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MWC[™]
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5G FUTURES SUMMIT

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Session moderator

5G Futures Summit

Welcome



Henry Calvert
Head of Networks
GSMA

Session 1

5G: adding value beyond connectivity with GSMA Open Gateway

Agenda

Session 1 keynote speaker(s)

Henry Calvert, Head of Networks
GSMA

Ross Ortega, VP Product
Management, Microsoft Azure

Session 1 panel member(s)

Ross Ortega, VP Product
Management, Microsoft Azure

Juan Carlos Garcia Lopez,
SVP Technology Innovation and
Ecosystem, Telefonica Group

John Nitti, Senior Vice President of
Strategic Partnerships, New Business
Development & CIO Verizon Ventures,
Verizon

GSMA 5G Futures Community

GSMA Open Gateway Community &
Cloud Networks Working Groups
(TEC / OPG / OPAG)

GSMA Industry Communities
(Fintech, Identity & Data, Mobility, Digital
Industries, Aviation)

**5G Futures Community
Focus**

mmWave

**5G
Standalone**

**5G
Advanced**

**5G New
Calling**

**AI for
Networks**

Cloudification of the Network

GSMA Open Infrastructure Activities
(Open RAN, supply chain, T&F, VoIP, 5G-enabled
NTN, AI/ML)

Community framework



Community meetings

- Exclusive meetings reserved for global industry experts
- Focused on identifying and addressing industry challenges to 5G adoption
- Findings and insights will inform wider ecosystem and shape community webinar themes and topics of focus



Community webinars

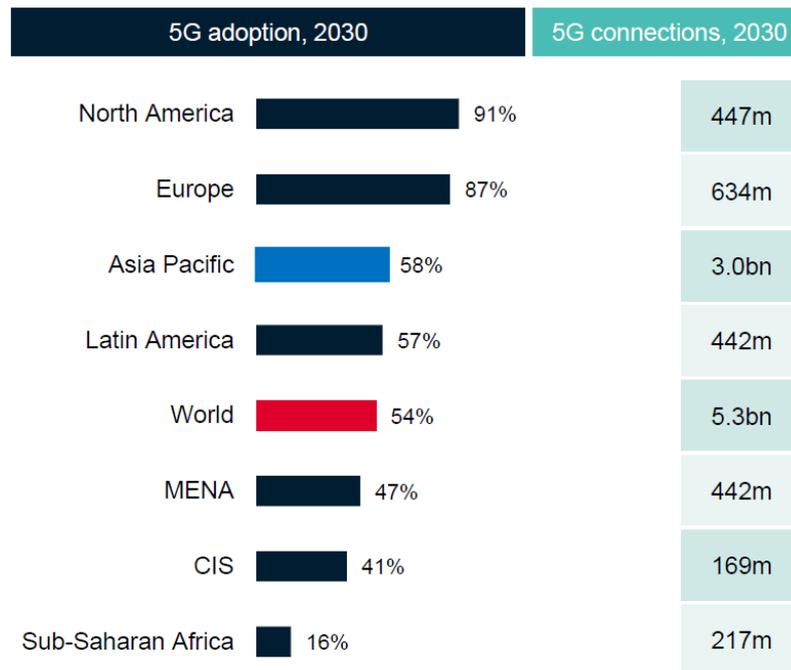
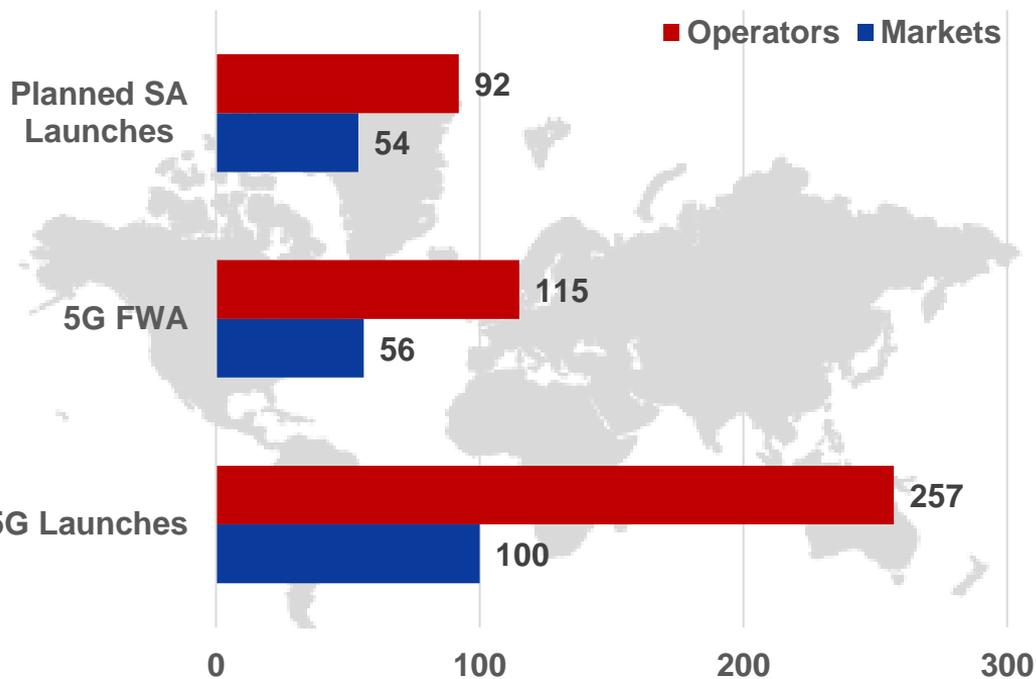
- Open to all community members to attend
- Focused on promoting the key benefits and opportunities of 5G technologies
- Industry experts to present success stories and use cases
- Community experts to present



Communication

- Quarterly update emails on the latest insights and use cases shared with the wider community
- GSMA Networks social channels and website latest news and real-time updates

Fastest Ever Generational Technology Change



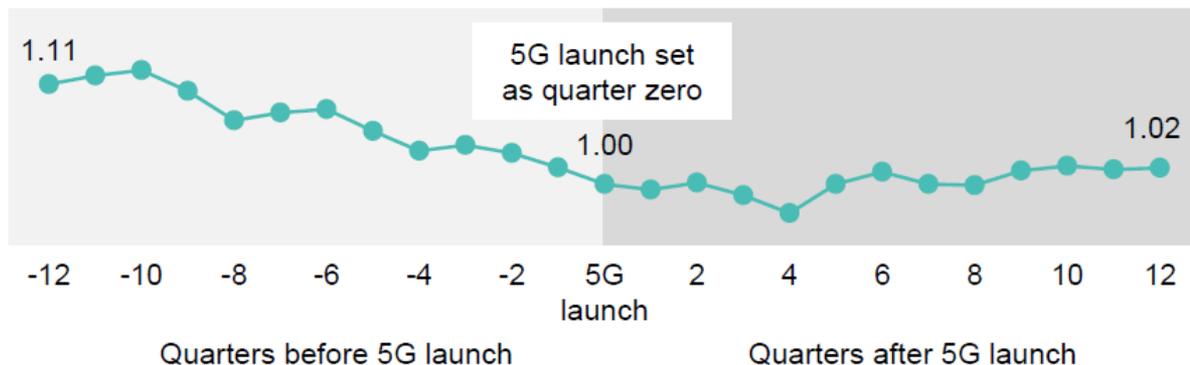
5G Driving ARPU to

+ve

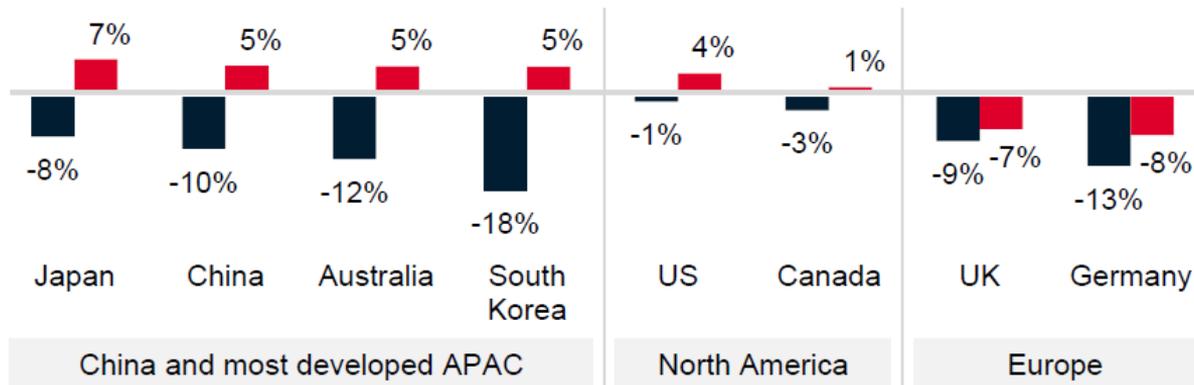
Connectivity Growth

Mobile ARPU trend before and after the launch of 5G services

Mobile ARPU index (aggregate figures across eight markets analysed)



Mobile ARPU trend by region



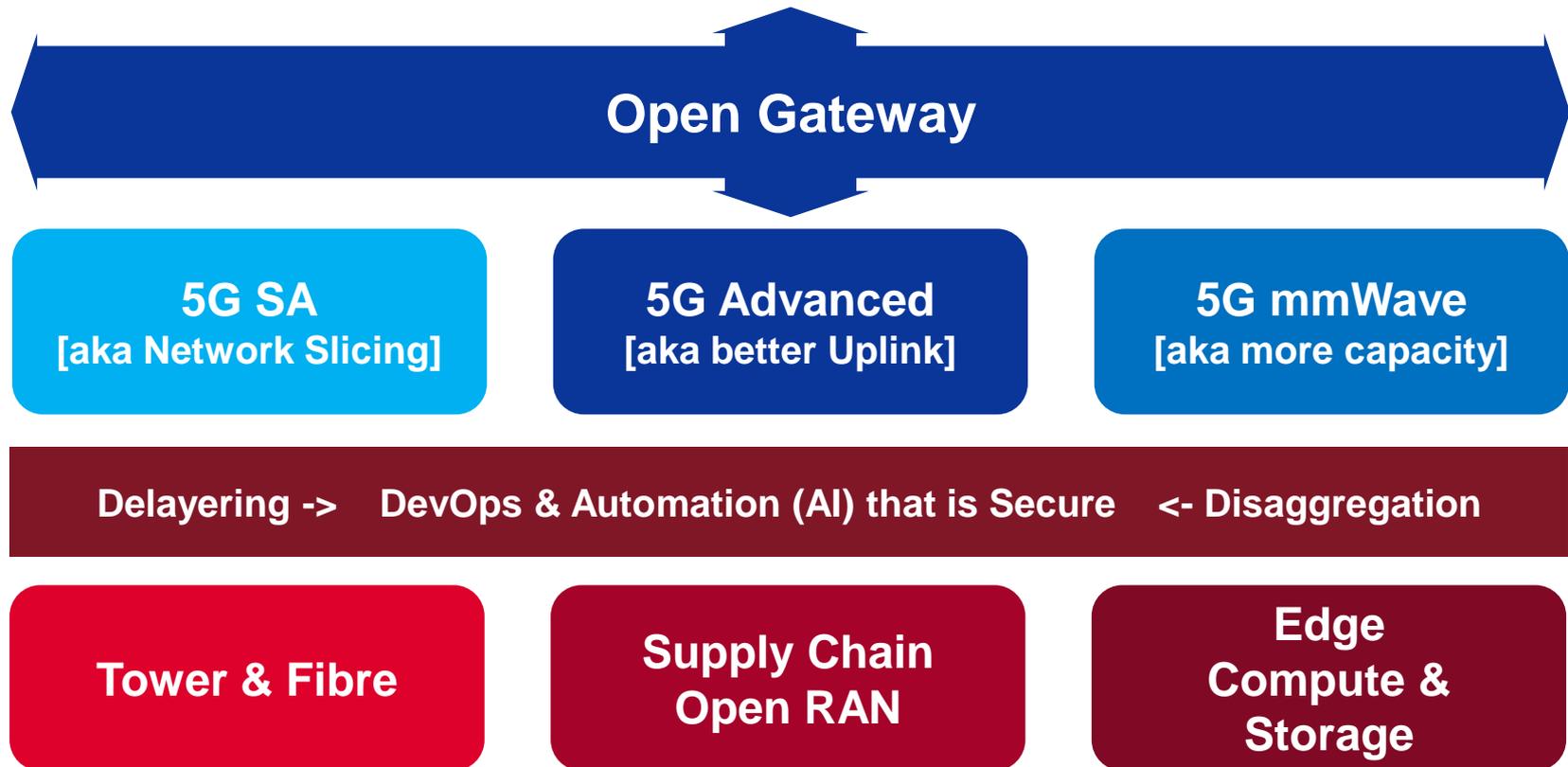
Source: GSMAi May 2023

© GSMA 2023

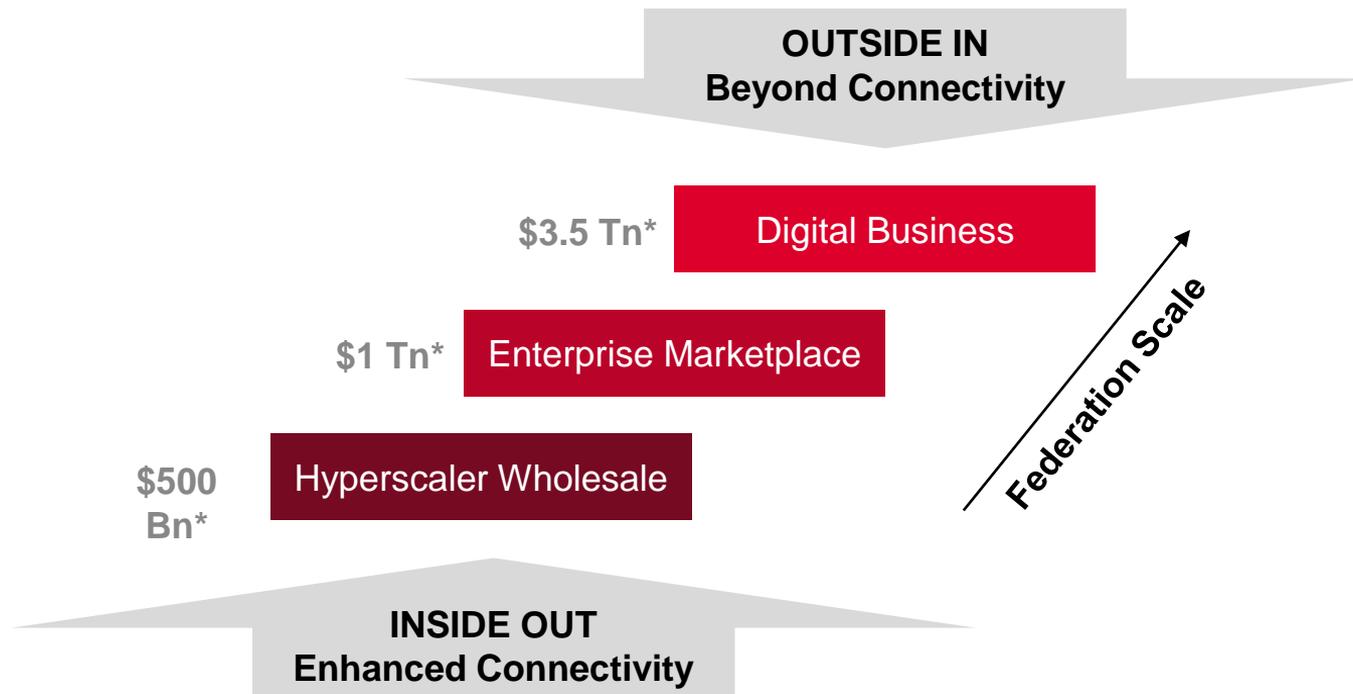
■ ARPU change 12 quarters before 5G launch ■ ARPU change 12 quarters after 5G launch

GSMA™

5G Futures 2023 Focus



Capitalising on Cloud driven Digital Businesses



Welcome

Learn more at GSMA Networks



5G Futures Summit

Future of
networking



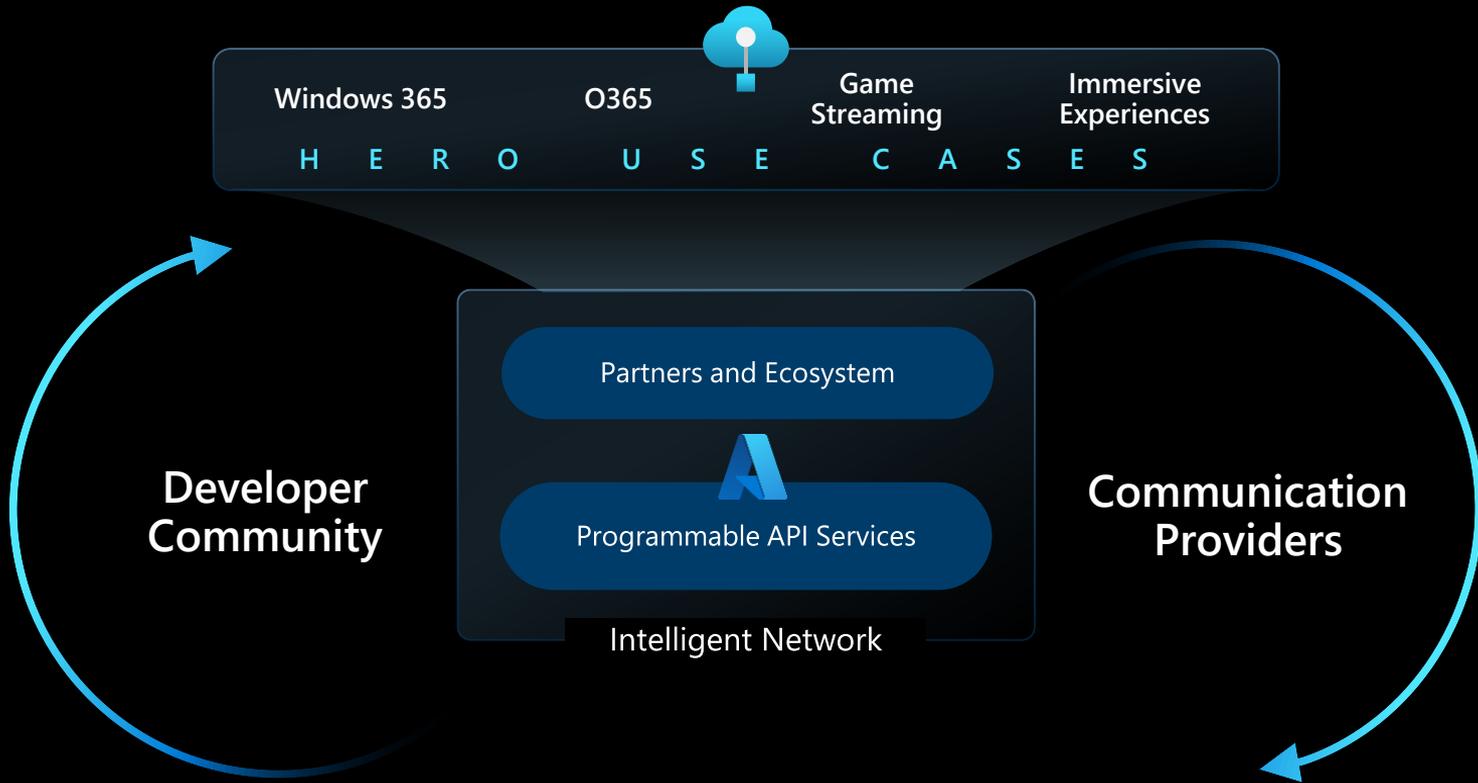
Ross Ortega
VP Product Management
Microsoft Azure

Future of Networking

Ross Ortega, VP, Product Management
Azure for Operators

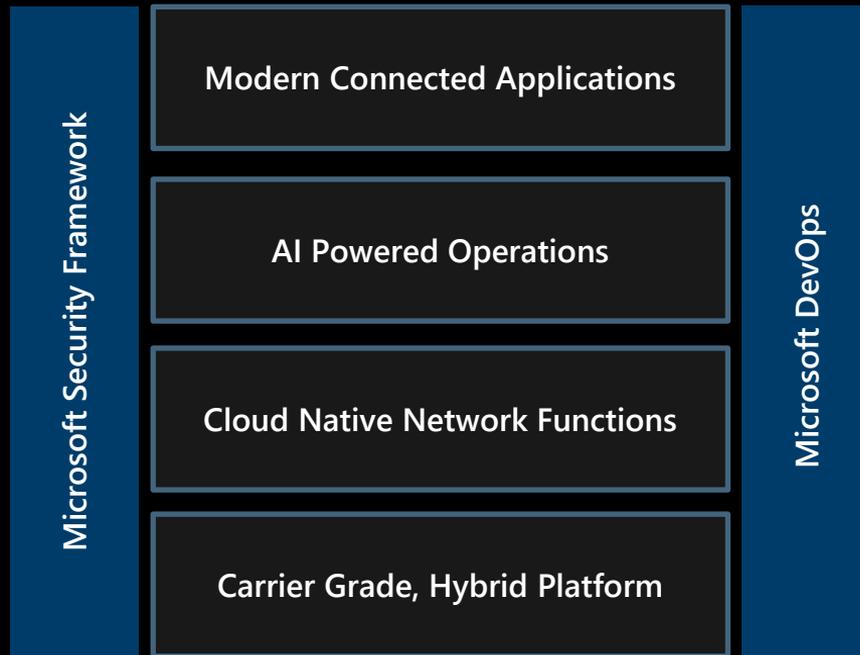


Future of Networking



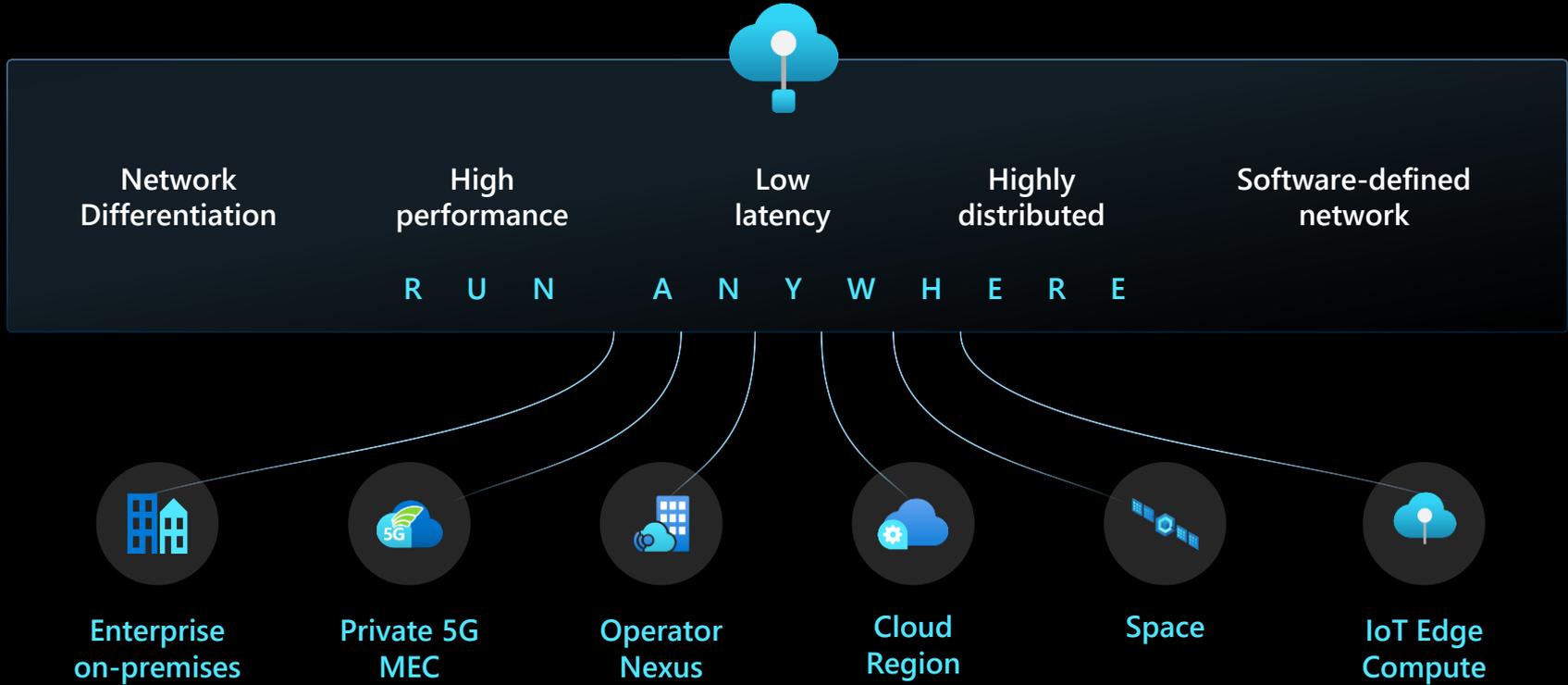
Modernize and Monetize

- Lower total cost of ownership (TCO)
- AIOps for efficiency and resiliency
- Enhance security of distributed networks
- Integrate with industry leading ecosystem
- Modern connected apps



Partners at Every Layer of the Stack

Modern Connected Applications



Azure Programmable Connectivity Architecture

Developers

Infuse applications with new network capabilities



AR Remote Assistance



Metaverse



Autonomous Stores



Stadium Video Streaming



Connected Car

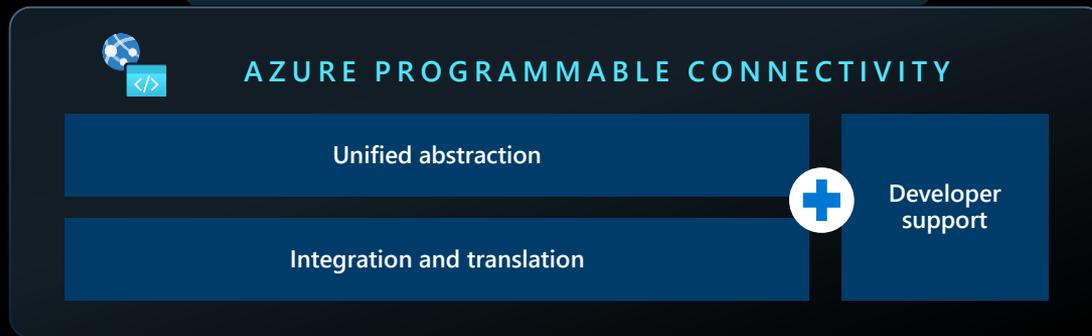


Tele-robotics



Cloud Gaming

One interface
Write code once



Operators

Monetize new network capabilities



AT&T



ROGERS

PARAGON
Unlock the power of 5G

Singtel

T-Mobile



Telefónica

Network APIs

AI as a Platform

Your organization



AI as a Platform

Grounding

Reasoning on your data

Plugins

Integrating with your services

Prompt flow

Building complex solutions

AI Safety

Providing safe experience

Enterprise data and services

AI Ops accelerates network modernization



**AI-enabled
operations**

Azure Operator Insights

Enable collection and analysis of **massive** quantities of network data gathered from complex multi-vendor network functions

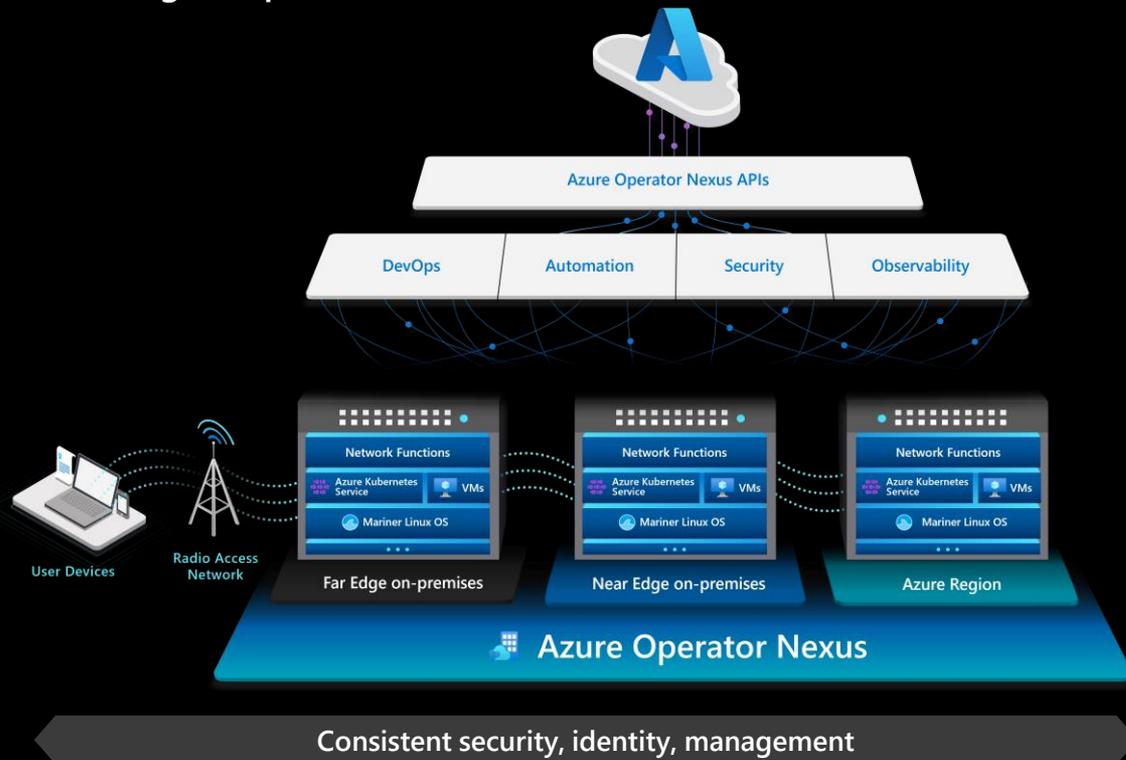
Azure Operator Service Manager

Simplify **deployment and life cycle management** of complex distributed services

Empower operators, NEPs and SIs to manage Operator 3P siloed telco networks at cloud scale

Azure Operator Nexus

Carrier-grade platform for network functions



5G

Proven carrier-grade infrastructure



Azure scale and automation



Frictionless integration with APIs

Operator Nexus ecosystem

System Integrators

 **accenture**

 **amdocs**

 **Capgemini**

 **DELL**
Technologies

 **Hewlett Packard**
Enterprise

NEC

TECH
mahindra

Network Functions

ERICSSON 

NOKIA

 **amdocs**

 **COMTECH**

ENEAA

 **f5**

 **Hewlett Packard**
Enterprise

JUNIPER
NETWORKS

MAVENIR

 **Microsoft**

 **spirent**

Closing remarks and next steps



Cloud and AI technologies are transforming communication networks into reliable, high-performing systems that are ubiquitous and can optimize themselves.



Learn more:

<http://aAka.ms/AzureforOperators>

<http://aka.ms/OperatorInsights>

<http://aka.ms/OperatorNexus>



Learn more about our announcements here:

https://aka.ms/MWCLV_AfOBLog



Thank you.

Panel moderator



Henry Calvert
GSMA

Panel members



Ross Ortega
Microsoft Azure



Juan Carlos Garcia Lopez
Telefonica Group



John Nitti
Verizon

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LAS VEGAS
SEPTEMBER 26 - 28
2023

Open Gateway DevCon

Wednesday 27 September 2023
10:00 - 16:30 PDT
The HUB Innovation stage,
Las Vegas Convention Center, West Hall

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5GFF



5G FUTURES SUMMIT

SESSION 2

Powering the next wave of innovation
with 5G-SA-Advanced

