidents are highlighted on the dashboard, thereby eliminating alert fatigue, and triggering automatic ticket creation to alert and help IT quickly and proactively fix problems and optimize experiences without frustrating and time-consuming troubleshooting.

Key features (continued)

- Multivendor support enables testing for any HPE Aruba Networking or third-party network environment
- Integration with third-party applications like ServiceNow and Slack via Webhooks
- Insights into remote employees' digital experience
- Supports Wi-Fi 6E network monitoring

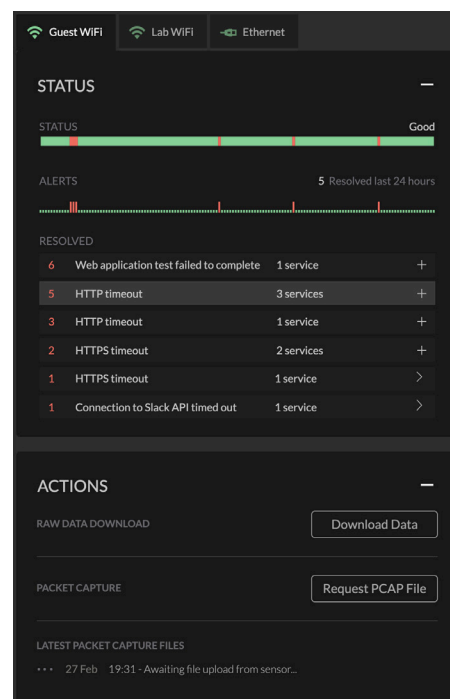
Examples of available insights and outcomes include:

- **Device association:** All stages of connections including authentication, DHCP and DNS helps identify where in the process users may experience problems.
- **End-to-end app responsiveness:** Continuous visibility into the responsiveness of internal and cloud-hosted applications by location that gets in front of issues where there are no dedicated IT resources.
- **Incident detection:** Near real-time insights for high priority services that require IT attention, such as guest portal load times, slow application performance, bad VoIP quality, packet loss and outages that IT can use to quickly troubleshoot issues. Incidents can also trigger external applications like ServiceNow and Slack using Webhooks.
- **Web application testing:** Test web applications from an end user perspective by easily customizing test cases to mimic end users. HPE Aruba Networking UXI enables businesses to test end to end workflow like hopping on to a website, logging in, clicking a button, and logging out of the web application.
- **Support for IPv6:** UXI provides precise visibility and in-depth network performance in an IPv6 environment to show DHCPv6, DNS64/NAT64, and SLAAC configurations, and applications performance over the network.
- **Data push destination:** Businesses can create custom reports by configuring the HPE Aruba Networking UXI Dashboard to send network and application monitoring test results to a destination (data analysis platform) that businesses manage. The current options are AWS S3, Google Big Query, Elasticsearch, Splunk (Beta), or business can setup a generic HTTP endpoint to receive this data. Using generic http endpoint, businesses can now analyze the data in ServiceNow, PowerBI, Sumo logic, Mode analytics, PagerDuty, etc.

- **Upgraded reports:** UXI can be configured to generate highly customizable reports on weekly basis—both On-demand and configurable. Business can choose to get the reports according to Sensor Groups, Networks, Schedule—Weekly, Monthly, Daily, Date, and Time.

Application and network monitoring

The HPE Aruba Networking UXI Sensor and Agent monitor on-premises, data center and cloud based enterprise applications. HPE Aruba Networking UXI Agent for Zebra also monitors roaming and voice traffic performance. Customers can configure the UXI Sensors to log in and out of mission critical web applications, click links, fill out forms and perform various web interactions—just like real users do. UXI will report on the overall health of these applications including success, failure and transaction times. UXI Sensors and Agents also come with an extensive library of pre-configured popular tests such as Dropbox, YouTube, Slack and Netflix.



UXI Sensor use dynamic packet captures that are uploaded to the cloud when issues are detected. The packet capture data is invaluable for troubleshooting issues in depth and arriving at root cause without having to visit the site. Reported data includes: connectivity, throughput, latency, jitter, packet loss, web server response time, web application transaction time and VoIP MoS.

Secure to the core

HPE Aruba Networking UXI has been built from the ground up to ensure complete network security and privacy. Features include:

- Data encryption at rest and in motion, and all communication using TLS
- Hashing to conceal network access credentials
- No SSID bridging nor externally-accessible logic ports (SSH and in-bound Telnet are disallowed)
- Security validation by independent vulnerability and penetration assessments

Key benefits

Digital experience monitoring for remote employees

HPE Aruba Networking UXI Agent for Android runs low-impact synthetic tests to monitor network and application performance from the end-users' perspective, irrespective of users' network and location. The tests capture details like: DNS lookup time, Gateway reachability, HTTP Get Elapsed time, packet loss, latency, jitter, gateway reachability, etc.

Proactive user experience insights

Gain first-hand intelligence over network health from a user perspective. By using a synthetic sensor, multiple combinations of common user workflows can be tested.

Dynamic Packet Capture (PCAP)

Dynamic packet captures help identify problems and conduct root-cause analyses. PCAP files can be generated and uploaded automatically or on demand, and retained for up to 30 days. Raw data is retained for up to 18 months.

Cloud-delivered updates

With every subscription, HPE Aruba Networking provides continuous software updates that enhance the value of your existing sensor infrastructure.

Vendor neutral

Deliver insights quickly for any network environment – just connect to a Wi-Fi or wired network.

Third-party integrations

Enable Webhooks with services like Slack and ServiceNow for instant notifications anywhere.

World-class support

Get 24/7 assistance from HPE Aruba Networking Live Chat directly from the dashboard.




Ordering information

Part number	Description
Cloud subscription software (required for all sensors)	1,3 or 5-year cloud software subscription is required for each sensor. This subscription provides 24/7 software support, data trending, analytics, and security services via the dashboard.
R4W97AAE	HPE Aruba Networking UXI Cloud 1-Year Subscription E-STU
R4W98AAE	HPE Aruba Networking UXI Cloud 3-Year Subscription E-STU
R4W99AAE	HPE Aruba Networking UXI Cloud 5-Year Subscription E-STU
Cellular subscription software	Required for all LTE-enabled sensors. This subscription enables managed cellular services that are used for zero-touch provisioning, onboarding, out-of-band failure analytics, and issues alerting.
R4X00AAE	HPE Aruba Networking UXI LTE 1-Year Subscription E-STU
R4X01AAE	HPE Aruba Networking UXI LTE 3-Years Subscription E-STU
R4X02AAE	HPE Aruba Networking UXI LTE 5-Year Subscription E-STU

For HPE Aruba Networking UXI cellular sensor to operate a valid Cloud and LTE subscription are required, for non-cellular sensor a valid Cloud subscription is required. If your current subscription expires, a new Cloud and/LTE subscription is required to reactivate the dashboard.

Should you want to upgrade your HW support with Foundational Care, the additional services can be ordered from [Support Services Central SKU lookup tool](#). Foundational Care does not allow access to the dashboard.

Make the right purchase decision.
Contact our presales specialists.



Contact us

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