

Wi-Fi 7, Assurance and AgenticOps

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Agenda

- 01 Cisco Wireless – your network, your way
- 02 Wi-Fi 7 – new tech and new business outcomes
- 03 Assurance & AgenticOps – demos galore
- 04 Closing

Meeting our customers where they are



On-prem

Use cases require on-prem delivery. DIY IT model



Cloud-enabled/hybrid

Need to retain control on prem, cloud assisted. Use cloud tools to help run their networks




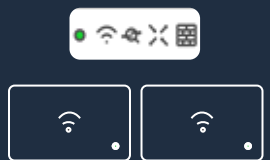



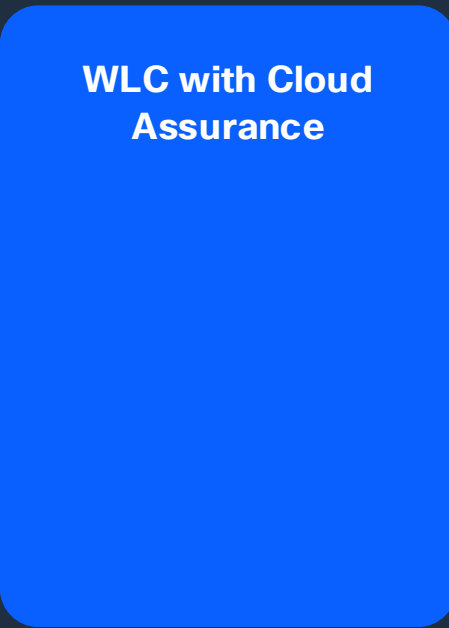



Cloud first

Prefer cloud-enabled delivery for simplicity. SaaS IT model

Cisco Wireless Mission: Deliver simplified outcomes to all customers

Supporting deployment flexibility

Architecture	 Customer Managed	 Hybrid Management	 Cloud Management
Centralized 		WLC with Cloud Assurance	Meraki Campus Gateway (MCG)
Distributed 			

What's New

Access Points

- CW9174 I & E, CW9171I
- AP Zero Touch Deployment - HW Refresh

AI Ops / Assurance

- Experience Metrics (XM)
- AI PCAP Analyzer
- AI Config Recommendation
- Wireless Synthetic testing with Thousand Eyes

CatC Assurance

- ISE Failure Reason Integration for Clients
- Multi-Band OTA Capture
- WLC Advanced Analytics

CatC Automation

- Wireless Outdoor Area Assurance
- Wi-Fi 7 Maps
- WLC RMA

Licensing

- UL Expansion to Wave2/6/6E (On-Prem)
- Three Year Cloud Entitlement for DNA

Campus Gateway

- New low form Factor CCG CW9800L-MCG

Cloud Monitoring

- 9800-CL and PCAP support

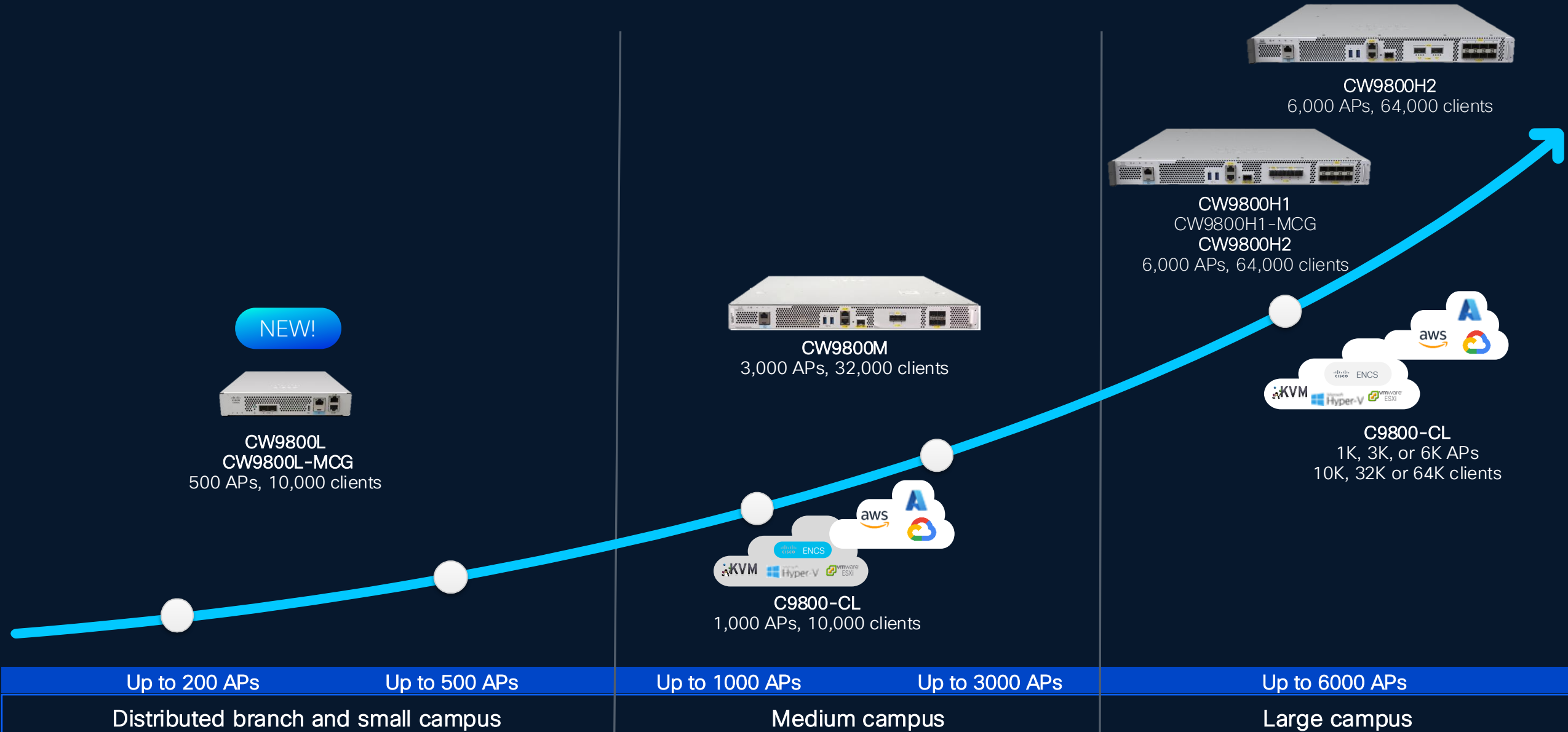
Security

- MACsec Support

Spaces

- Network Design Validator
- Cisco Asset Tracker

Cisco 9800 Wireless Infrastructure



Three Year Cloud Entitlement for DNA

Through Feb 1, 2029

Active DNA license holders are eligible for a three-year entitlement to cloud management via the Meraki dashboard.

- For eligible Catalyst 9000 switches and Wi-Fi6E access points.
- No license migration or new purchase required during the period.
- Prior to expiry date, customers must renew to continue cloud management



Wi-Fi 7

All in one license



One hardware

Consistent PID structure for hardware: No PID variations driven by management mode

Customers can choose to deploy their networks on cloud, on-prem, or hybrid with the same hardware



One license

Single Cisco license per device that enables all management modes

Common licensing tiers (Essentials and Advantage) for both cloud and on-prem deployments



One support

Consistent and reliable product support included in the Cisco Networking Subscription for hardware and software

RMA Upgrade options for hardware

Complete Cisco Wi-Fi 7 access points portfolio



CW9171I

Value priced
2-band option

AVAILABLE



CW9172I & H

Full tri-band
wall plate AP

AVAILABLE



CW9174I & E

Indoor AP with
external antenna

AVAILABLE



CW9176D1

High ceiling AP with
directional antenna &
URWB

AVAILABLE



CW9176I

Excellent
workhorse AP with
URWB

AVAILABLE



CW9178

World's most powerful
Wi-Fi 7 AP with URWB

AVAILABLE



CW9179F

Large venue and
stadium AP

AVAILABLE

Innovating beyond Wi-Fi boundaries



Available in 17.18.1 for POCs and limited use
Production-ready release: 17.18.2

Ultra Reliable Wireless Backhaul

Zero loss, seamless handoffs

Moving assets stay connected even at high speeds

Ultra-low latency

Real-time data transfer between assets and applications

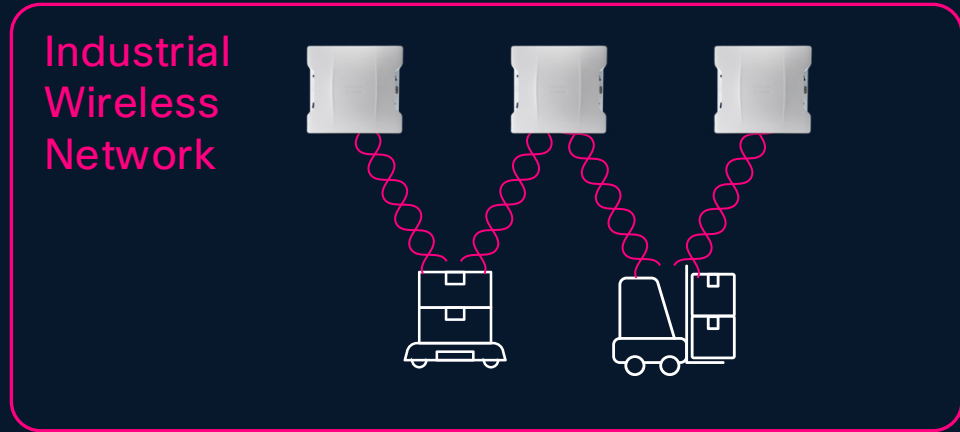
Uninterrupted connectivity

Built-in replicated data paths for critical applications

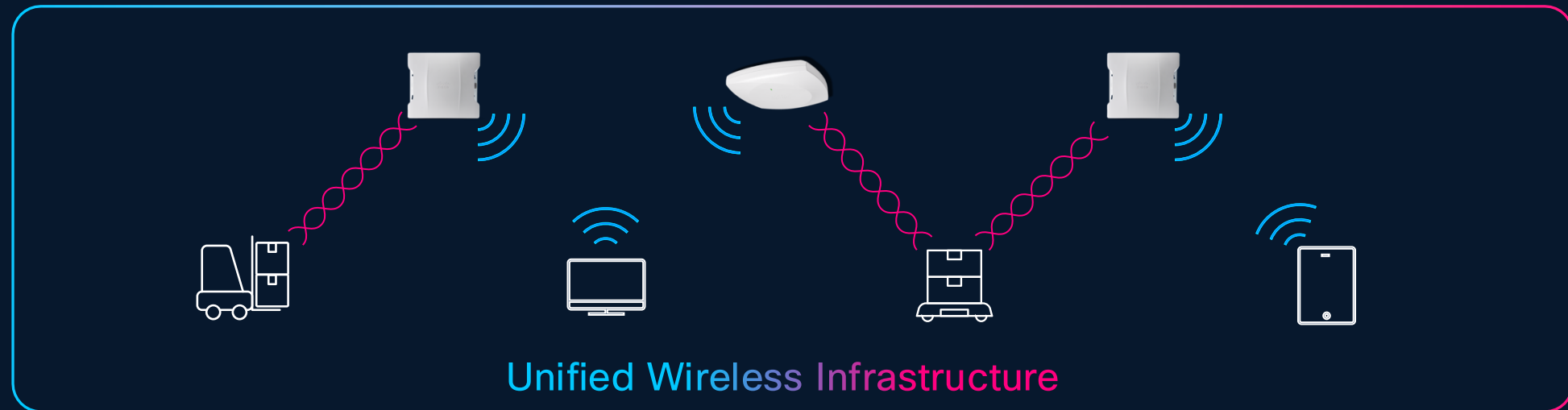
Wireless you can depend on. Even for your most critical applications.

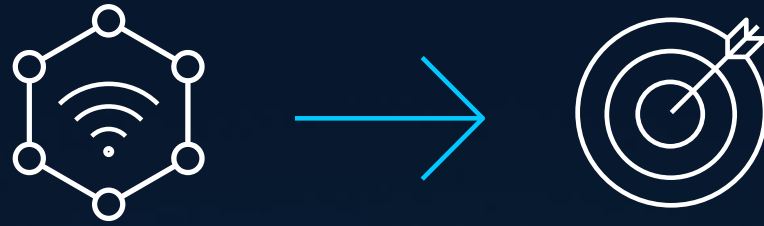
Introducing Wi-Fi and URWB unified infrastructure

Before



Now





**From wireless infrastructure to
business outcomes, delivered together**

Outcome-ready networks

Seamless Wi-Fi
onboarding

Occupancy analytics

Ecosystem partner
outcomes



Indoor navigation

Asset tracking

Workspace finder &
booking

Energy efficiency

Designed to address the needs of every industry



Workspaces

- Occupancy analytics
- Interactive 3D floor maps
- Room finder & desk booking
- Indoor navigation
- Sustainable, productive rooms
- Seamless connectivity & carrier offload

[Workspaces Deep Dive →](#)



Healthcare

- Seamless Wi-Fi onboarding & Carrier offload
- Maps & Indoor navigation
- Asset tracking
- Infant protection
- Panic buttons for staff safety

[Healthcare Deep Dive →](#)



Retail & Venues

- Seamless Wi-Fi onboarding & Carrier offload
- Customer acquisition
- Personalized engagements
- Visitor segmentation
- Visitor analytics
- Device & asset tracking

[Venues Deep Dive →](#)



Warehouses

- Asset Tracking
- Machine condition monitoring
- Seamless connectivity
- Occupancy analytics

Preview

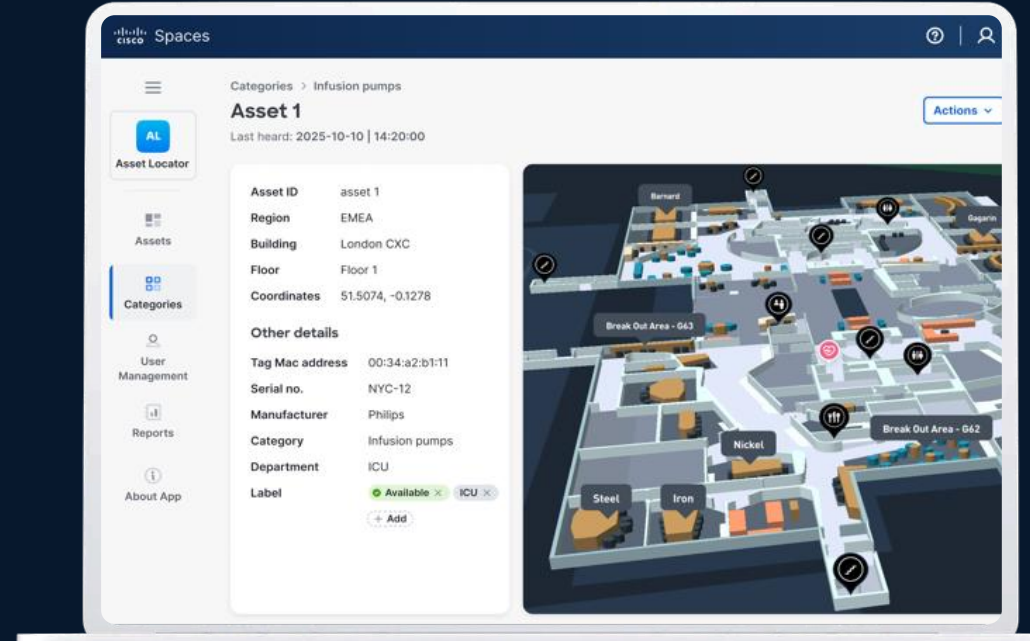
Cisco Asset Tracking

Coming July 2026

NEW!

Real-time visibility for the things that matter – powered by the Cisco Smart Spaces Stack.

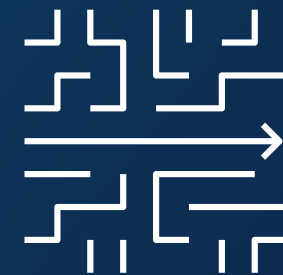
Cisco Asset Tracking is a native, Cisco WiFi-7 powered solution that helps teams instantly find, manage, and account for physical assets—using Cisco Tags, an end user app, and a centralized management dashboard.



Cisco Asset Tracking Demo

Cisco Wireless with UWB + Cisco Tag + Cisco Spaces

Simplified operations Powered by AgenticOps



Assurance is our guarantee
for a great user experience.

It's not a feature, **it's an outcome.**

Operational efficiency is
the true success metric.

Staring at dashboards is not
a primary user workflow.

Automate where possible,
alert/engage when needed.

Your assurance toolkit



Trend-based monitoring

- Experience Metrics (XMs)



Predictive detection & remediation

- Active Testing
- Roaming analytics
- AI PCAP analyzer
- AI Config recommendation



Self-driving optimization

- Action Center
- AI-RRM

Wireless synthetic testing for on-prem

GA in WLC & ThousandEyes
17.18.2

Accelerate Issue Resolution

Reduce MTTR by quickly identifying issues, understanding root causes, and resolving them faster with network baselining and validation along with actionable insights.

Proactively Assure Readiness

Validate infrastructure performance with scheduled synthetic tests, catching issues early – before users connect and after configuration changes occur.

End-to-End Visibility

Track application performance from AP to cloud, monitor unmanaged devices, and run natively on Cisco Wi-Fi APs – no additional hardware required.

At launch
WLC & TE Dash



*CW9172H +
TE endpoint
agent*



Ceiling AP

Requires 17.18.2

Wireless synthetic testing for on-prem

Onboarding Tests

- 2.4 GHz, 5GHz and 6GHz
- WPA2 and WPA3 Open, Personal and Enterprise
- Up to 3 SSIDs and up to 5 BSSIDs on a single band per AP

Network Services Tests

- DHCP failures
- DNS
- EAP failures
- Ping tests
- First Hop Router/Default Gateway
- Intranet Host
- External Host

Application Connectivity

- HTTP & HTTPS
- Collaboration (e.g. Webex, Teams, Zoom)

Network Performance

- Packet Loss
- Jitter
- Latency

GA in WLC and ThousandEyes
17.18.2

AI Radio Resource Management

Peak performance, uninterrupted.

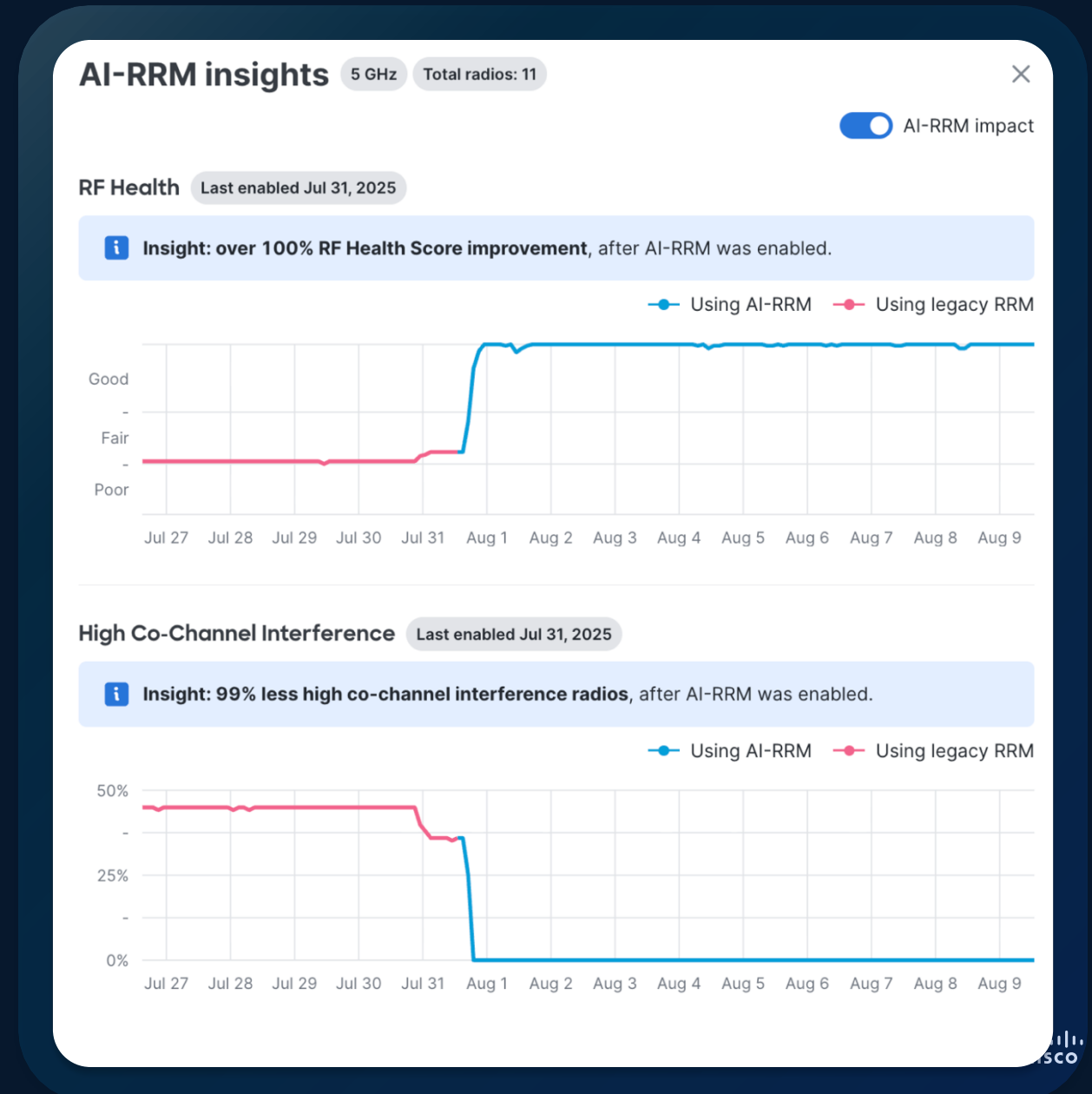
AI-RRM fine-tunes your wireless when it matters most, using advanced AI models powered by 20+ years of Cisco RF expertise and millions of telemetry insights. Customers have achieved:

Up to 200% better signal quality

Up to 10x faster Wi-Fi speeds for clients

“Wireless-related complaints have nearly disappeared, down from 10-20 daily tickets”

--Sr Manager of Network & Telecom, University of Otago



Zebra Client Details

New integration includes:

- Device model
- OS
- Manufacturer
- Serial number
- Disconnect reason codes

Client list & client details

The screenshot shows the Meraki dashboard interface. The main content area displays a 'Clients' section with a usage graph and a table of clients. A client with ID 'Zebra-TC58-221595225D0072' is highlighted in a blue box. A 'Client details' modal is open, showing the following information:

Field	Value
Status	Last seen Jun 3 02:00 View location
SSID	Zebra-Interop WiFi1
Access point	AP2 Topology
User	eap (802.1X login)
Device type, OS	Zebra TC22, Android 14
Serial number	250875247E0123
Device capable Wi-Fi standards	802.11ax - 2.4 and 5 GHz

Timeline view

The screenshot shows the 'Timeline view' of the Meraki dashboard. It displays two events for the client 'Zebra-TC58-221595225D0072':

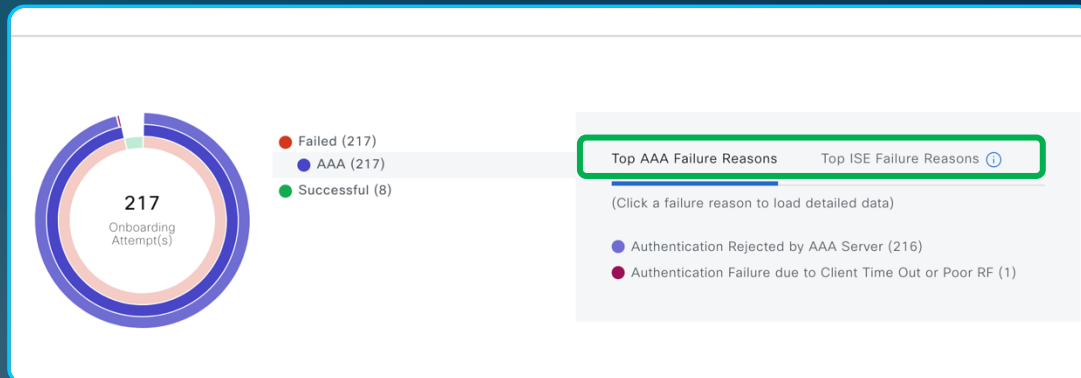
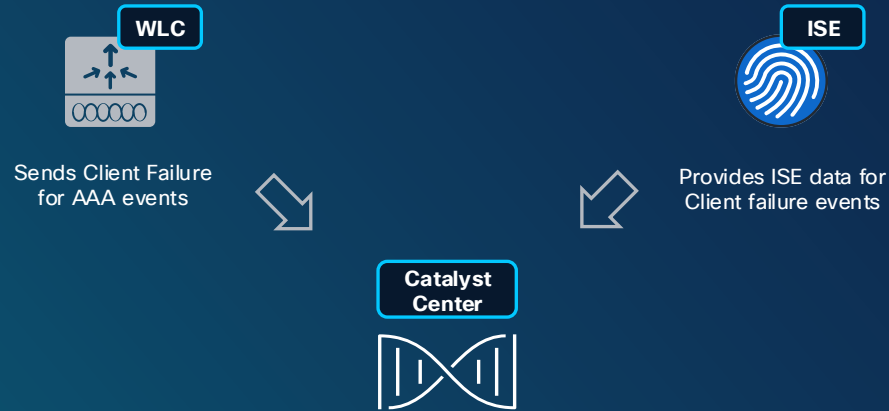
- Jun 2 10:24:00:** Client Zebra-TC58-221595225D0072 had a failed connection to SSID pdumouli-dev on access point 9166 because the DHCP server rejected the client's request.

CHANNEL	BAND	SNR	DHCP SERVER
64	5 GHz	42 dB	198.18.0.1
- Jun 2 10:23:58:** Client Zebra-TC58-221595225D0072 had a successful connection to SSID pdumouli-dev for a few seconds on access point 9166.

CHANNEL	BAND	SNR	TIME TO CONNECT	DISASSOCIATION REASON
64	5 GHz	43 dB	290 ms	User triggered Disconnect

ISE Failure Reason Integration for Clients

Catalyst Center: 3.1.3*
ISE: 3.2p7 and 3.3.p3



- Failure Reasons integrated from ISE
- ISE Failure Reasons clubbed in AAA
- See Top ISE Failure Reasons
- Live logs integrated in Catalyst Center
- See new Security Section integrated in Client 360 Device Info

ISE Failure Reason Integration for Clients

Catalyst Center: 3.2.1*

MLO Clients Triaging Enabled with Multi-Band PCAP

Client Packet Capture

Onboarding Packet Capture Full Packet Capture **OTA Sniffer**

Running OTA Sniffer packet captures will roam associated clients to a nearby AP.

Select OTA Sniffer Band, Radio, Channel & Channel Width
Defaults set to channels and channel widths client **Wireless-MBP**

AP 1: Assurance_9130_3

Radio: R0	Radio: R1	Radio: R2
Band: 2.4 GHz	Band: 5 GHz	Band: 6 GHz
Clients connected: 0	Clients connected: 2	Clients connected: 4
Channel: 1	Channel: 149	Channel: 175
Channel Width: 20 MHz	Channel Width: 40 MHz	Channel Width: 160 MHz
Capture packets: <input checked="" type="checkbox"/>	Capture packets: <input checked="" type="checkbox"/>	Capture packets: <input checked="" type="checkbox"/>

Multi-Radio Select for OTA Sniffer

Automatic Multi-Band Capture

Client Packet Capture

Onboarding Packet Capture **Full Packet Capture** OTA Sniffer

Full PCAP capture all packets sent to and from the AP. Data packets are decrypted and payload can be read. If a MLO capable client is connected to more than one band, packets will be captured on each link and sent as a single PCAP file.

Duration: 30 min

Cancel Save

WLC Advanced Analytics

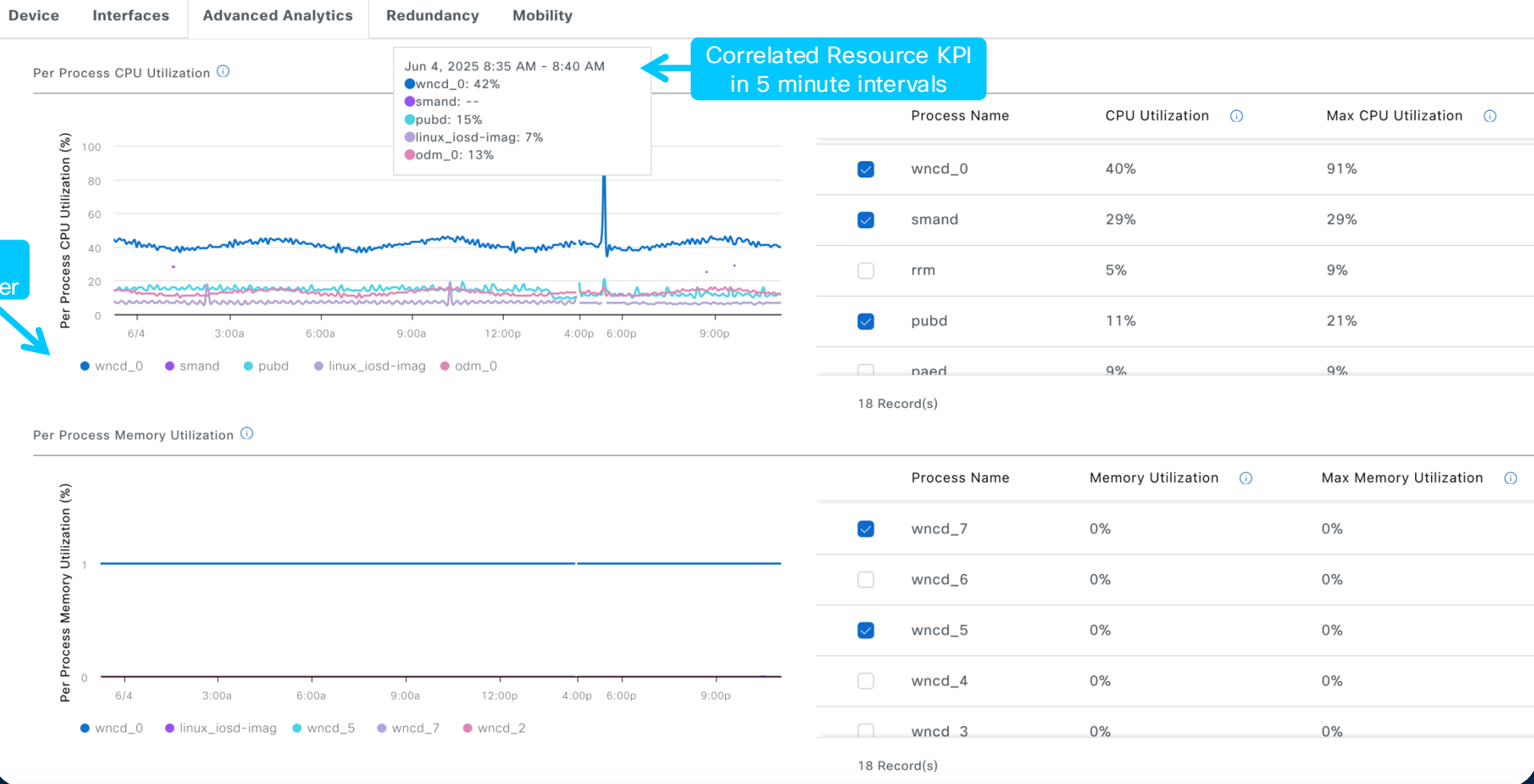
Catalyst Center: 3.2.1*

Dedicated Tab for WLC KPI

New Redundancy tab

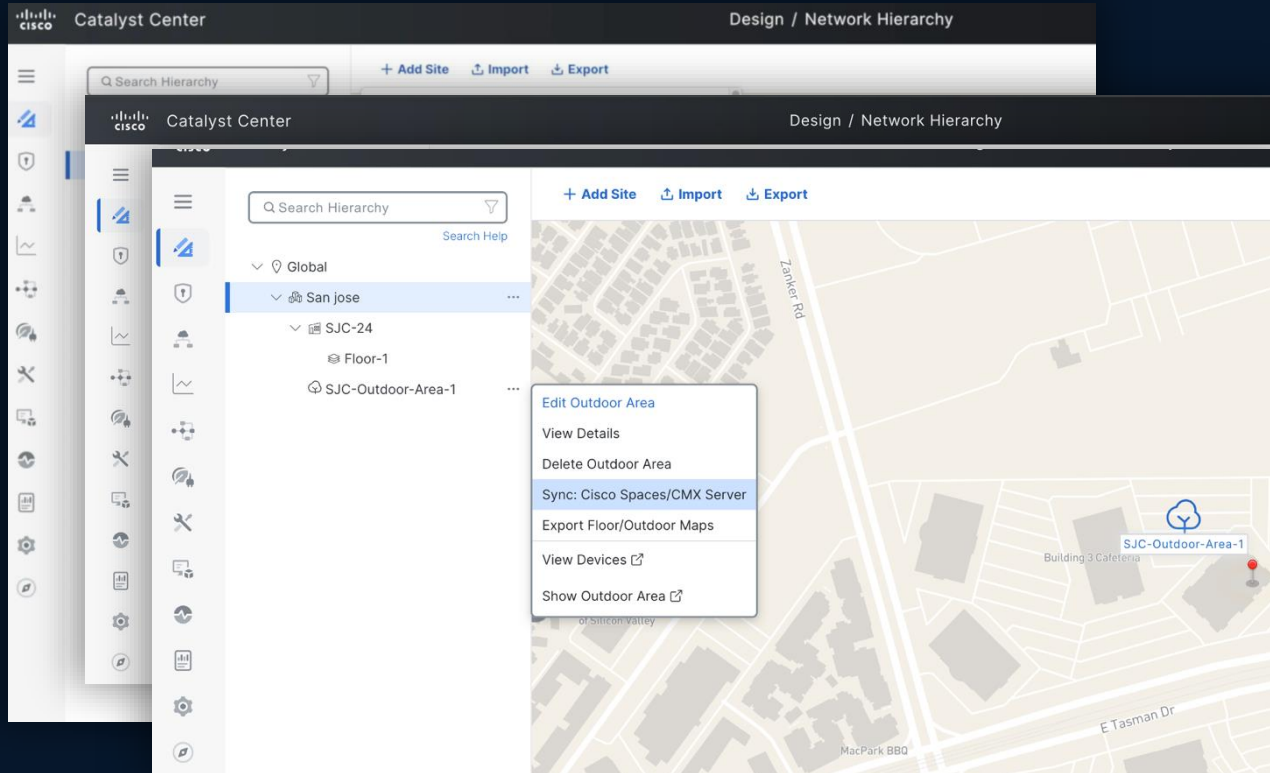
New Mobility tab

Device 360 Wireless Controller



Catalyst Center – Outdoor Area

3.2.1 – Beta (~Mar 26)



You're invited to sign up **TODAY** in anticipation of our **Private Beta Trial** opportunity expected to start soon !!!

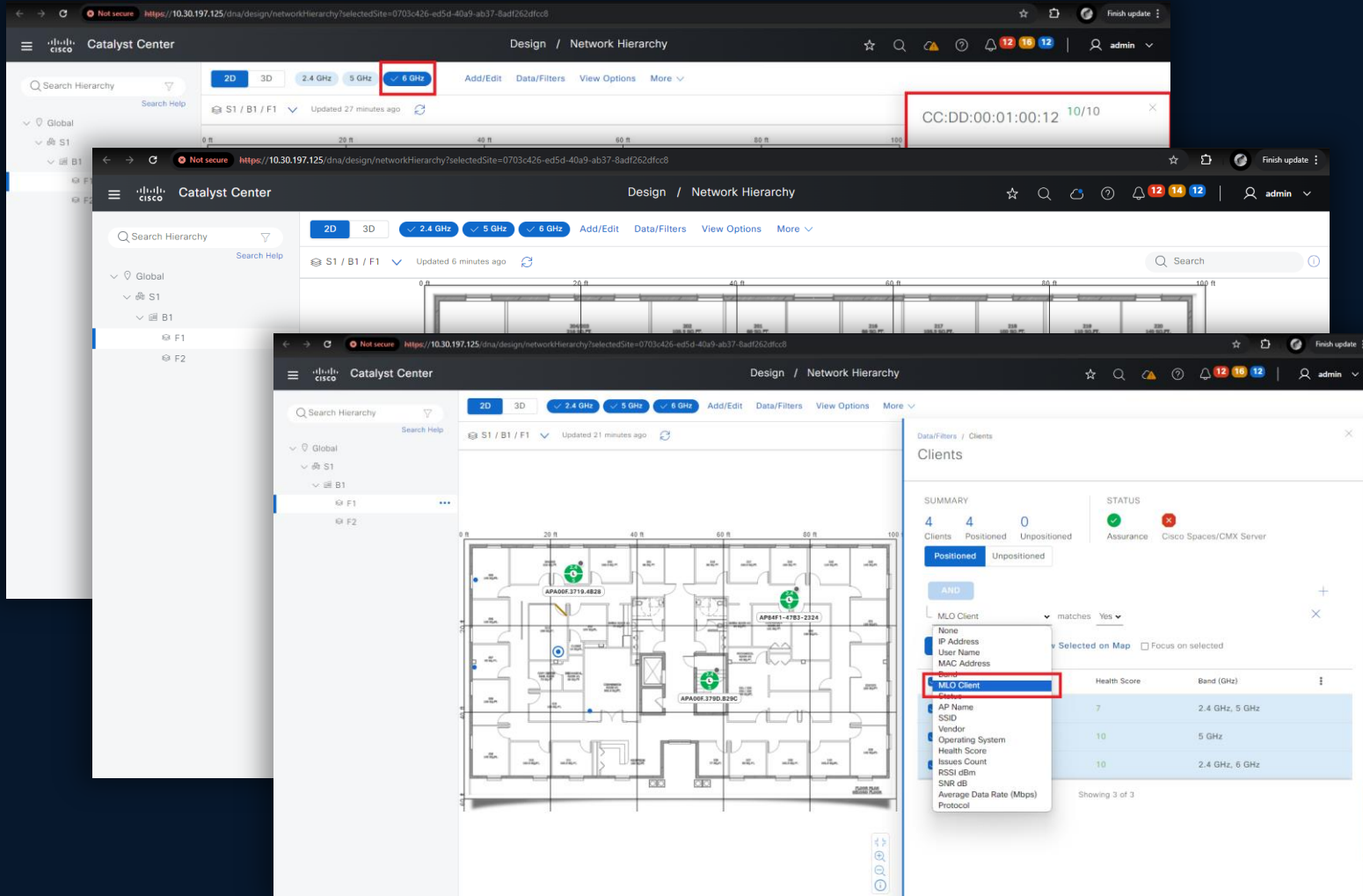
- Migrate Outdoor Area & APs using Prime Data Migration Tool (PDMT)
- Create Outdoor Areas within an Area / Building
- Visualize Mesh & Root APs with Mesh links
- At Launch, there will be support for,
 - Assurance
 - SDA / Non-SDA Automation
 - Rogue Dashboard
 - AI-RRM
 - CMX/Spaces integration
- Upload Outdoor Area Maps
 - Will support large map sizes (DWG, PNG, PDF, DXF, etc.)
 - Cropping maps from Geomap will come in a future release

Real-World Scenarios:

- Campus Networks, Public Spaces / Parking
- Higher Ed
- Industrial Sites (Mining & Manufacturing)

Catalyst Center – Wi-Fi 7 Maps

Catalyst Center: 2.3.7.9
17.15.2 or later



- Visualize Wi-Fi 7 clients on Maps
- Visualize MLO clients with and without multi links
- See client density with Maps
- See client 360 with multi links
- Filter for MLO clients in Data Filters

Live Demos

Proactive Detection & Remediation with Site & Event Analytics + AI-RRM

The screenshot displays the Cisco Catalyst Center interface. At the top, there is a navigation bar with the Cisco logo, the text 'Catalyst Center', and user information 'Jose Correa'. A left-hand navigation menu lists various categories: Design, Policy, Provision, Assurance, Workflows, Energy Management, Tools, Platform, Activities, Reports, System, and Explore. The main content area is titled 'Welcome to Catalyst Center!' and includes a warning message about license compliance and an information box regarding a UI update. Below this, the 'Assurance Summary' section features three cards: 'Health' (showing 57% for Network Devices, 90% for Wireless Clients, and --% for Wired Clients), 'Critical Issues' (showing 0 P1 and 0 P2 issues), and 'Trends and Insights' (showing 0 AP Performance Advisories and 0 Trend Deviations). The 'Network Snapshot' section at the bottom includes three cards: 'Sites' (89 total, with 0 DNS and NTP Servers), 'Network Devices' (37 total, with 0 Unclaimed, 31 Unprovisioned, and 6 Unreachable), and 'Application QoS Policies' (0 total, with 0 Successful Deploys, 0 Errored Deploys, and 0 Stale Policies).

Assurance Summary

Category	Value
Health (Network Devices)	57%
Health (Wireless Clients)	90%
Health (Wired Clients)	--%
Critical Issues (P1)	0
Critical Issues (P2)	0
Trends and Insights (AP Performance Advisories)	0
Trends and Insights (Trend Deviations)	0

Network Snapshot

Category	Total	Sub-category	Value
Sites	89	DNS Servers	0
		NTP Servers	0
		Unclaimed	0
Network Devices	37	Unprovisioned	31
		Unreachable	6
		Successful Deploys	0
Application QoS Policies	0	Errored Deploys	0
		Stale Policies	0

Client Troubleshooting with Client360, ISE integration & Packet Capture

The screenshot displays the Cisco Catalyst Center interface. The top navigation bar includes the Cisco logo, the text 'Catalyst Center', and user information 'admin'. A left-hand navigation menu lists various sections: Design, Policy, Provision, Assurance, Workflows, Energy Management, Tools, Platform, Activities, Reports, System, and Explore. The main content area is titled 'Welcome to Catalyst Center!' and features a notification banner about browser security. Below this is the 'Assurance Summary' section, which contains three cards: 'Health' (showing 36% for Network Devices, 0% for Wireless Clients, and --% for Wired Clients), 'Critical Issues' (showing 0 for P1 and 0 for P2), and 'Trends and Insights' (showing 0 for AP Performance Advisories and 0 for Trend Deviations). The 'Network Snapshot' section follows, with three cards: 'Sites' (7 sites, 0 DNS Servers, 0 NTP Servers), 'Network Devices' (17 devices, 0 Unclaimed, 12 Unprovisioned, 0 Unreachable), and 'Application QoS Policies' (0 policies, 0 Successful Deploys, 0 Errored Deploys, 0 Stale Policies). Each card includes a 'View Details' or 'Add' button.

Assurance Summary

- Health** (Healthy as of Feb 24, 2026 2:01 PM)
 - Network Devices: 36%
 - Wireless Clients: 0%
 - Wired Clients: --%
 - [View Details](#)
- Critical Issues** (Last 24 Hours)
 - P1: 0
 - P2: 0
 - [View Details](#)
- Trends and Insights** (Last 30 Days)
 - AP Performance Advisories: 0
 - Trend Deviations: 0
 - [View Details](#)

Network Snapshot

- Sites** (As of Feb 24, 2026 2:01 PM)
 - Sites: 7
 - DNS Servers: 0
 - NTP Servers: 0
 - [Add Sites](#)
- Network Devices** (As of Feb 24, 2026 2:01 PM)
 - Network Devices: 17
 - Unclaimed: 0
 - Unprovisioned: 12
 - Unreachable: 0
 - [Onboard devices](#)
- Application QoS Policies** (As of Feb 24, 2026 2:01 PM)
 - Application QoS Policies: 0
 - Successful Deploys: 0
 - Errored Deploys: 0
 - Stale Policies: 0
 - [Add New Policy](#)

Thank you

