



Unlock New 5G and IoT Revenue Streams with Cisco Mobility Services

Cisco Knowledge Network Webinar

February 13, 2024

Simplifying 5G Complexity: Cisco Mobility Services Platform

A turnkey platform to rapidly
monetize innovative 5G services



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Today's speakers



James Brannan

Director, Provider Mobility
Product Management and
Technical Marketing



Darin Kaufman

Director, Provider Mobility
Product Management



Kailash Kothari

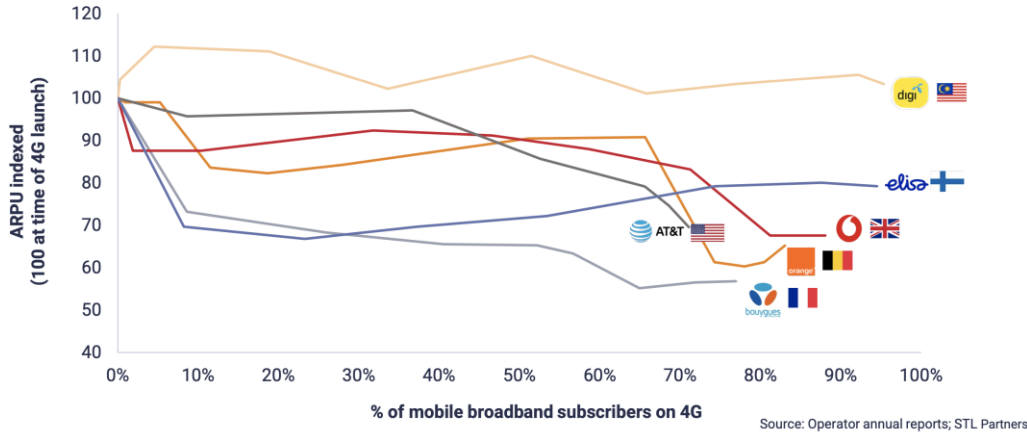
Director, Product
Management, Provider
Mobility

Agenda

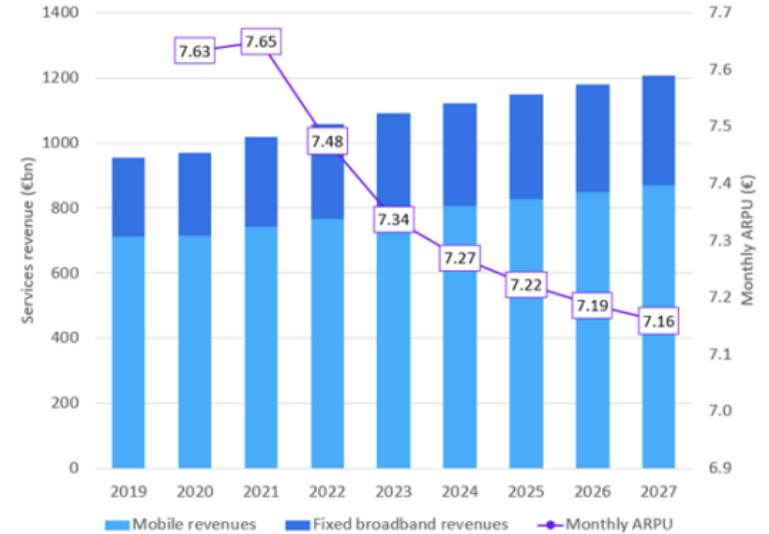
- State of the 5G Market
- Introducing Cisco's Mobility Services Platform
- Key Offers and Use Cases
- Getting Started

5G impact to Consumer ARPU

Impact of 4G on the ARPU of selected telcos

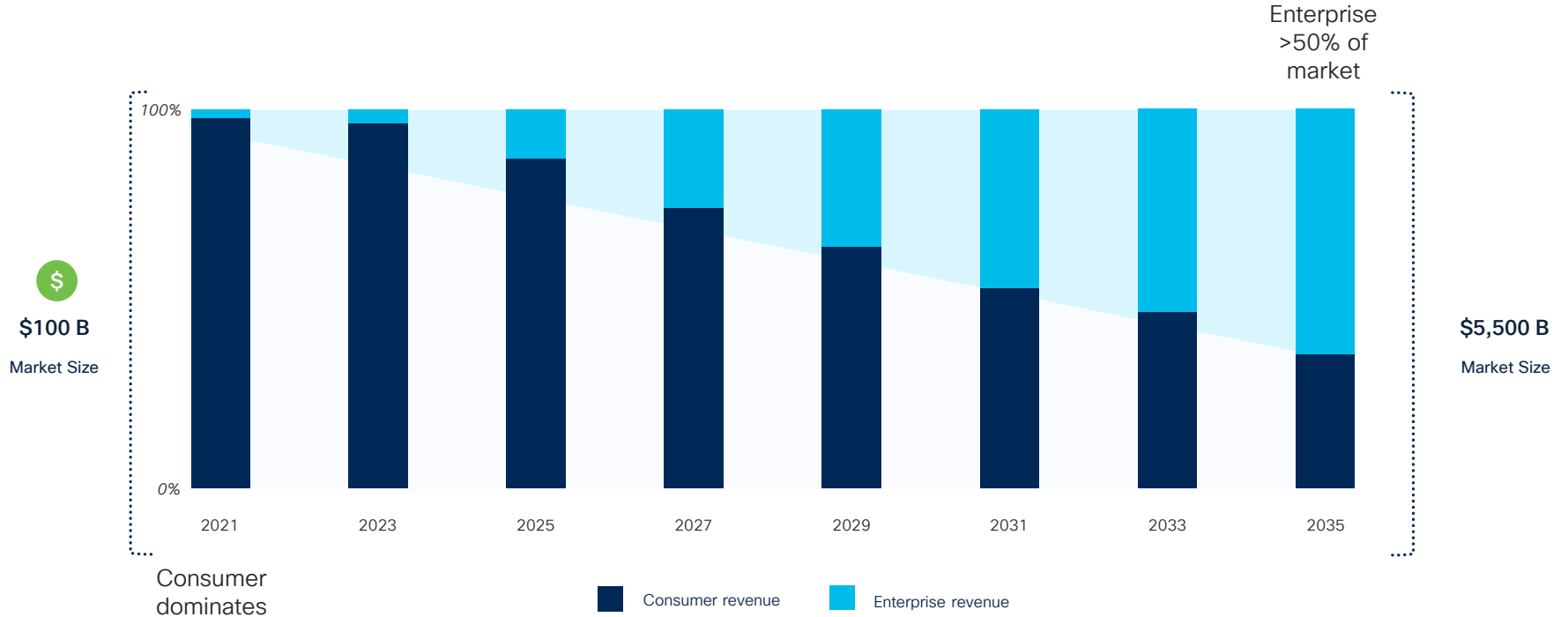


Telecoms services revenue forecast by service type (€bn)



The Enterprise Mobile Services Opportunity

Enterprise & industry will drive SP growth over the next decade



The Enterprise Mobile Services Opportunity

SPs will be well served by taking a holistic view across the key end customers



People



Things



Spaces

The opportunity with Thing (IoT)

Mobile IoT services driving growth across a range of industries and use cases



Connected Car

Driving safety and vehicle telematics



Financial Services

Scale/reliability for financial systems



Smart Meters

Cost savings and superior customer service



Asset Management

Machine/device health and service cycles

**Worldwide, IoT connections will increase 220%
from 2.2 billion in 2021 to 7.0 billion in 2031***

SPs are facing many challenges with Enterprise Mobility



Downward ARPU/MRR pressure

There's a need to monetize value-added services



Risk

High up-front financial risk



Slow Time to Value

Multiple technology integrations



Complexity

Operational and transactional complexity



High cost to serve

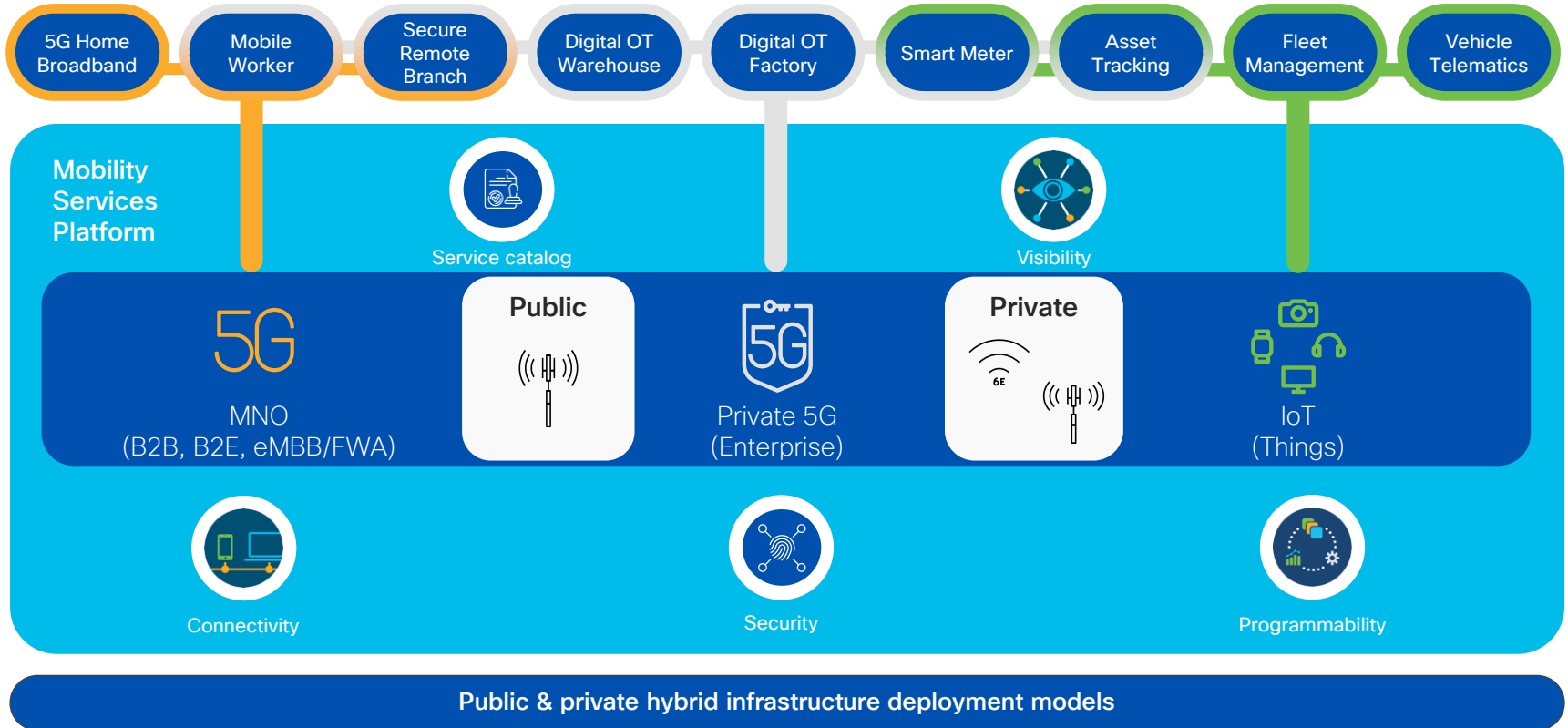
Results in lower profitability



Poor customer experience

Service reliability, customer credits

Introducing Cisco Mobility Services Platform



Our Value Proposition

One platform for all enterprise services



Accelerate time to value and agility



Build once and scale for all enterprise 5G service

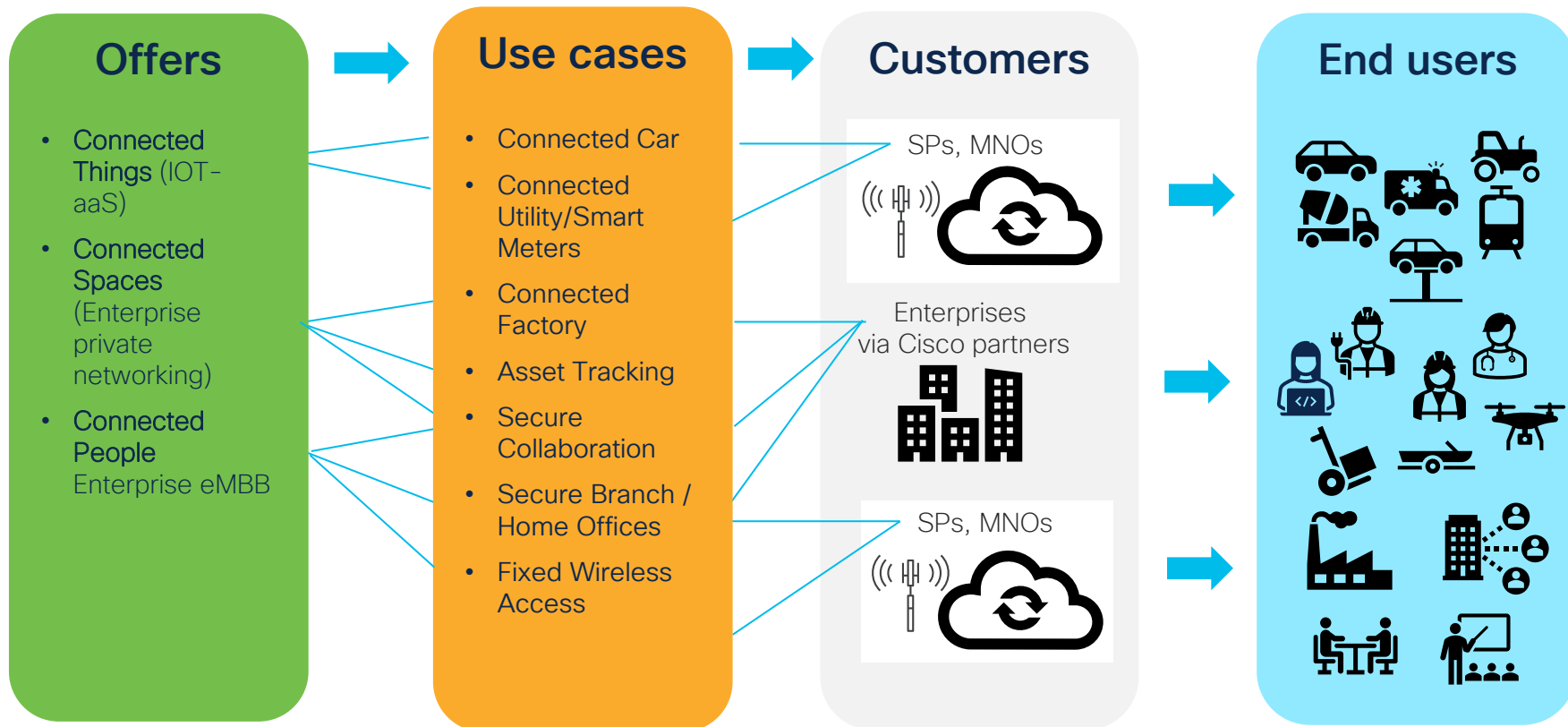


Proven scale and first mover 5G use cases



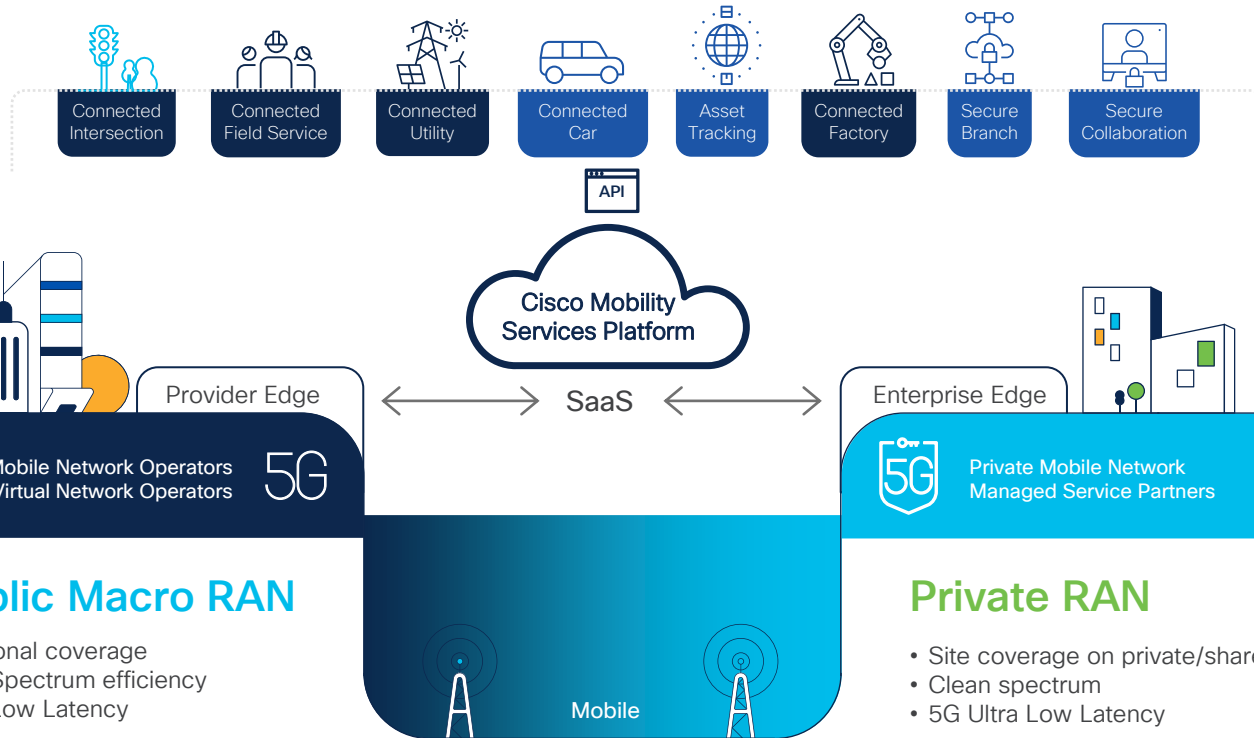
Common policy, visibility, assurance across Enterprise LAN, Wi-Fi & 5G

Cisco Mobility Services Platform Offer Catalog



Mobile services powered by a platform

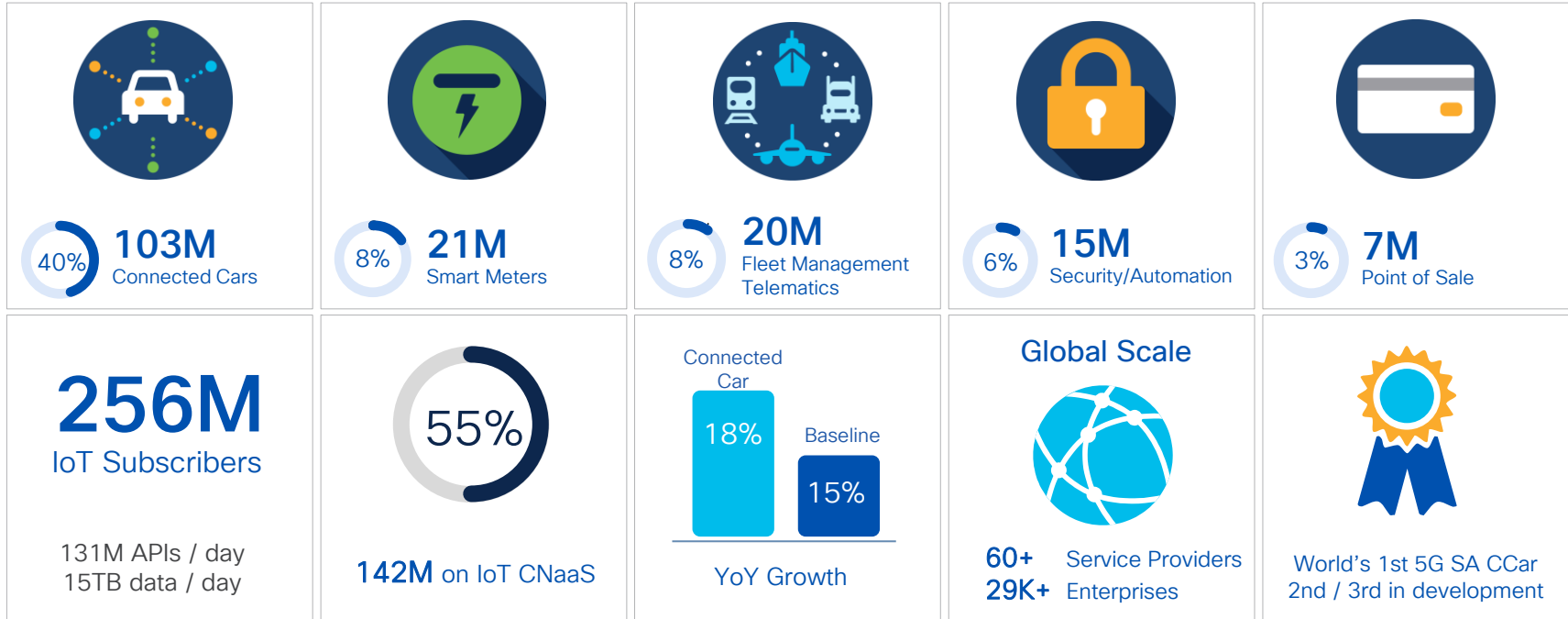
Digital platform for all mobile services



Connected Things

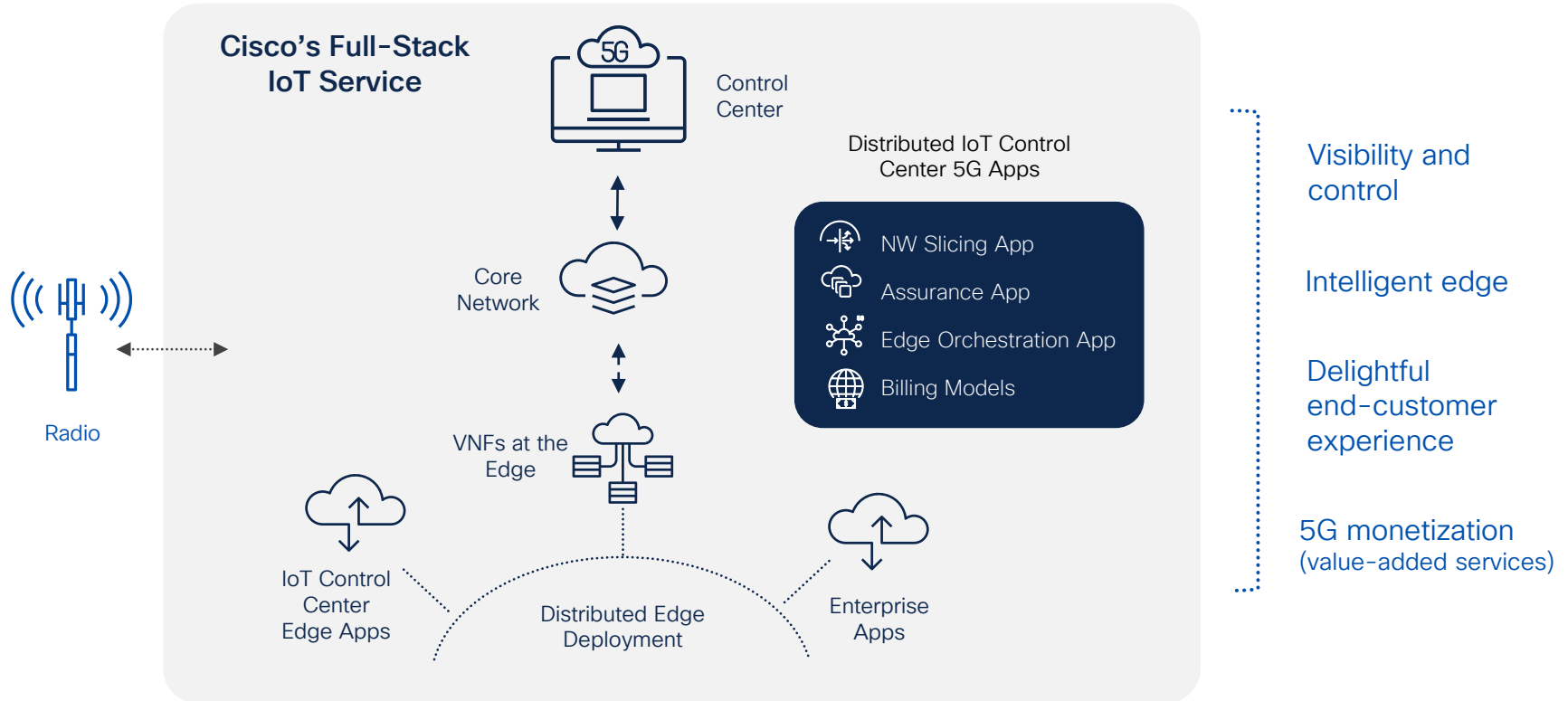


IoT Control Center Business Snapshot



90M includes Consumer, Insurance, IIoT, Asset tracking, Retail, and other use cases.

Cisco's full-stack service with IoT Control Center



Enabling new immersive experiences with 5G

Predictive maintenance with diagnostics

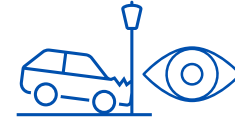


Data enrichment for third-party services (EV infra, emergency, etc.)



Infotainment applications, Wi-Fi hotspot

OTA updates (cybersecurity correction, driving features, etc.)



Accident avoidance



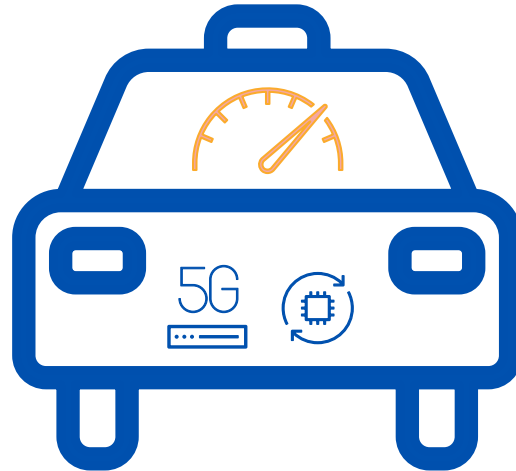
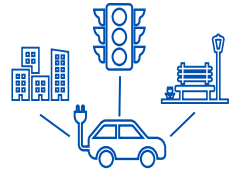
Telematics, fleet management, and location-based services

E-commerce / marketplace for third-party apps



OEM led / usage-based insurance

HD maps, VRU protection services, virtual private assistants, etc.



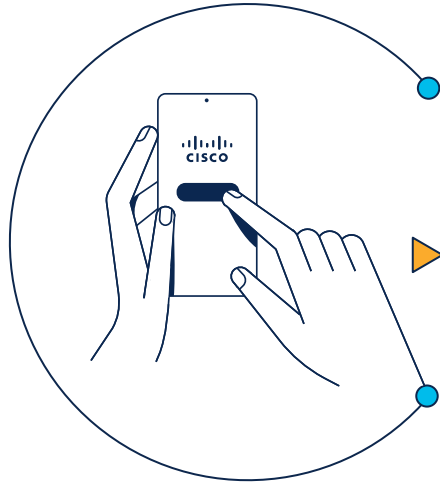
Safety and Security, behind-the-scenes Telematics

Consumer Experiences

Connected Spaces



Private 5G solution



Management

Cloud managed



Identity and policy

Intuitively integrated into existing enterprise systems



Mobility core

Industry-leading 4G/5G converged mobility core




Radios

Certified and validated
Open RAN radio partners



Enterprise Ready

The Cisco differentiator for Private 5G



Integrated enterprise architecture

- 5G becomes part of access architecture with Wi-Fi
- Consistent operations and management
- Intent-based policies across both Wi-Fi, 5G, and other access technologies (e.g., LoRA)
- Synergies with existing Enterprise network systems (e.g., Catalyst, ISE, etc.)



As-a-Service delivery

- Full-stack solution, tested and ready to integrate
- Operations and lifecycle management maintained by Cisco and its partners
- No need to worry about infrastructure management, operations, configuration

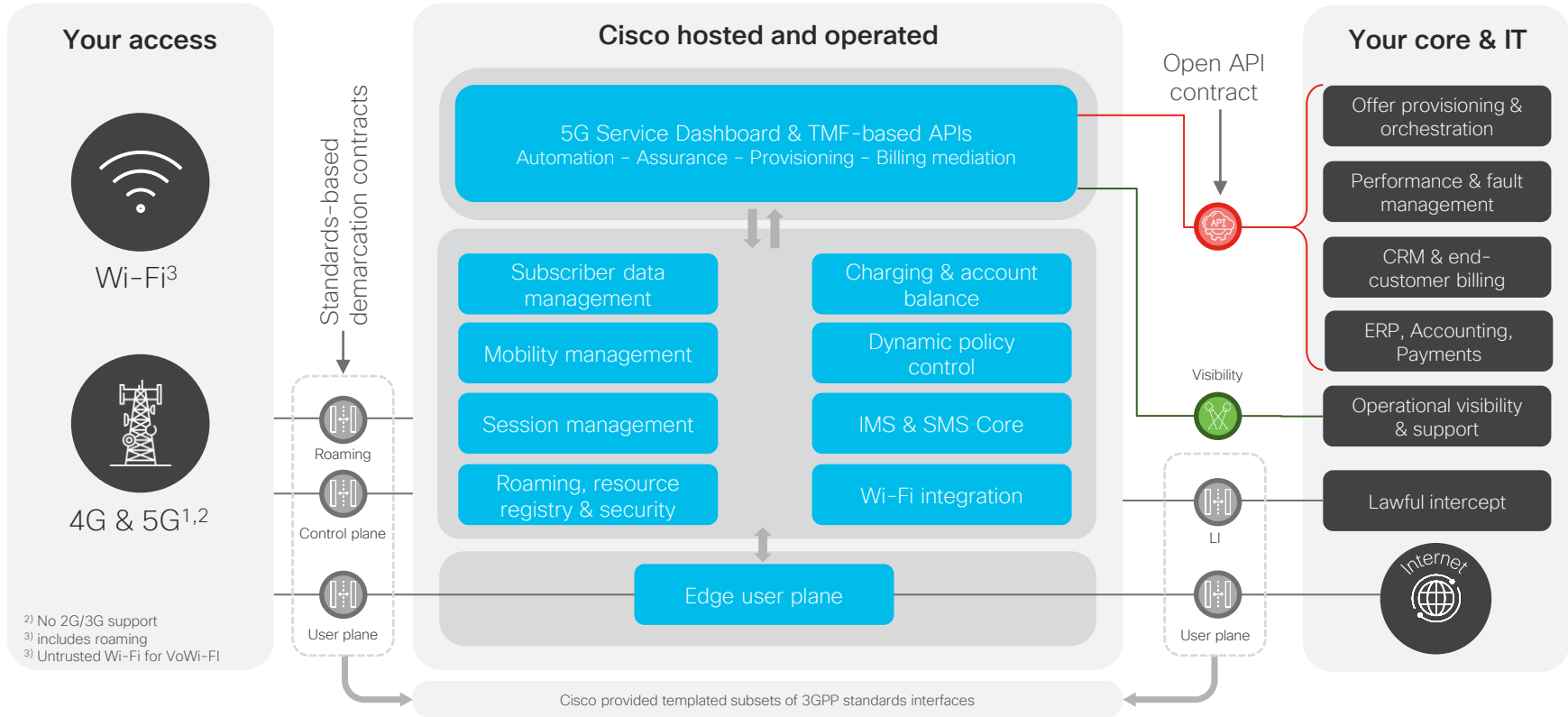


Built on proven technology

- Cisco IoT Control Center powers millions of SIM-based services
- Zero-touch provisioning
- Industry-leading network security (#1 in Industrial Security and Industrial IoT)
- The only vendor capable of offering one network that supports enterprise campus through edge and beyond

Connected People

Enterprise eMBB / FWA solution (Roadmap)



²) No 2G/3G support
³) includes roaming
³) Untrusted Wi-Fi for VoWi-Fi

¹) Charging, account balance and rating

API ecosystem enabled Digital Experiences

Digital experiences for all Enterprise Mobility Services

**API-enabled
self-serve digital
experiences**

Customer
acquisition



Fulfillment and
service provisioning



Upsell /
cross-sell



For....



People



Things

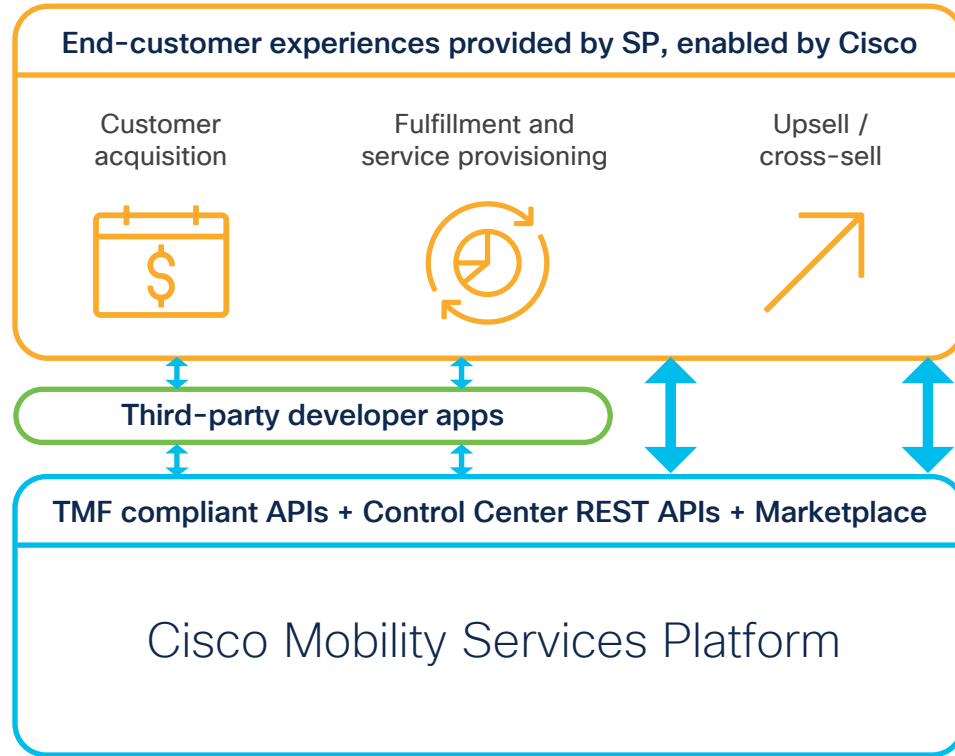


Spaces

Enablement via MSP APIs, marketplace, developer apps

- ✓ Seamless customer experiences
- ✓ Drive up revenues
- ✓ Reduce operational costs

**Across People,
Things, Spaces**



The Cisco difference



We are the Mobility market leader

Our global experience, reach, and track record are second to none. We connect more devices and connected cars for more enterprise customers than any other platform on the planet.*



We understand your business better

Our scale and reach gives us a deep insight into markets and your needs. From the complexity of connected cars to the massive scale of smart meters, Cisco has helped 32,000+ businesses across industries expand their cellular IoT.



We are constantly innovating

At Cisco, we are solving tomorrow's challenges today to give you the competitive edge to focus on what matters most—growing your business.

**Over 240M connected devices including 100M connected cars for over 32,000 enterprises.*

For more information
visit our web page:
cisco.com/go/iot-mobility



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Cisco IoT Control Center

Bring Cisco control to IoT cellular device connectivity.

[Read blog](#) [Watch video \(2:09\)](#)

Benefits Capabilities Customer Stories Use Cases Starter Kit Resources [Contact Cisco](#)

Don't just connect—grow

With cellular IoT management that powers your business.

Scale faster
Accelerate innovation and time-to-market to drive and expand market leadership.

Operate smarter
Deliver superior customer experiences while increasing profitability.

Protect better
Secure user and device access and respond quickly to suspicious behavior.

How it works

Accelerate growth and innovation
Quickly and accurately connect, provision, and deploy devices at scale with IoT Control Center. Combine thousands of automation rules to match any IoT use case and any business scenario to rapidly grow your unique business. Outpace the competition by launching new products and services quickly and easily expanding across geographies—with a platform available around the world. Capitalize on emerging technologies through continuous platform innovations.

Deliver better customer experiences
Get set for superior, more reliable customer experiences, with IoT Control Center. AI/ML anomaly detection proactively finds and alerts you about any device or connectivity issues in the background, so you're ahead of problems before they reach your customers. Plug into an extensive library of APIs that integrate directly into existing applications and systems from IBM, Microsoft, SAP, Salesforce, and more to provide smooth and efficient operations. And no more surprise data overage charges: IoT Control Center automatically picks the right rate plan based on your real-time usage, boosting your profitability.

Coming to Mobile World Congress Barcelona?

Please plan to visit us
Cisco booth #3E30, Hall 3

- Demos
- Speaking sessions
- Meeting opportunities



26 - 29 Feb 2024
Fira Gran Via,
Barcelona



Questions?





The bridge to possible