



Next Generation Wireless

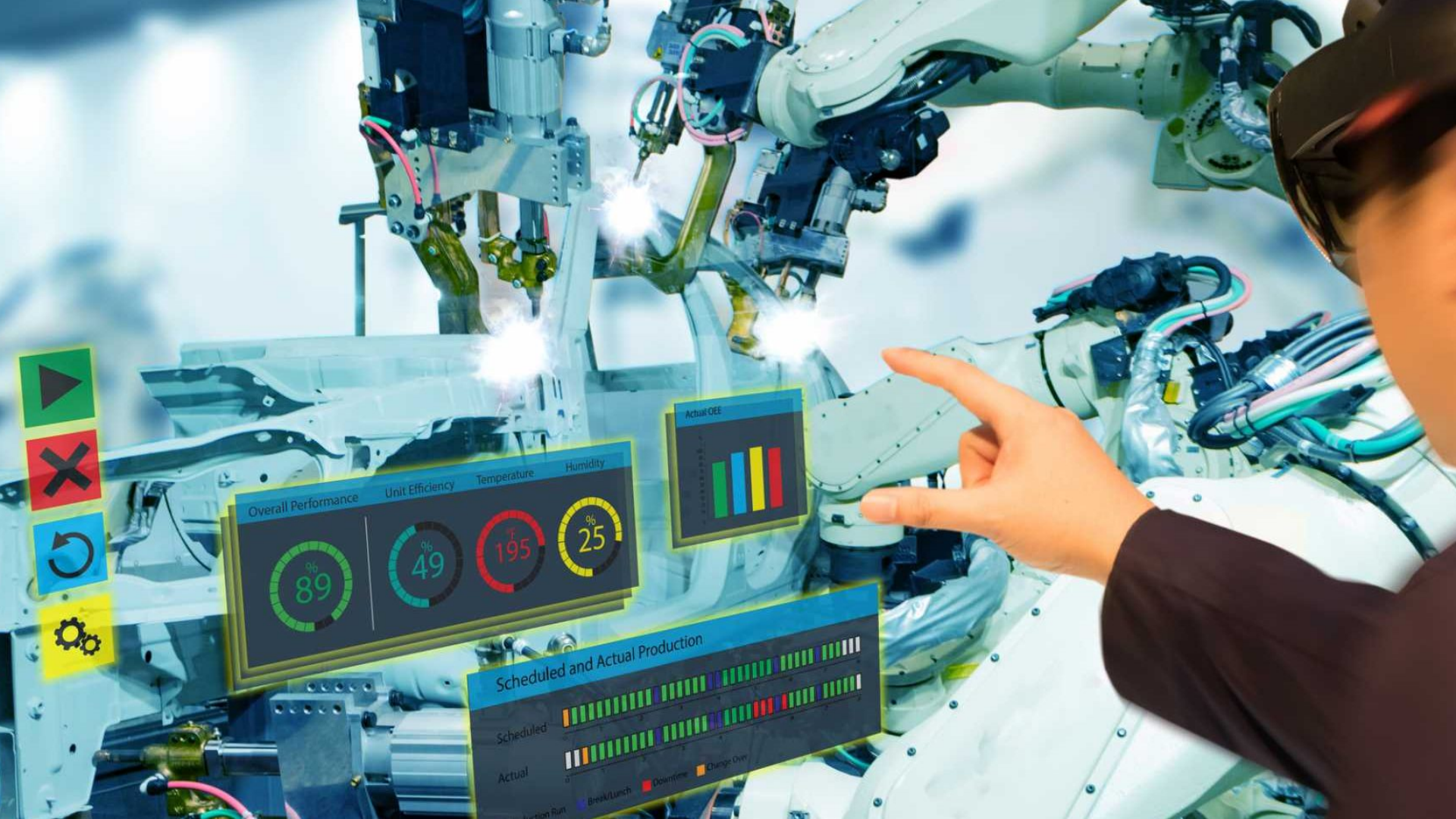
Enabling new solutions and driving new business outcomes

Mark Krischer

Principal Wireless Architect, Asia-Pacific, Japan and Greater China

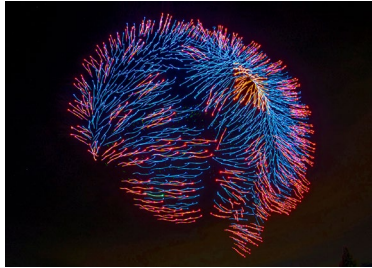
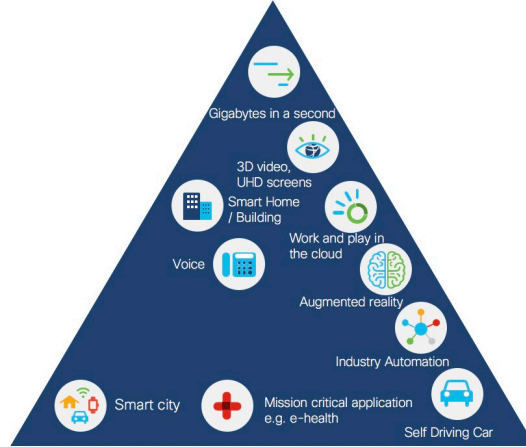
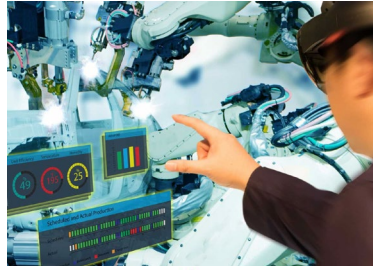
A person wearing a light blue lab coat is interacting with a large, tilted digital display. The display shows a 3D anatomical model of a human torso, with the person's hands touching the screen. The background is a plain, light-colored wall.

What can be delivered digitally,
must be delivered digitally











Please Wash
Your Hands





Cisco DNA Spaces. 10.47AM

Threshold Alert in B10. **Crossed 100%.**

Proximity Reporting

Proximity Interactions Heat Map

Heat Map shows the interactions of the identifier with other clients in the building.

	Within 30ft (10 m)	Same Floor (but not within 30ft (10 m))	Same Building (but not in the same floor)
More than 4 Hours	1	0	0
Less than 4 Hours (> 15 mins and < 4 hours)	87		
Less than 15 minutes (> 0 mins and <= 15 mins)	114		

Density Triggers

← Create Density Rule RULE NAME: San Jose Campus Density

Choose any or all of the options that apply to your rule below

SENSE

When a user is connected to WiFi and the density is visitors per sqft

The rule will trigger when 1 min density counting of the number of connected devices in specified area.

LOCATIONS - Where do you want the rule to fire?

At any of the following locations

+ Add Locations

Building 10 × Building 24 × Building 22 Cafeteria ×

SUMMARY

RULE NAME
Campus Density

SENSE
When a user is connected to WiFi and the density is more than 60 visitor(s) per 100 sqft

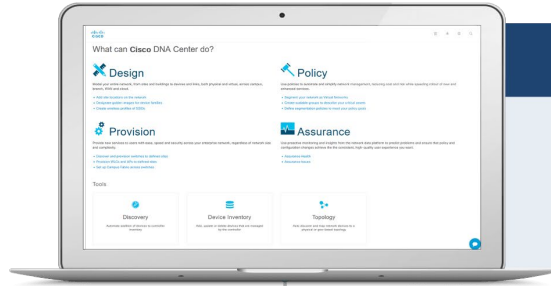
LOCATIONS
For all locations under
Building 10, Building 24,
Building 22 Cafeteria

SCHEDULE
Starts from 27 May 2020 to 30 June 2020

ACTION
Send Notification
via trigger API







Cisco DNA Center



Policy



Provision



Design



Assurance

Cisco DNA Center Appliance



Physical and Virtual infrastructure



Cisco DNA Center

- Policy
- Provision
- Design
- Assurance

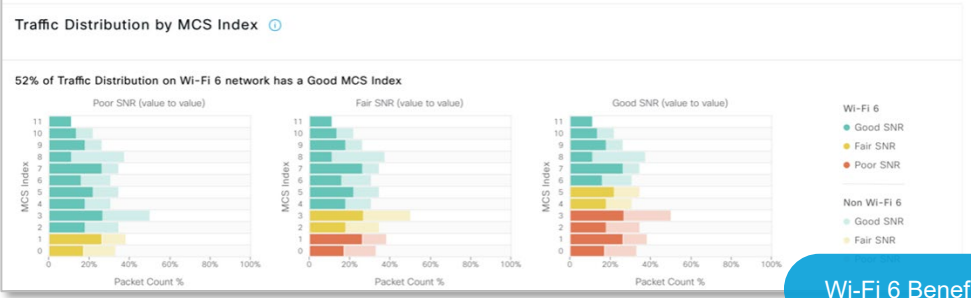
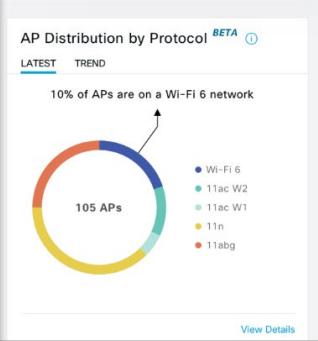
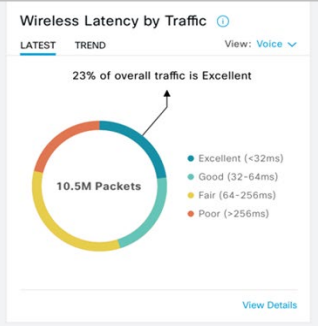
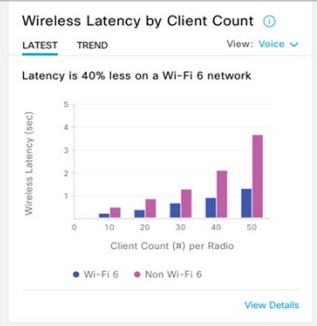
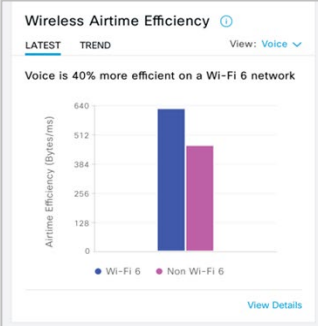
Wi-Fi 6 Readiness Dashboard



Insights

18% of clients in the network are Wi-Fi 6 capable. Your AP Infrastructure is 25% ready for Wi-Fi 6.

Consider the following changes: (1) Upgrade your controller OS version to AireOS 8.10 or IOS-XE 16.12 to enjoy the benefits of Catalyst 9100 Series Wi-Fi 6 APs



Wi-Fi 6 Benefits Dashboard

Cisco DNA Center

- Policy
- Provision
- Design
- Assurance

Cisco DNA Center Appliance



Physical and Virtual infrastructure



Rogue and aWIPS New Threat

This report provides for the detailed information about the new rogue AP's and aWIPS threats that are seen in the network

CSV

TDE

JSON

Generate

Rogue and aWIPS Threat Detail

This report provides for the detailed information about the rogue AP's and aWIPS threats that are seen in the network

CSV

TDE

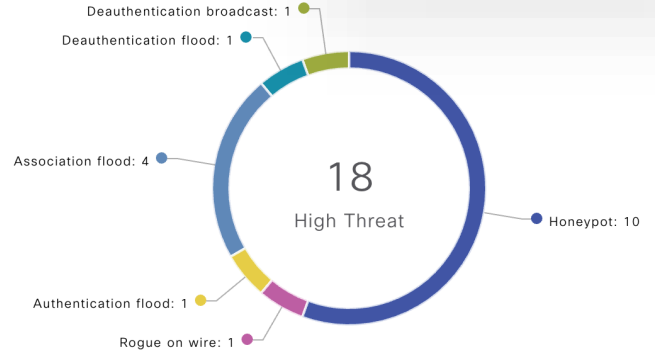
JSON

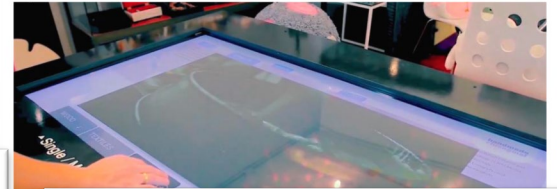
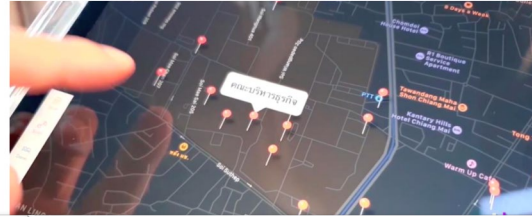
Generate

Rogue Detection and Advanced wIPS

High Threat Summary

Active High Threats







EnOcean
Self-powered IoT

PlaceOS



skyfii^{iO}

LOCAL MEASURE



IBM TRIRIGA

SAP



CISCO *Connect* ASEAN

#CiscoConnectASEAN

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Meraki Dashboard and Meraki Wireless





Cisco DNA Spaces. 10.47AM

Threshold Alert in B10. **Crossed 100%.**

Monthly footfall: All locations

No. of entries at all properties in group during the current month

Sample Data

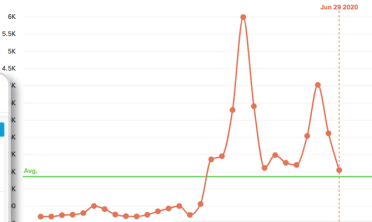
41,015

 Visitors Seen

Daily Footfall:

Entries to property. Trend across each day of the month

Sample Data



● **Daily footfall:** Sum of entries at all day of the month till date

● **Average daily footfall:** Average of all days in the month till date

Density Triggers



Create Density Rule

RULE NAME: Cisco Connect

Choose any or all of the options that apply to your rule below

SENSE

When **people are seen on camera** and **count** is **more than** **50** at any floor

The rule will trigger when 1 min density counting of the number of connected devices in specified area.

LOCATIONS - Where do you want the rule to fire?

At any of the following locations

+ Add Locations

Return to Work X

SUMMARY

RULE NAME: LIVE
Cisco Connect

SENSE
When **people are seen on camera** and **count** is **more than** **50** at any floor

LOCATIONS
For all locations under
Return to Work

SCHEDULE

ACTION
Business user only once
via Cisco Webex Teams

RIGHT NOW 5:56 PM Your local time Location: Company X Filter by Tags: No Tags

Active Visitors present right now (MV Cameras)
No of visitors across all locations

34 Active Visitors

● No of visitors in ALL group locations
● Avg. no. of visitors present at ALL group locations during 5:56 PM, Monday during the past 51 weeks

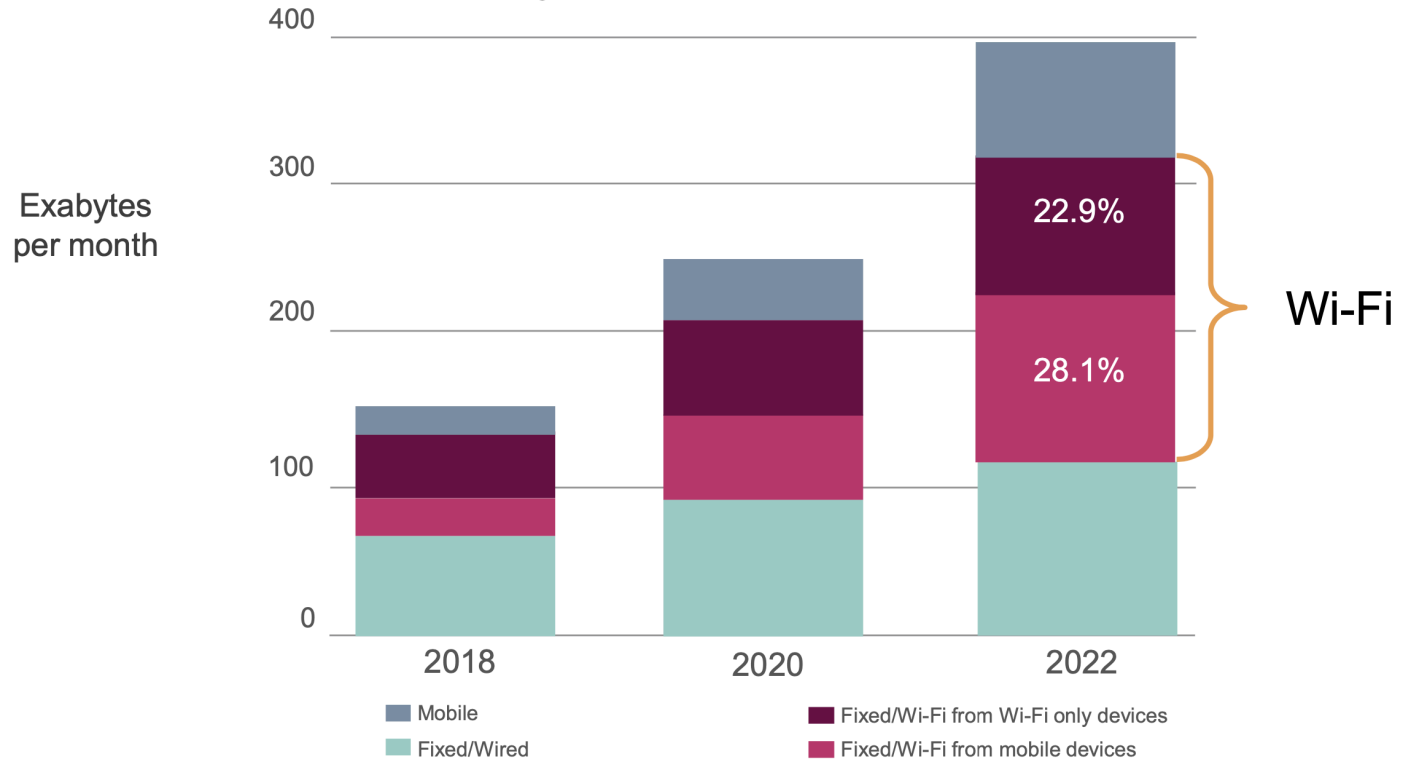
Camera Metrics

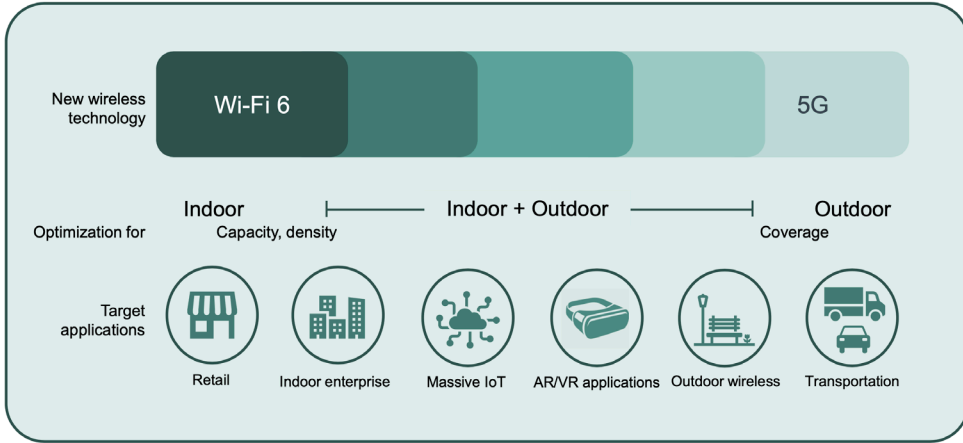






Global Data Traffic by Local Access Medium





Exabytes per month

