

Cisco Webex App

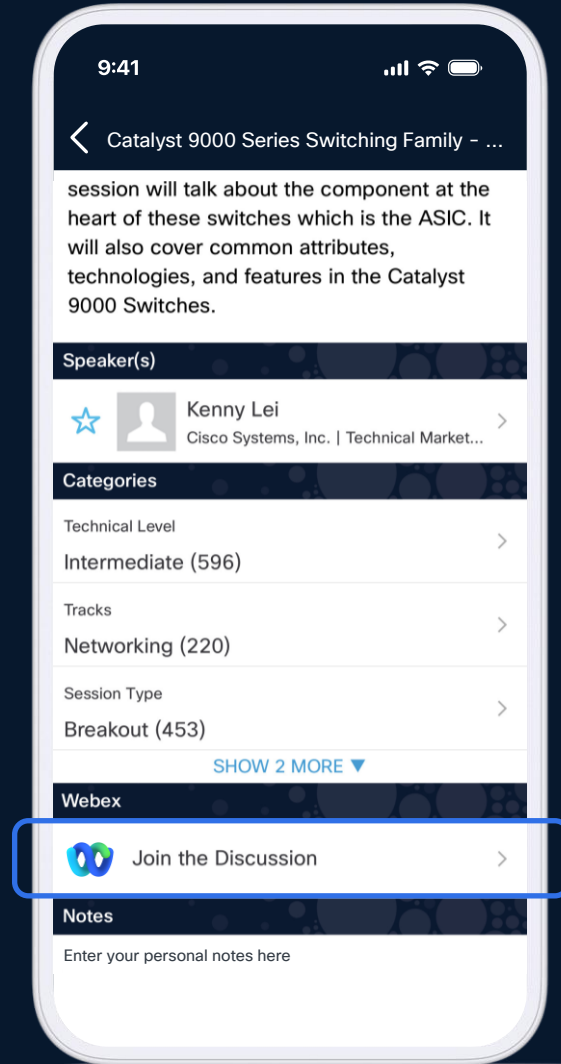
Questions?

Use Cisco Webex App to chat with the speaker after the session

How

- 1 Find this session in the Cisco Live Mobile App
- 2 Click “Join the Discussion”
- 3 Install the Webex App or go directly to the Webex space
- 4 Enter messages/questions in the Webex space

Webex spaces will be moderated by the speaker until 14 November 2025.



Backbone to the Future: Unlocking Innovation with AI-Ready Infrastructure



cisco Live !

Guru Shenoy
Senior Vice President, Product Management -
Provider Connectivity
Cisco

Asif Khan
Executive Manager, Wireless Architecture &
Strategy | Fixed Wireless Engineering |
Regional Development & Engagement
NBN

AI adoption continues to grow, expanding from training to inferencing

33%

increase in demand for AI
DC capacity through 2030¹

82%

CAGR for AI network
traffic through 2029²

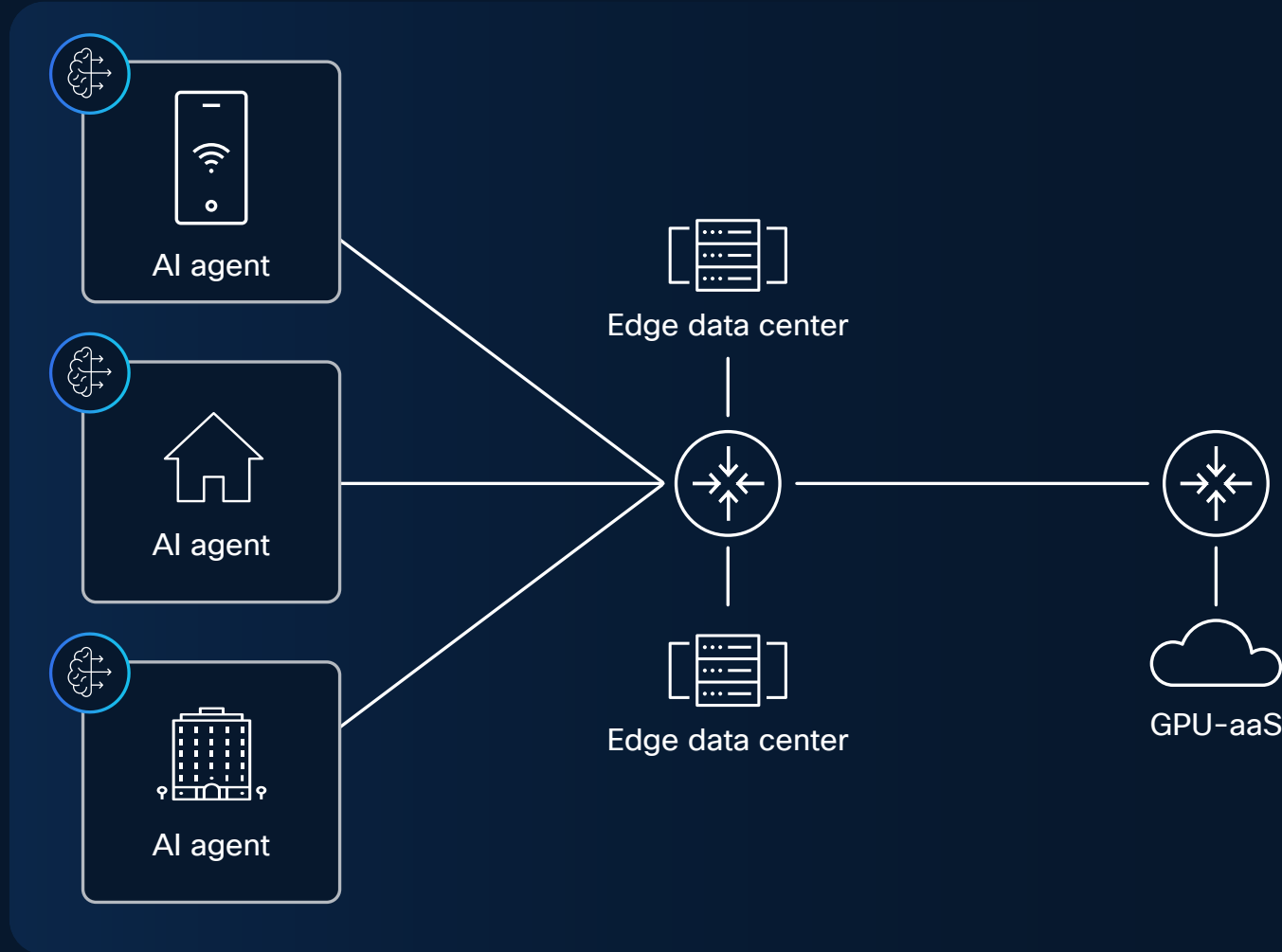
3,800%

increase in tokens processed
by AI models³

75%+

inferencing / processing
moves to edge by 2030⁴

Where AI exists in the network



What makes AI traffic different



Higher bandwidth



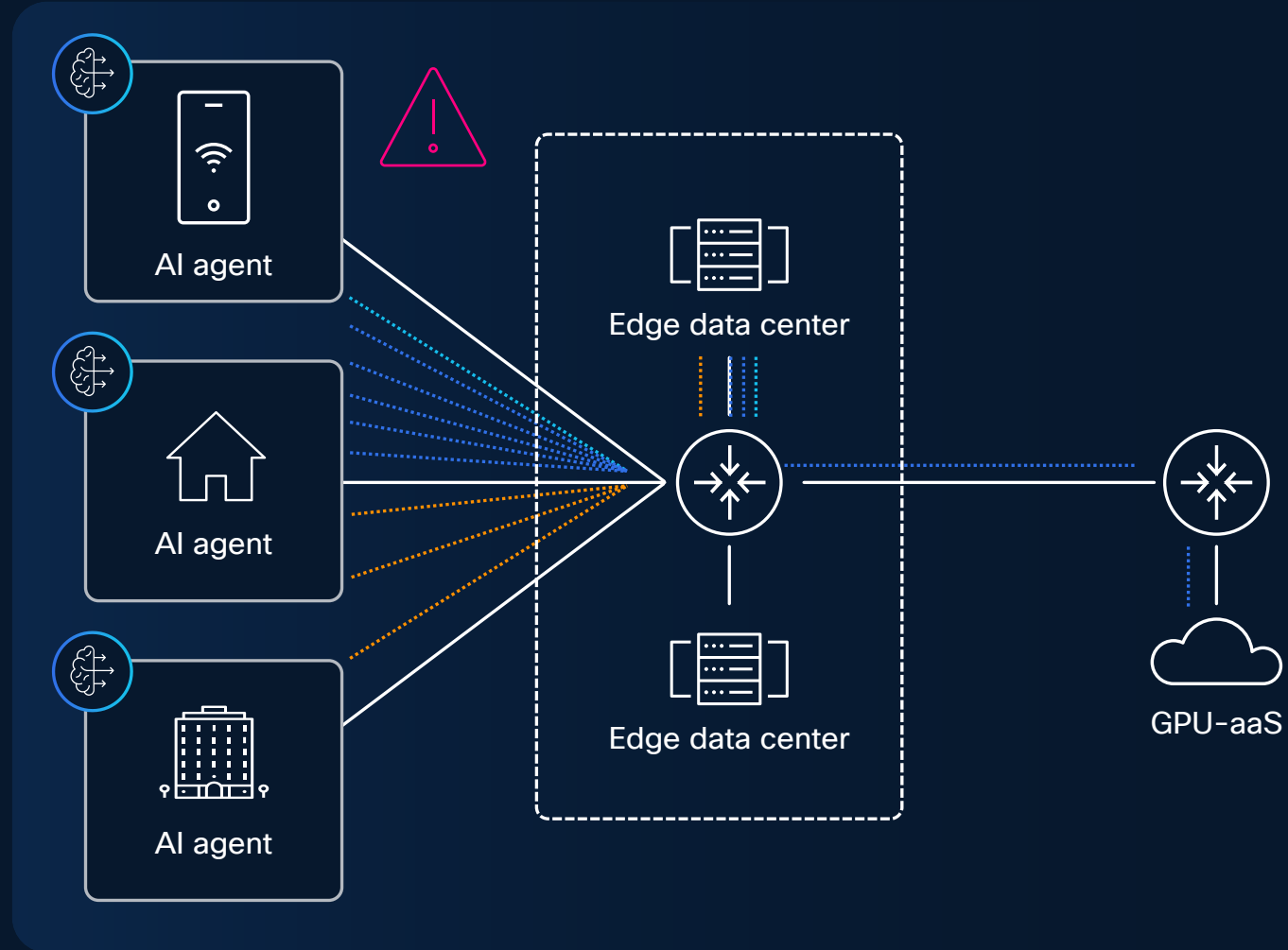
More upstream traffic



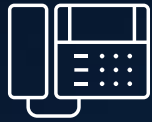
Latency sensitive



Multi-directional



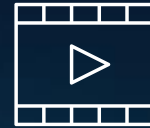
You are the backbone of the agentic Internet.



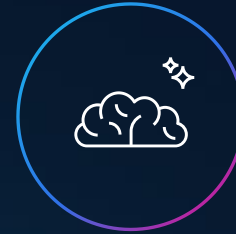
Voice



Data



Video



AI

Mass-scale infrastructure for the AI era

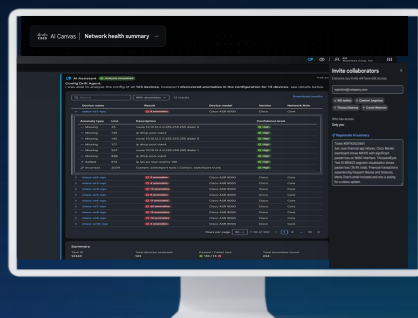
Agile Services Networking

Infrastructure
purpose built for AI



Cisco 8000

Streamline and
scale operations



Crosswork Network
Automation & Assurance



Boost services
innovation



Secure AI
Factory



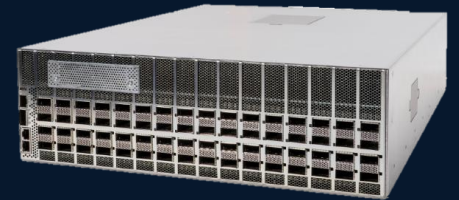
← SECURITY EVERYWHERE →

Cisco 8223 Powered by Cisco Silicon One P200

Cisco 8223-64EF
51.2T, 3RU, 64 x 800G (OSFP800)



Cisco 8223-64E
51.2T, 3RU, 64 x 800G (QSFP-DD800)

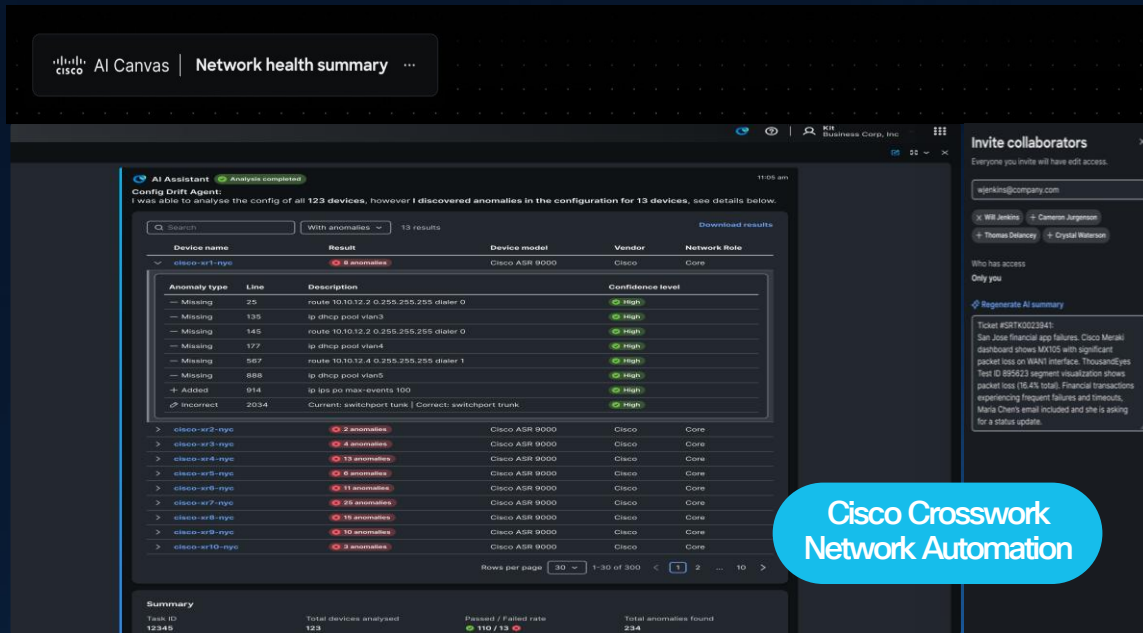


P200- 51.2T Router Chip
Power Efficient. Scalable.
Programmable. Secure.

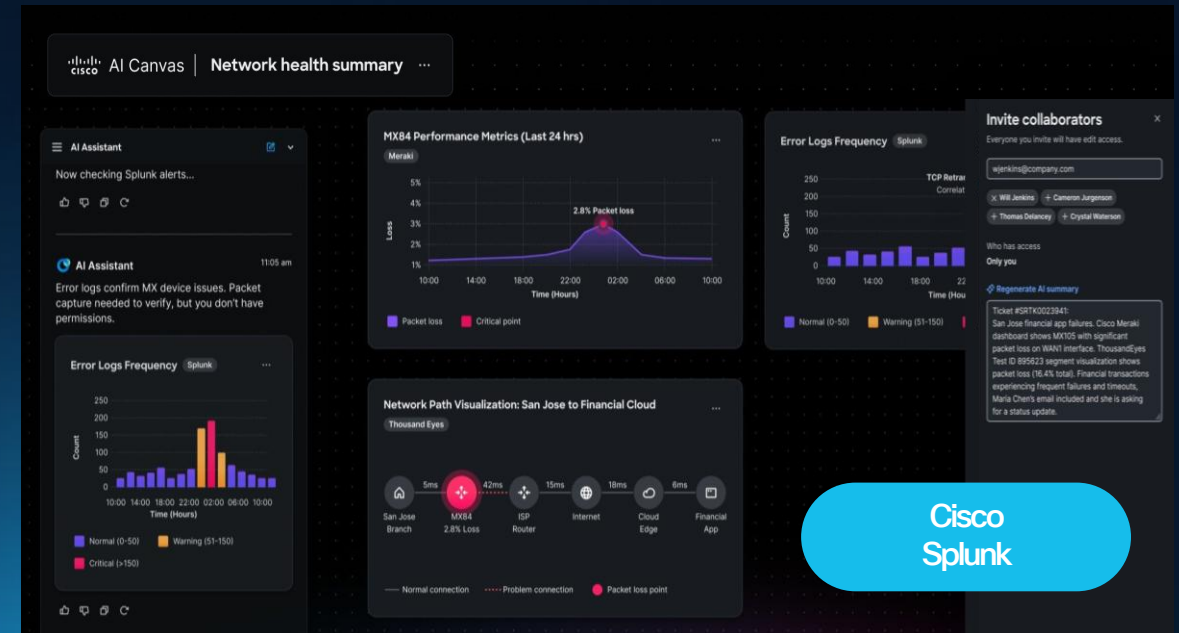
8223 Routing Systems
Industry's most scalable, efficient, secure 51.2T
Routing System for Scale-Across

Autonomous Operations

AI driven NOC



SOC of the future



Powered by Cisco Agile Services Networking



600M

mobile and 100M
homes connected

300K

cell-site routers
largest footprint



34%

less power
consumption



70%

reduced footprint
and power



(formerly Telia Carrier)

76%

OPEX savings

64%

CAPEX savings



We require reliable networking, microsecond latency, and assurance. One small interruption forces us to stop our processes. This is where Cisco comes into play.

Dr. Thomas Kampa
IT Solution Architect, Audi



Asif Khan

Executive Manager – Wireless Architecture and Strategy | Fixed
Wireless Engineering | Regional Development & Engagement
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Thank you

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