

Driving Mobile Revenues with 5G and AI

Cisco Connect Türkiye

October 7th 2026

Eric Hamel, Director Solutions Engineering
Provider Mobility



Mobile Market Drivers

Drivers for 5G

IoT is growing **twice as fast** as the industry*

CAGR 5%

2020-2024

CAGR 6%

2024-2027

...and the enterprise segment **even faster***

CAGR 10-15%

2022-2027

Accelerated by AI and Apps

Video Analytics

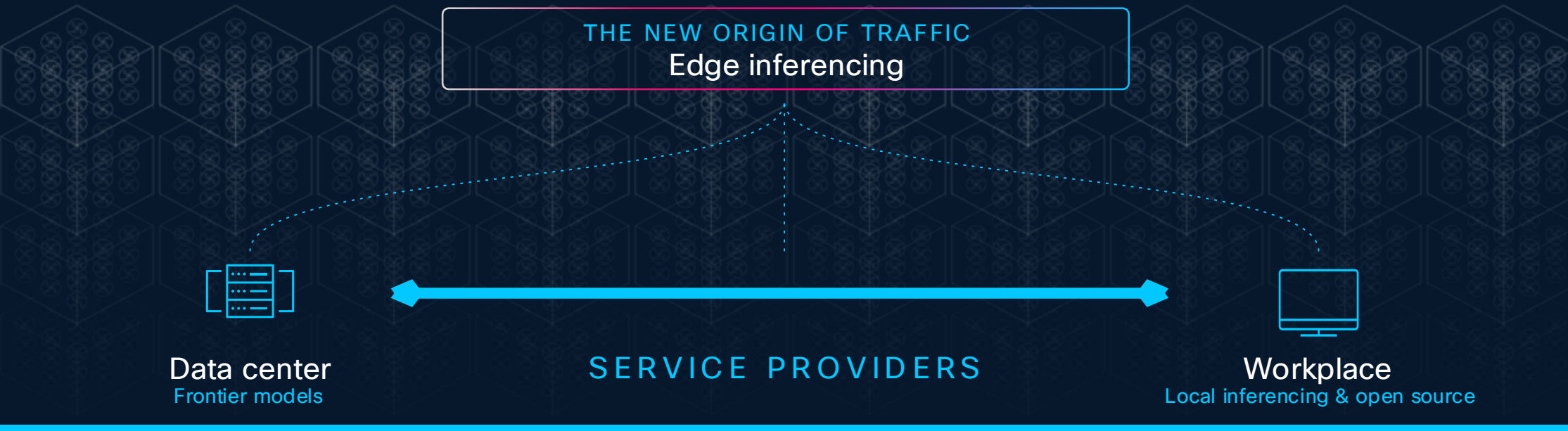
Edge Inferencing

Agentic AI

Autonomous Cars

AI Market Evolution

Networking Supercycle will lead into Mobility



Inference is the new workload Agents are the new workforce Tokens are the new currency Control is the new moat

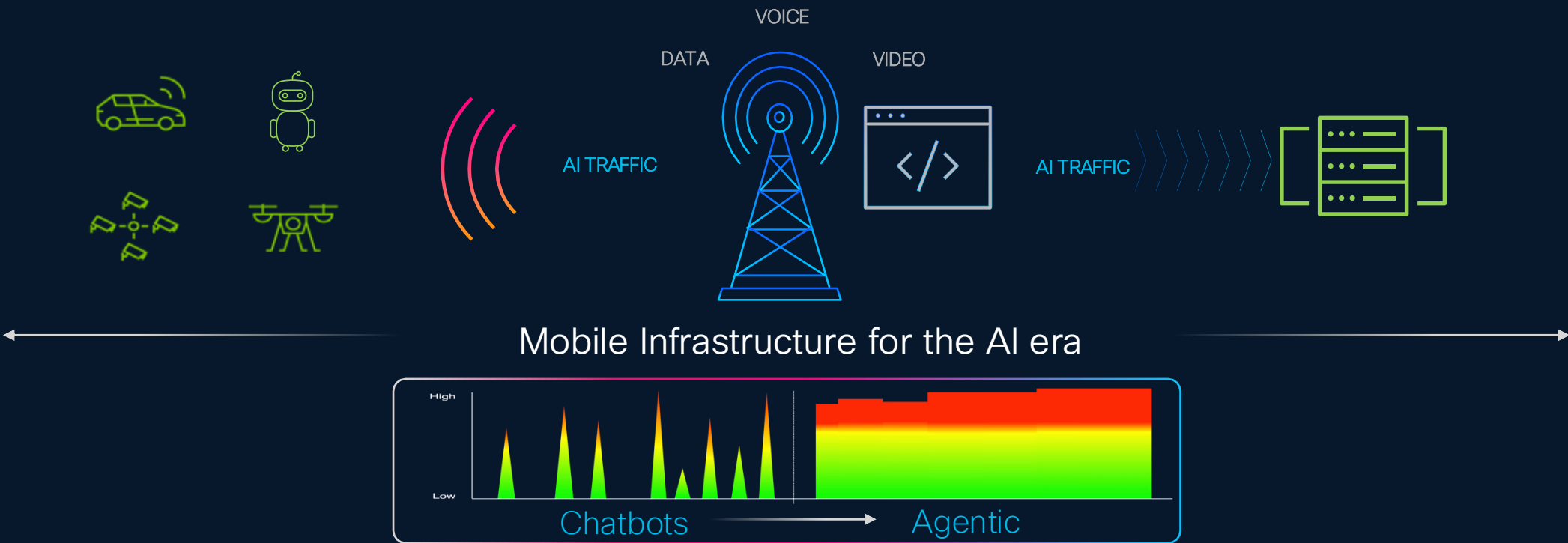
AI for Wireless and Wireless for AI

Infuse AI into network and prepare network for AI

Agentic Devices

AI infused Mobile Network

Secure AI Factories



Cisco Provider Mobility and AI



Automation, control and programmability



Operational efficiency and faster time-to-market for new services



RAN aerial



NVIDIA

+ Partners

Efficient spectrum utilization



Mobile core, routing,
and security



High performance and resiliency



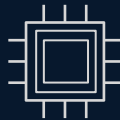
Inferencing closer
to device



NVIDIA

+ Partners

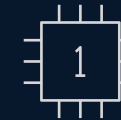
Enhanced AI model deployment



CPU + GPU + DPU



Accelerated computing



Silicon One



Unified silicon architecture

Cisco Provider Mobility and AI

Cisco Provider Mobility Offers

On-prem Deployments



LTE EPC
Virtualized Core

5G

Any G
Cloud Native Core

-aaS hybrid cloud deployments



IoT Control Center



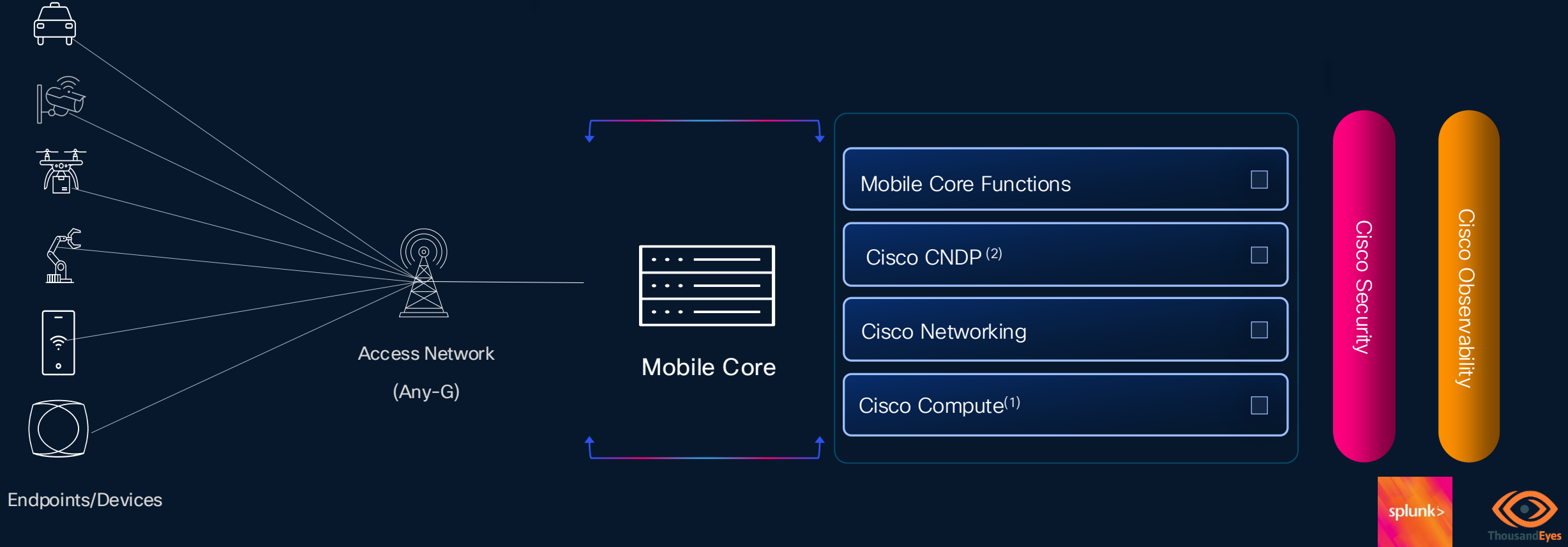
Private 5G

5G

Programmable
Core

Cisco Mobility Services Gateway

Cisco Mobile Core - High Level Architecture

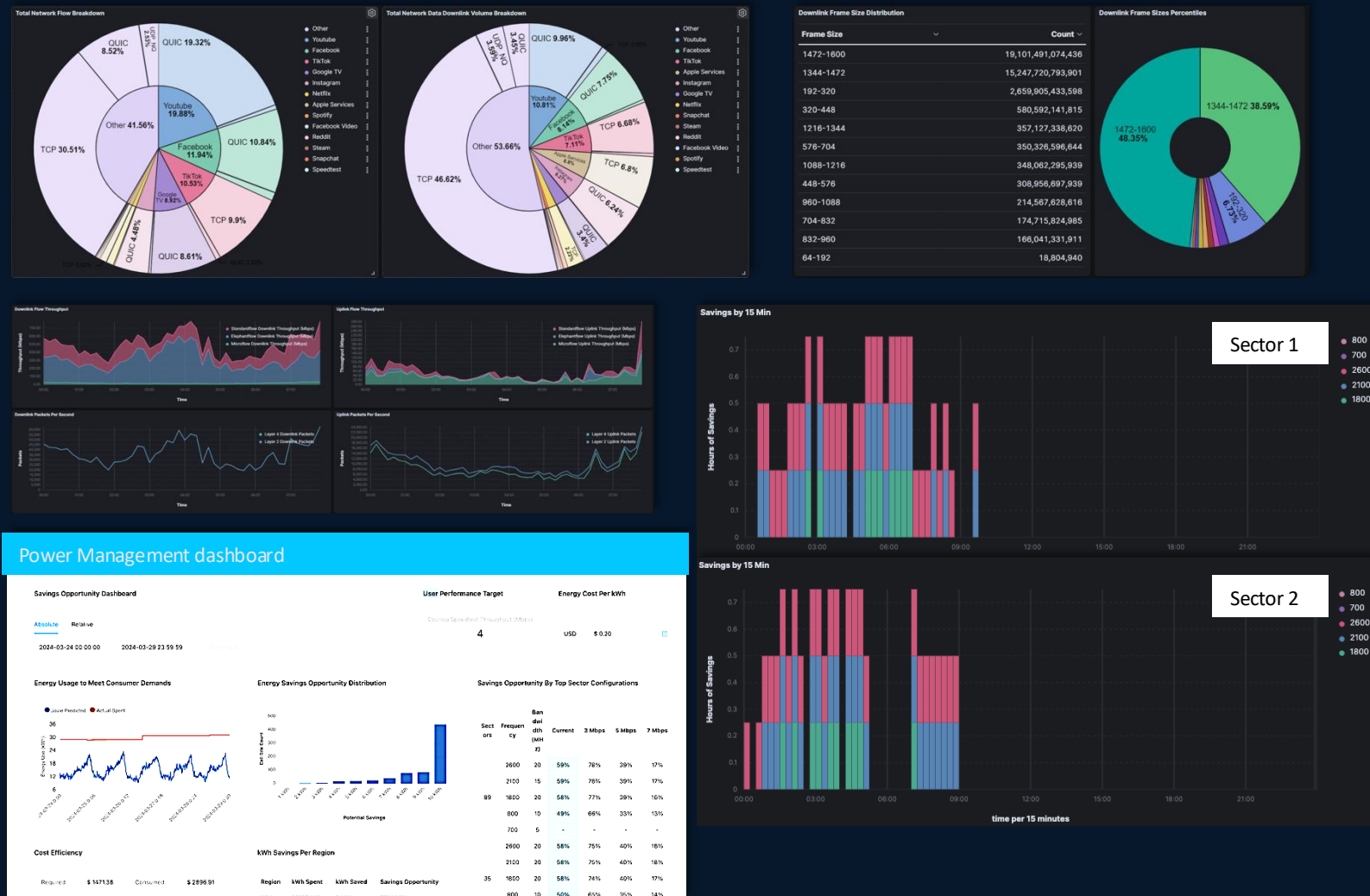


Notes:

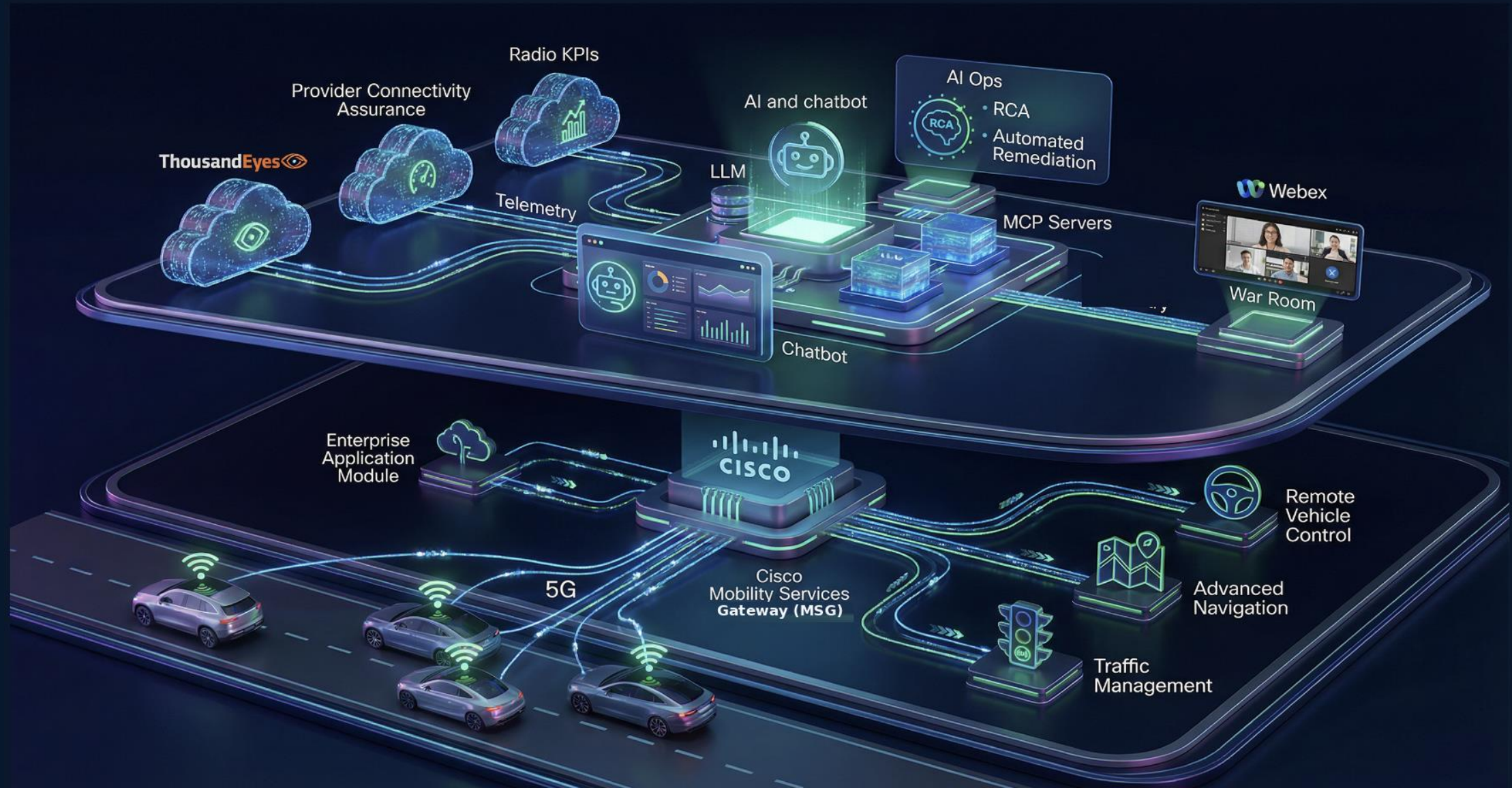
(1) 3rd party HW can be supported

(2) RedHat Openshift (RHOCP) is another option

The new network currency is actionable data



AI OPS Driven Mobile Network and Applications



Cisco Mobility Services Platform

Accelerating Time-to-Market

Traditional mobile telecoms

Box-by-box

License model

Local/own network

Closed networks

Own/vendor innovation

Adjacent competing ecosystems

Systems

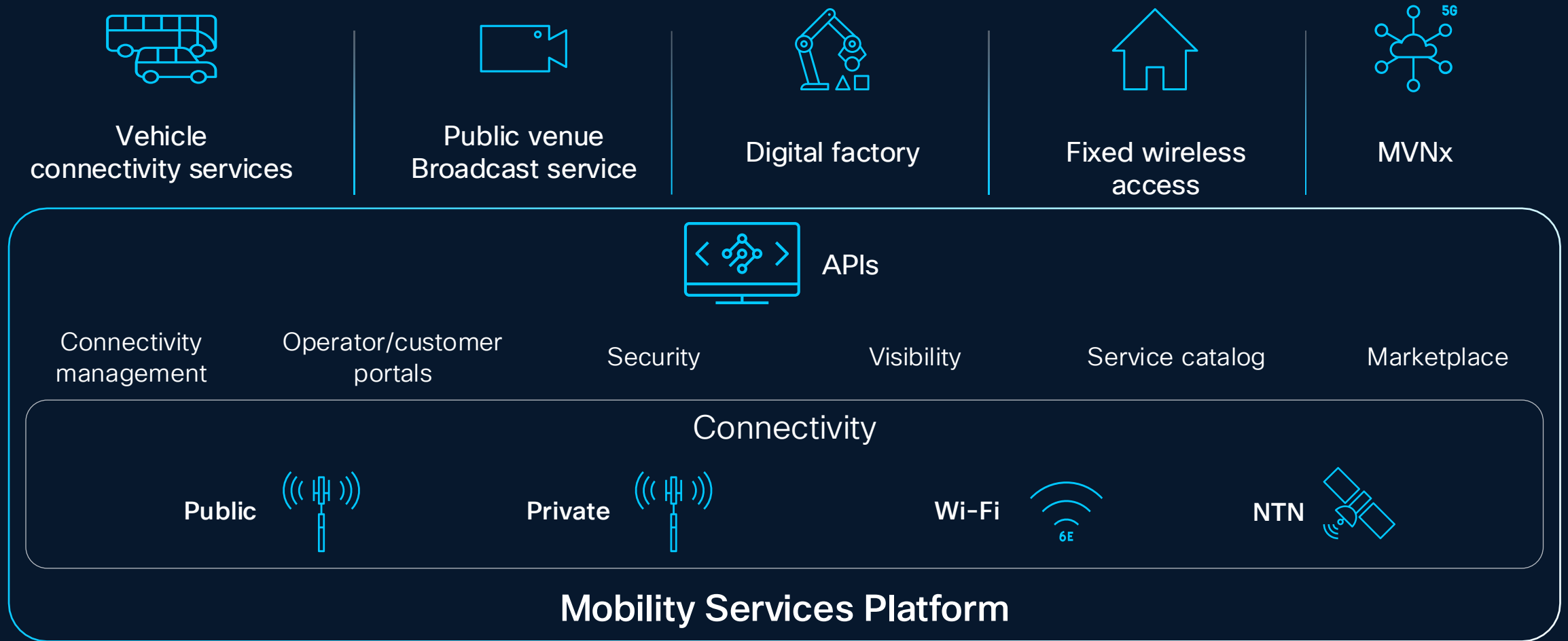
aaS model

Global

Open, API-ed

Ecosystems

Introducing Cisco Mobility Services Platform



Mobility Services Platform

Connectivity Management

300+ Million End points
100+ Countries

100+ Million cars
50+ Million public services

60+ CSP partners
And 30K+ Enterprise customers

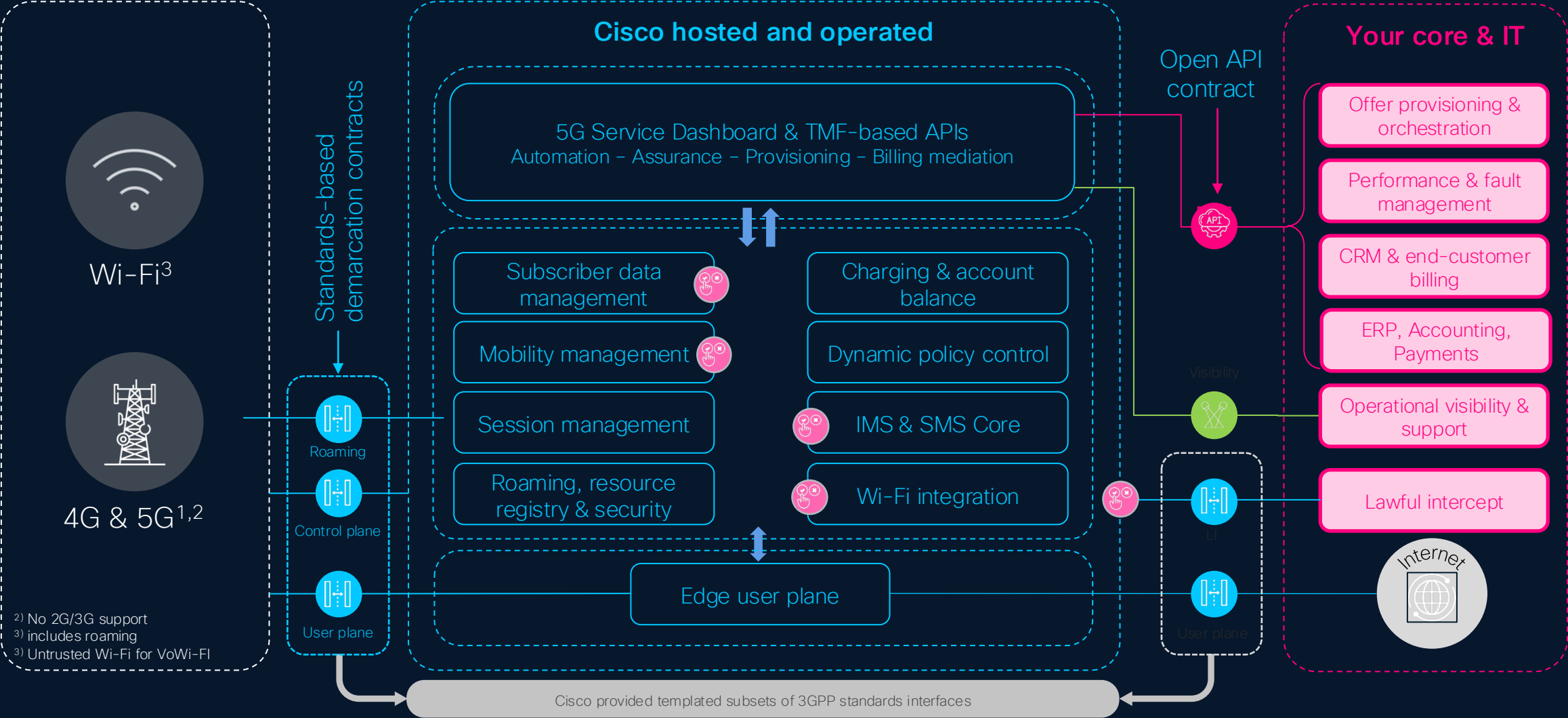
Counterpoint Research’s
Connectivity Management Platform (CMP) Rankings, 2025



Frost & Sullivan 2024 & 2025 Company of the Year
Global Mobile IoT Platform



Mobility Services Platform Details



Creating Mobility services with Cisco MSP platform



<https://apps.mobility.cisco.com/>

The screenshot shows the 'Applications to increase revenue' page on the Cisco Mobility Services Platform. The page features a header with the title and a 'Request early access' button. Below the header is a section titled 'Featured applications' with a grid of application cards. The cards include: 'Upstream' (Harness Mobility Data for AI and Cybersecurity), 'Ubiquia Lighting-as-a-Service' (Lighting as a Service (LaaS)), 'Ubiquia Power Quality as a Service' (Power Quality as a Service), 'ONRELAY' (Your business goes wherever you go), 'Youello' (Customer Management at Your Fingertips), 'Productive.ai' (The AI Assistant for your mobile calls), and 'Smart Voicemail - Pro' (Read your voicemail and custom-greet your contacts). Each card has a small icon and a 'Request early access' button.

Smart networks transform physical industries



Cities



Roads



Ports



Clinics



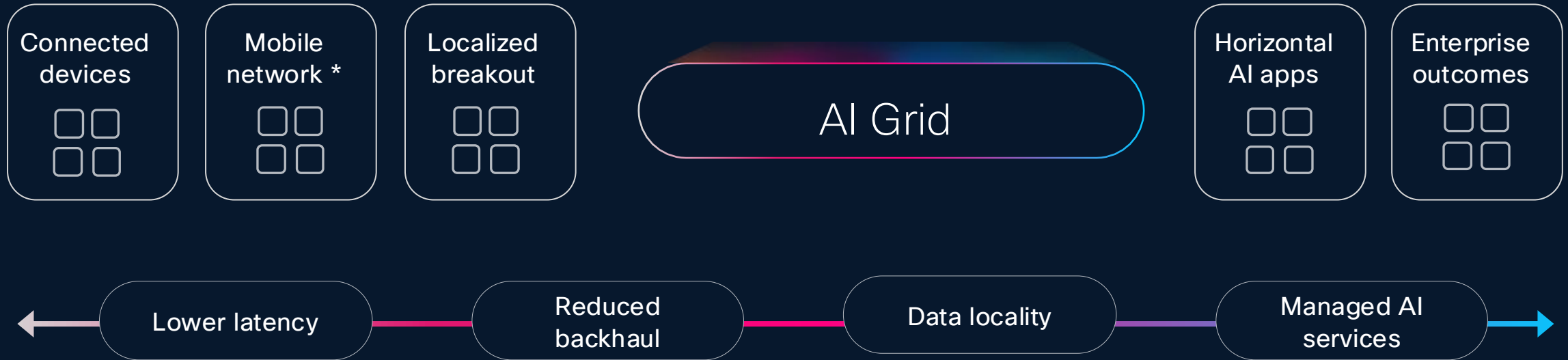
Farms

AI Grid

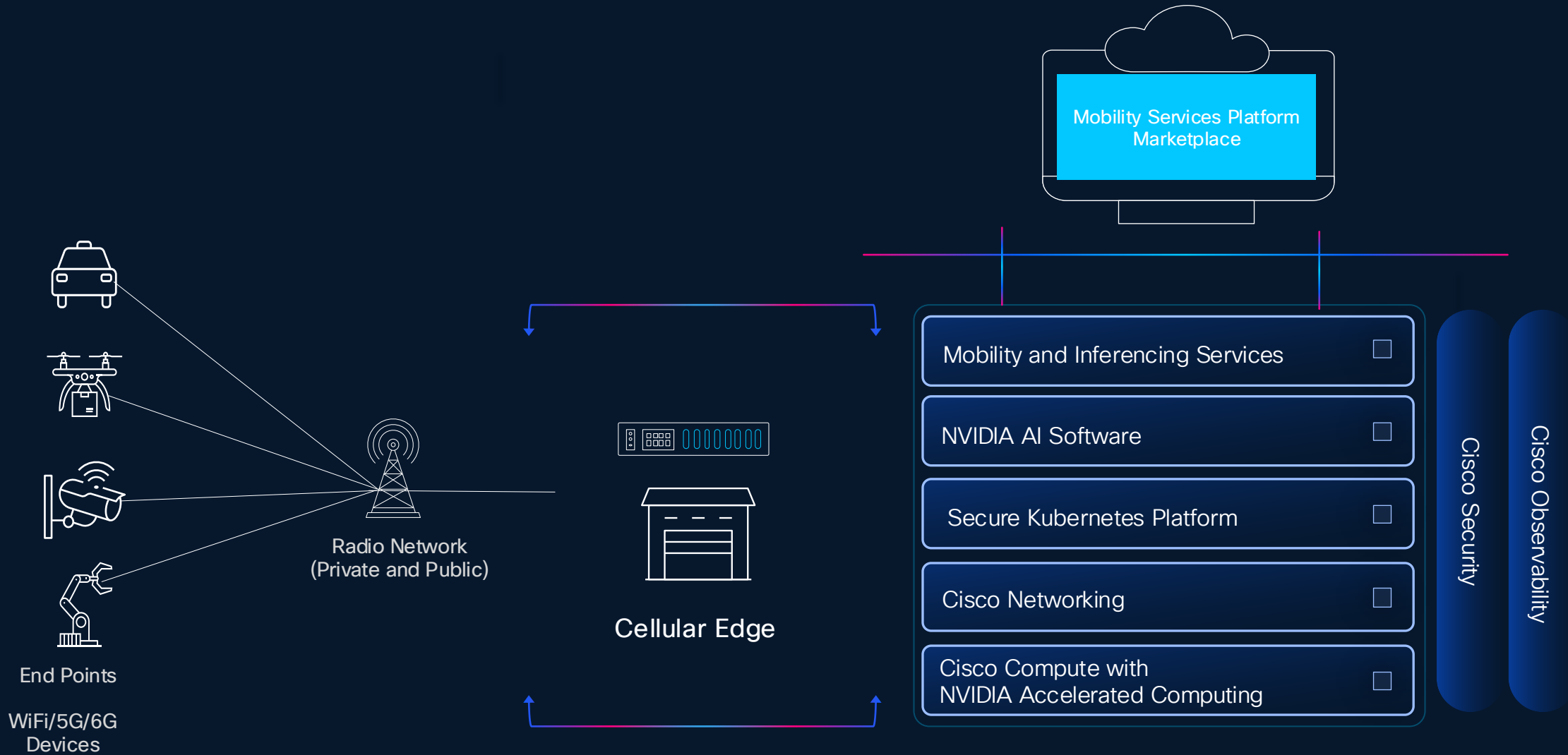
AI Grid turns connectivity into a distributed AI services fabric for real-time intelligence, where physical-world data is created

What is the AI grid?

The service-provider platform for managed edge AI inference



Cisco AI Grid with NVIDIA - High level architecture



AI-native urban cameras in Public Spaces

Goals

Theft prevention

Pattern recognition of security events

Quick dispatch of security robot 'dog'

Solution

4G/5G cameras with AI at the edge

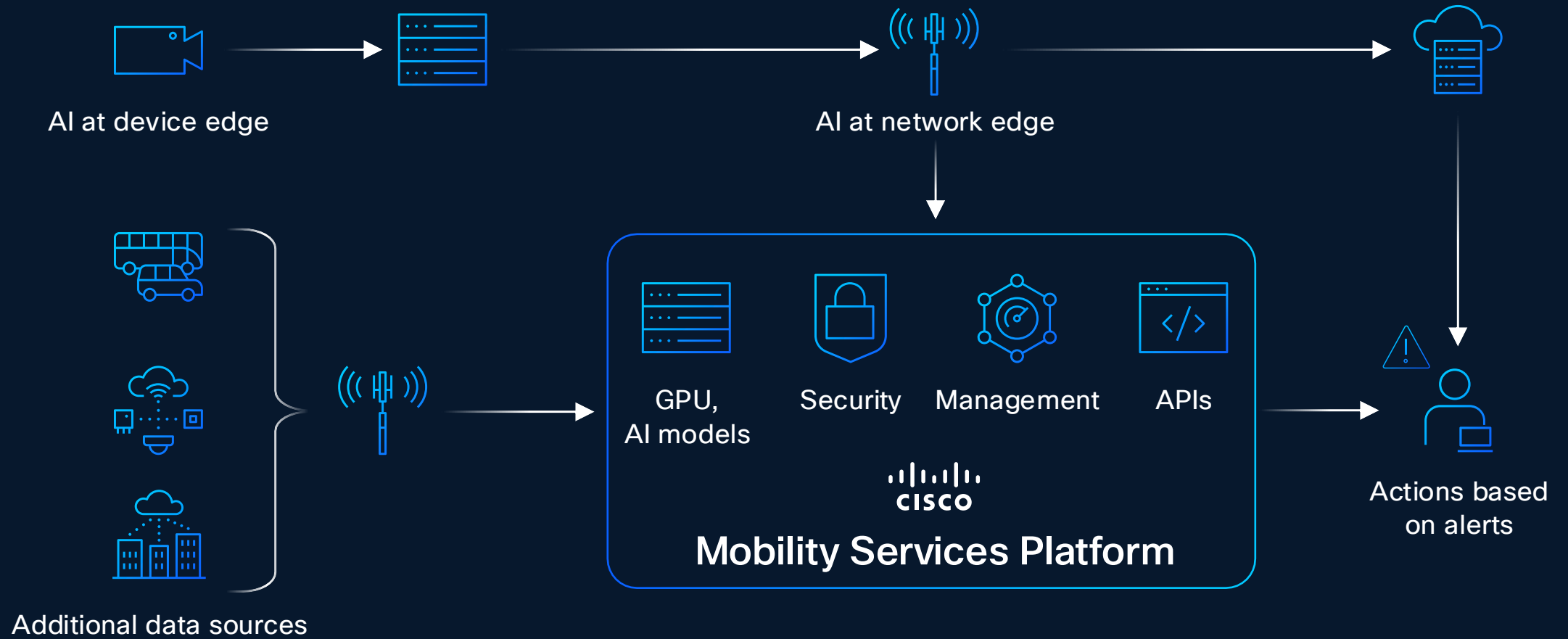
AI close to 5G core to drive fast actions

Collecting data from other sources

Analytics to turn raw data into insights



How it works



AI Grid – turning connectivity into managed intelligence

Why Now

AI is moving into cameras, sensors, machines, roads, sites, and cities, -real-time action matters.

Why AI Grid

Distributed inference plus orchestration, security, observability, lifecycle, and managed operations

Why Operators

Service providers bring reach, edge locations, customer channels, trusted delivery, brand

Scalable Solution

Start with public safety and smart infrastructure, reuse horizontal AI capabilities across verticals.

Summary

Cisco Provider Mobility

Catching the next wave of 5G and AI revenues

Service Innovation
to Monetize faster

Simplify
Operation at Scale

AI for Wireless
Infuse AI into network

Mobility Services Gateway

Billion+ smart phone users

Mobility Services Platform

300M+ million connected things

← The Critical Infrastructure for the AI era →

