MWC GSMA

BARCELONA
26 – 29 FEBRUARY 2024
FIRA GRAN VIA

5G Futures Summit

Wednesday 28 February 2024
09:30 - 13:00 CET
Hall 6, Stage C

#MWC24

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cisco

HUAWEI

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Qualcomm

Whale Cloud

GSMA 5G Futures Community

5G Standalone

- NETWORK SLICING
- PRIVATE NETWORKS
- NTN

5G-Advanced

- ADVANCED CAPABILITIES
- GSMA OPEN GATEWAY
- COMMUNICATION AND CONNECTIVITY SERVICES

Network transformation (APIs)
AI FOR THE NETWORK

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

GSMA
Industry Communities
FINTECH, IDENTITY & DATA, MOBILITY, DIGITAL INDUSTRIES, AVIATION

GSMA
Infrastructure Activities
OPEN RAN, SUPPLY CHAIN, T&F, VOIP, 5G-ENABLED NTN, AI/ML

Opening-up mobile network capabilities to the world

Community engagement framework & touchpoints

Connect

Open to all GSMA members and broader ecosystem to participate.

Aimed at promoting the key benefits and opportunities of 5G networks and technologies.

Share

Industry players invited to present success stories, challenges, opportunities and use cases in the **community webinars.**

Share insights and have your voice heard in the **community newsletters.**

Trust

Industry-led initiative supported by GSMA.

Partner

Establish new partnerships and connections with the broader ecosystem, discovering new opportunities in the 5G era.

Subscribe

GSMA 5G Futures Community

GSMA

Welcome
5G Futures Summit agenda

Moderator
Henry Calvert
Head of Network
GSMA

TIME	SESSION
09:30 – 10:30	**Session 1**: 5G monetisation with GSMA Open Gateway
10:40 – 11:50	**Session 2**: Towards a standalone future with 5G-Advanced
12:00 – 13:00	**Session 3**: Revolutionising operator services with Edge Compute and Private Networks

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Session 1: 5G monetisation with GSMA Open Gateway

09:30 - 10:30

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5G Futures Summit
Session 1 agenda

TIME (60-minutes)	SESSION
09:40 – 09:50	**Keynote** from Microsoft Azure
09:50 – 10:00	**Keynote** from Vonage
10:00 – 10:10	**Keynote** from Chenosis
10:10 – 10:30	**Panel discussion** with Chenosis, Deutsche Telekom and Telefonica

Meet our speakers

Saad Syed
CEO
Chenosis

Nathan Rader
VP Service & Capability Exposure
Deutsche Telekom

Ross Ortega
VP of Product Management, Azure for Operators
Microsoft

David del Val
Director of Open Gateway
Telefonica

Savinay Berry
EVP Product and Engineering
Vonage

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Up next

Ross Ortega

VP of Product Management, Azure for Operators
Microsoft

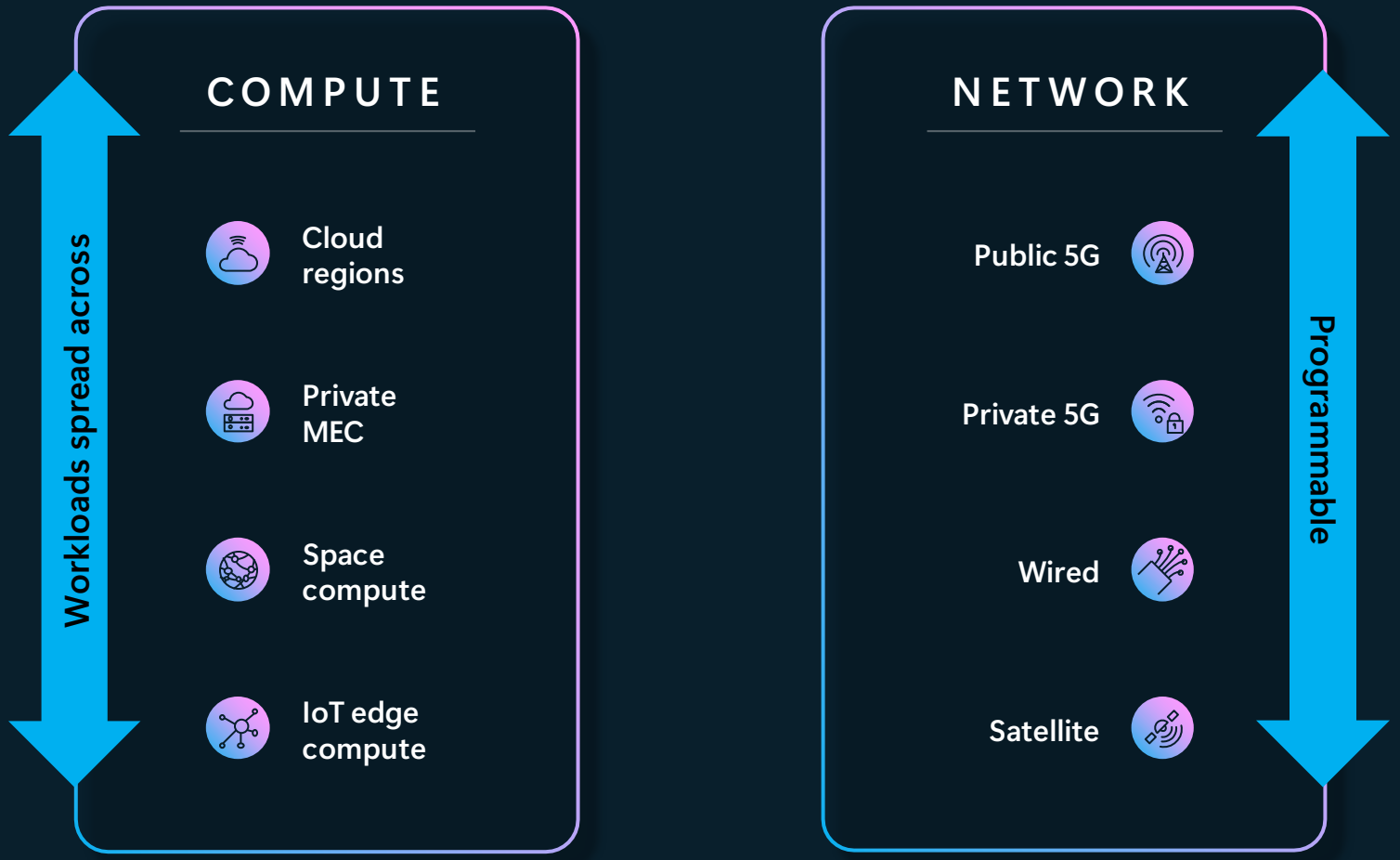
Programmable connectivity

Microsoft Azure

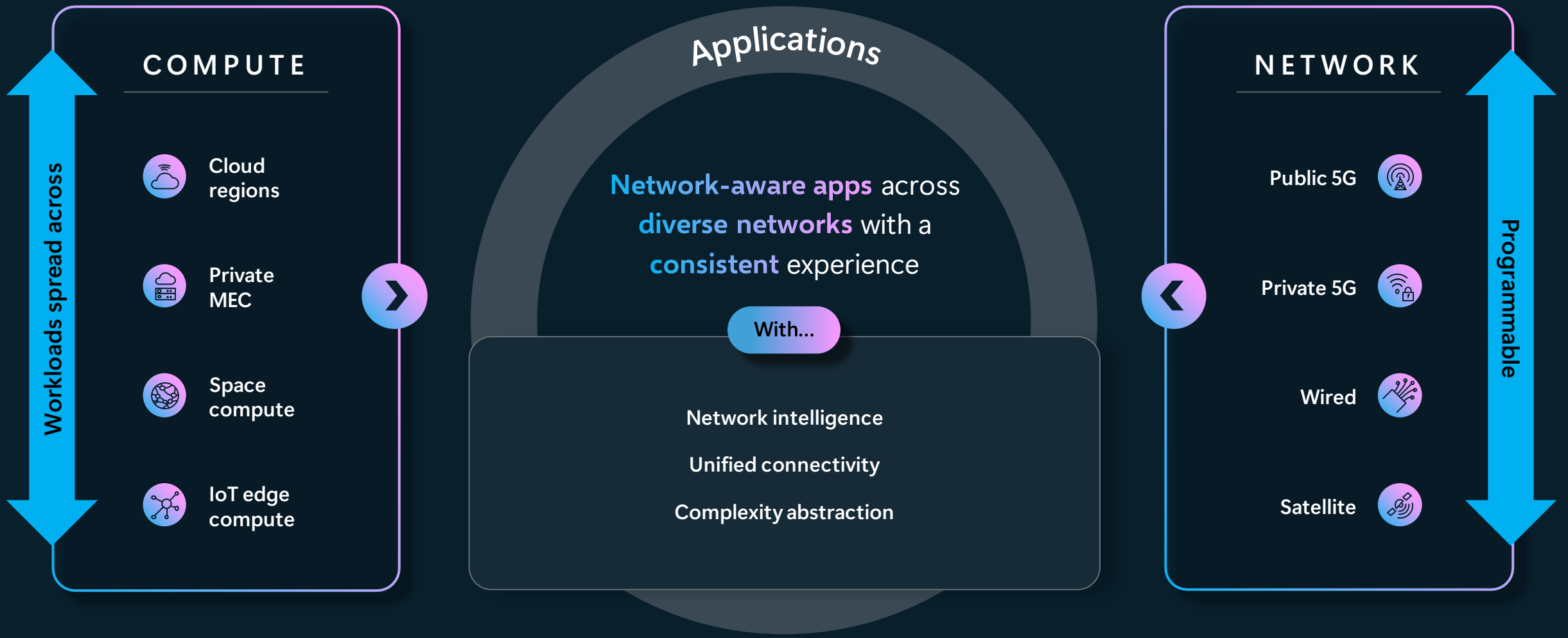
5G Futures Summit

Ross Ortega, VP, Product Management
Azure for Operators

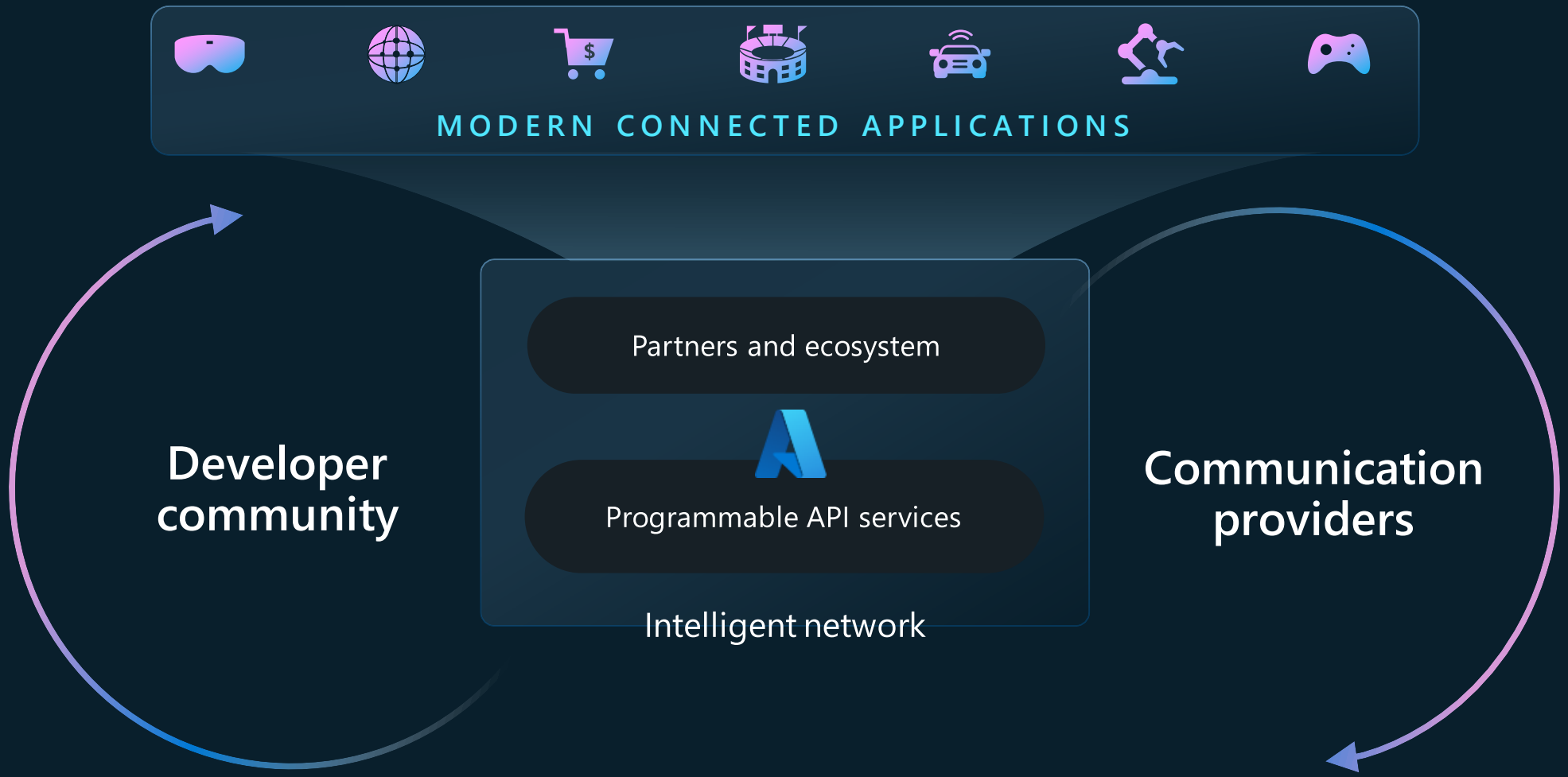
Modern connected applications evolution



Network programmability



Coming together



Challenge for developers and operators

DEVELOPERS

Must deal with complexity to take advantage of new network capabilities

AZURE

Provides developers a unified and simplified experience abstracting the network complexities

OPERATORS

Need compelling network-aware apps to monetize their networks

Azure Programmable Connectivity

AR remote assistance

Metaverse

Mobile commerce

Stadium video streaming

Connected car

Tele-robotics

Cloud gaming

One interface – write code once

ERICSSON

Aggregated API platform

NOKIA

Azure Programmable Connectivity

Unified abstraction

Integration and translation

Developer support

Network APIs

AT&T BT Group Claro T MEO orange ROGERS

PARAGON Unlock the power of 5G | Singtel T-Mobile Telefónica TIM verizon vivo empresas

Itaú enhances Transaction Security with Antifraud APIs

- **Enhanced protection**
  Utilizes geographical data to safeguard customer accounts from unauthorized access, ensuring security across diverse regions
- **Location verification**
  Open Gateway Location API confirms real-time location of customers engaging in mobile app transactions

NAGRA KUDELSKI

NAGRA, the media & entertainment technology division of the Kudelski Group, protects subscribers against SIM card fraud

- NAGRA Scout provides intelligent home network security
- A broadband subscriber can add family members to monitor their home network activity
- **SIM verification**
  Open Gateway SIM swap API confirms that SIM has not been changed (phone hijacked)

Closing remarks and next steps

Azure Programmable Connectivity simplifies the creation of mobile connected applications enabling operators to more easily monetize their networks

Learn more about Azure Programmable Connectivity

aka.ms/AzureProgrammableConnectivity

Watch video:

Learn more aka.ms/APC_Demo

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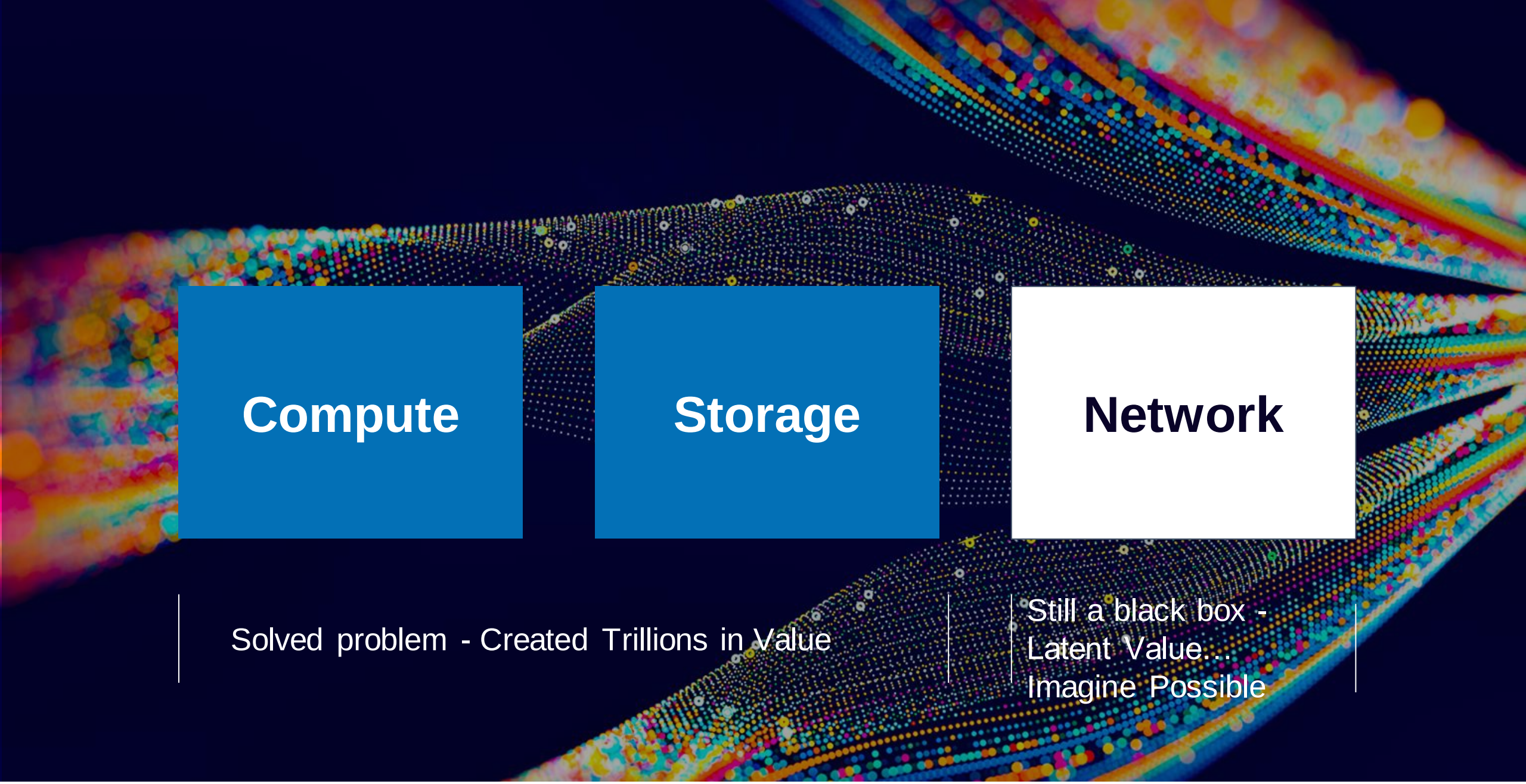
Up next

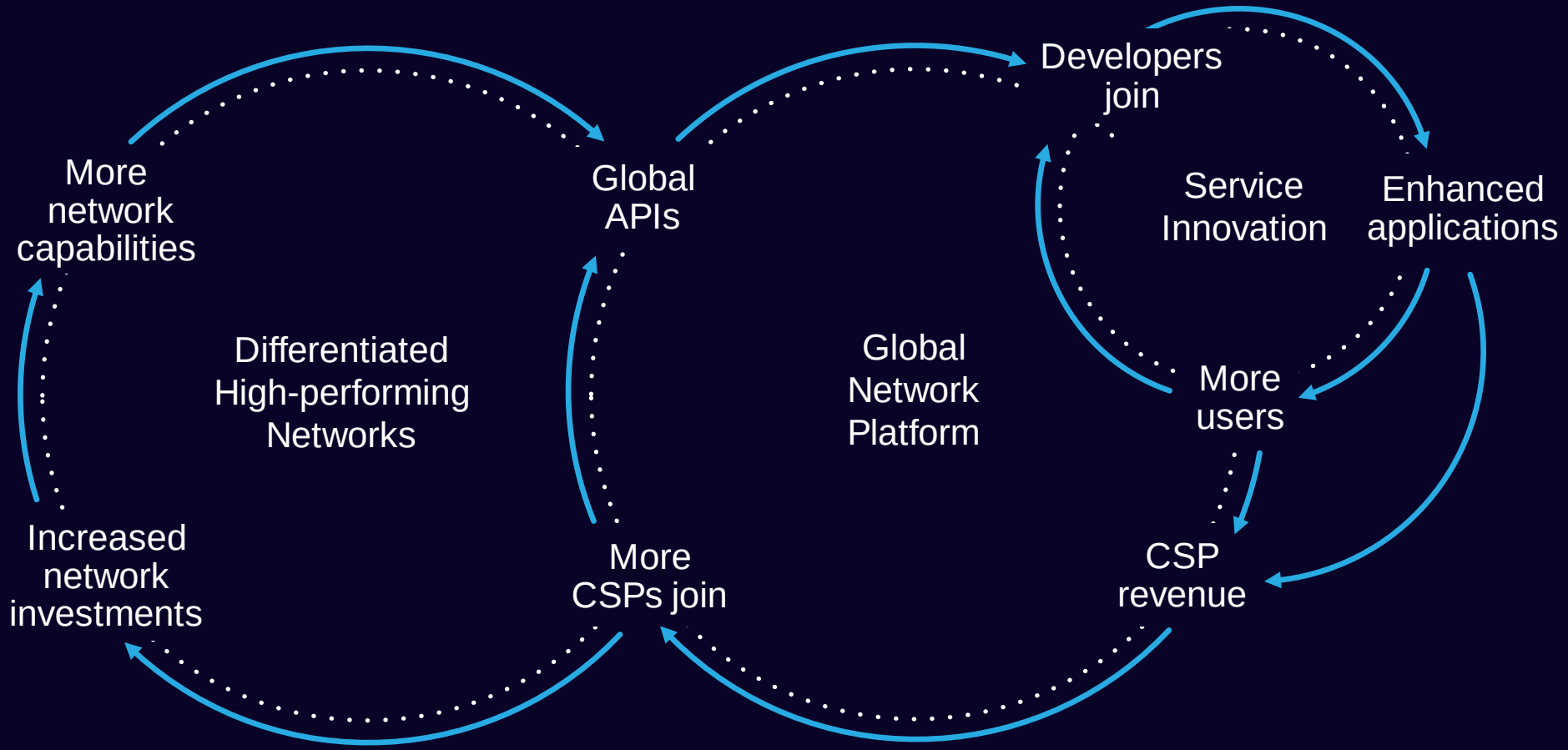
Savinay Berry

EVP Product and Engineering
Vonage

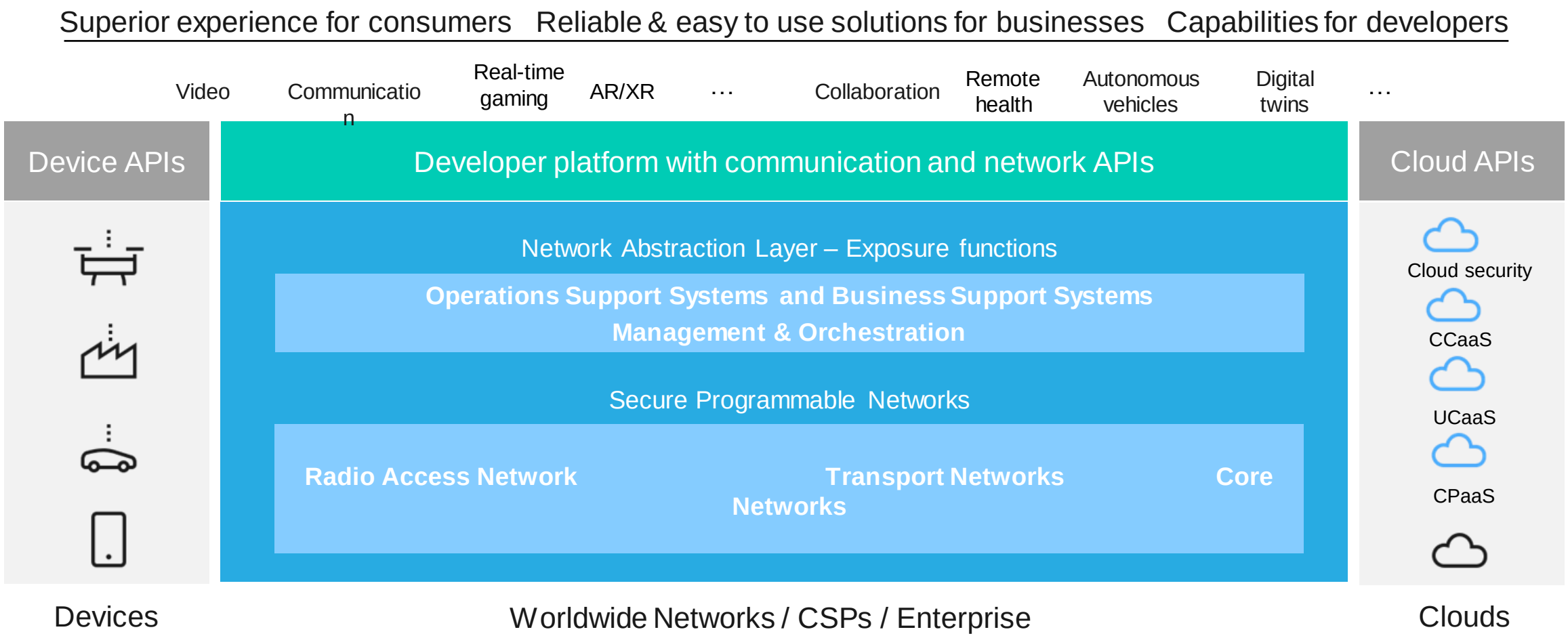
Unlocking the power of the network for exponential innovation


Compute
Storage
Network
Solved problem - Created Trillions in Value
Still a black box - Latent Value... Imagine Possible

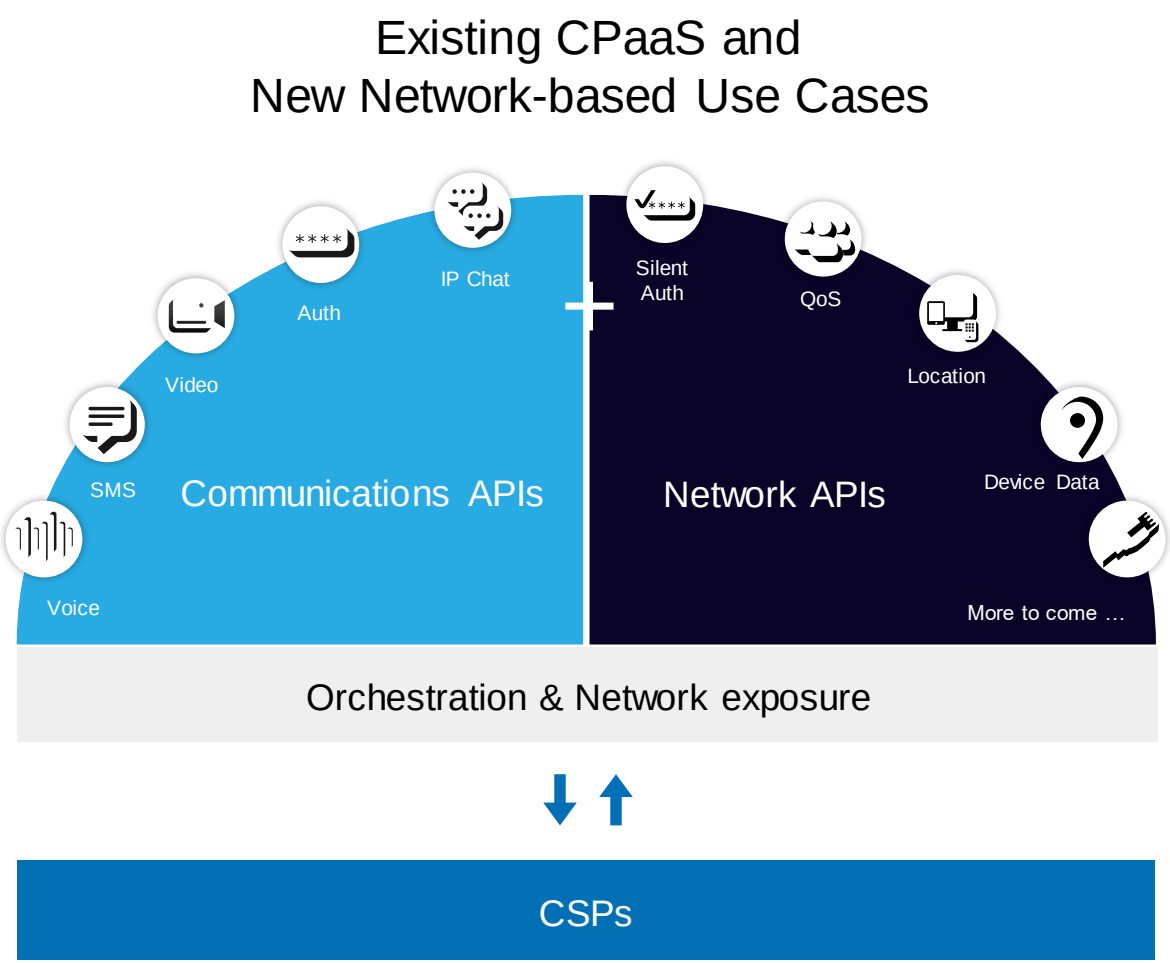
A network effect to accelerate industry growth



Networks – the foundation for the digital ecosystem



Communications and Network APIs



Ericsson to leverage Vonage CPaaS to build global 5G API platform

Developers can embed network configurations to optimize application performance or create new applications

Opens new dimension of network-sensitive use cases

Platform expansion to accelerate adoption

Announcing new network capabilities:

Vonage Network Registry

Industry-first to deliver network API registration service

Simplifies network API adoption; standardizes CSP approval process for Application Service Providers

Number Verification API

Securely checks phone number against SIM card to verify identity

Replaces text messaging and routing authentication

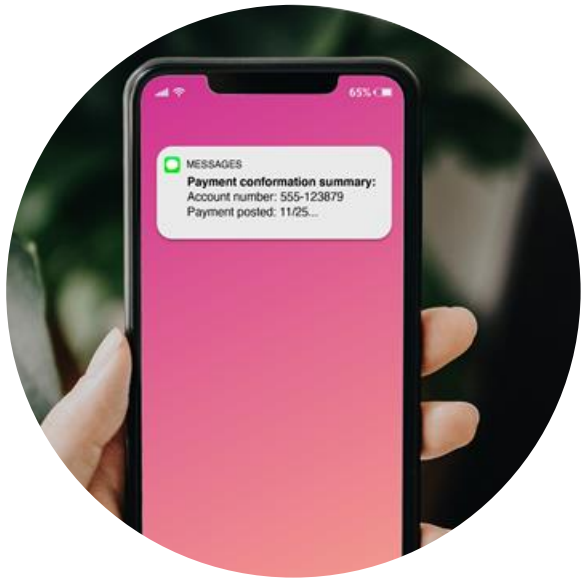
SIM Swap API

Reduces impact of account takeover fraud with SIM-based authentication processes

SMS one-time passwords

Today

Transactional Notification Experiences: VCP



Vonage Communication Platform

Communication APIs	CCaaS / UCaaS	Chat Bots

Disjointed one-way notifications across multiple channels. Disparate systems and point solutions everywhere.

Imagine Tomorrow

Seamless Engagement Experiences: GNP

GNP APIs	AI	Conversation Analytics
Identity Resolution	Context	Orchestration
Communication APIs +	CCaaS / UCaaS	Chat Bots

Personalized two-way conversations on channel of choice. Systems are integrated via a customer data platform (CDP) to orchestrate a seamless customer experience.

Imagine the Future

Immersive Engagements powered by communication & network APIs

Vonage Engagement Platform

5G+	Gen AI	AR Kit
IoT	UCaaS/CCaaS	Integration Marketplace
GNP APIs	AI Based CDP	Conversation Analytics
CPaaS resell	Context	Orchestration
Communication APIs +++	Partner Solutions	Chat Bots

Immersive experiences across the digital landscape. An integrated ecosystem within customer interactions which leverages AI to enable engagement at scale.

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New 5G Network APIs supporting advanced B2C & B2B use cases

Cloud gaming
Games rendered in:
- cloud
- computer
- smart TV
- mobile

Connected vehicle
Delivering:
- A/V
- applications
- updates

Connected education
Interactive:
- video courses
- VR classrooms

Remote patient monitoring
Real-time:
- diagnosis
- treatments
- preventive intervention

Network registry
Developer:
- assistance
- driving

Remote broadcast & production
Live media:
- production
- multi-channel distribution

Fraud protection
Seamless protection:
- Security check
- validation

Infinite Possibilities

Key Takeaways

- Leading operators are exposing new value-added network APIs
- Developers are intrigued by advanced networking capabilities
- Operators recognize the value of global API standards
- The ecosystem is building momentum
- Ericsson and Vonage are committed to accelerating the ecosystem

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Up next

Saad Syed

CEO
Chenosis

Disrupting & transforming African AppDev

Disrupting & Transforming African AppDev

MWC Barcelona 2024

THIS IS CAMARA

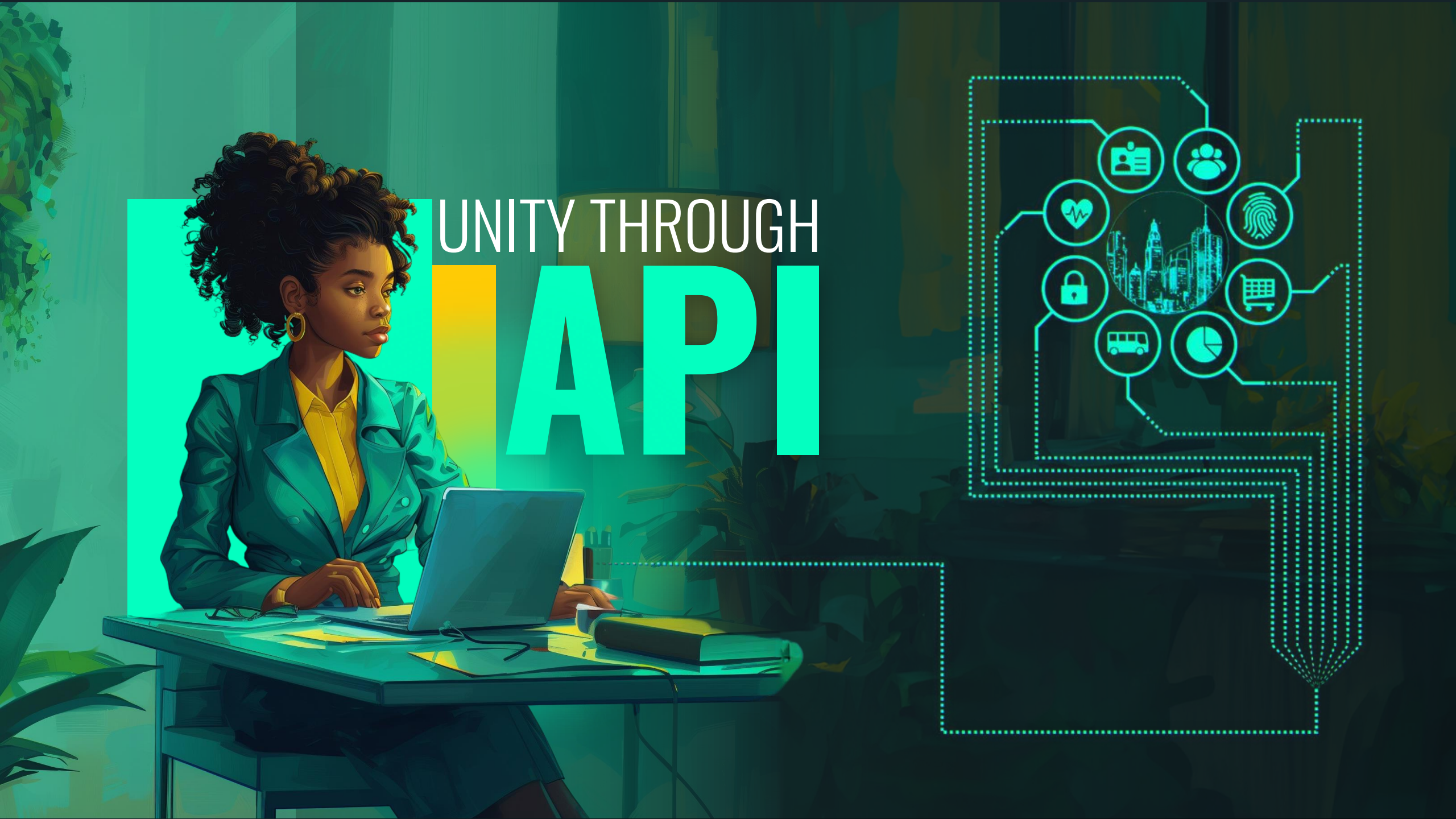
TRAFFIC

SECURITY

PAPER WORK

5G

UNITY THROUGH API



TRAFFIC VOLUME
WEIGHTED DAILY FORECAST
DAT
02
60
POWERFUL
INSIGHTS

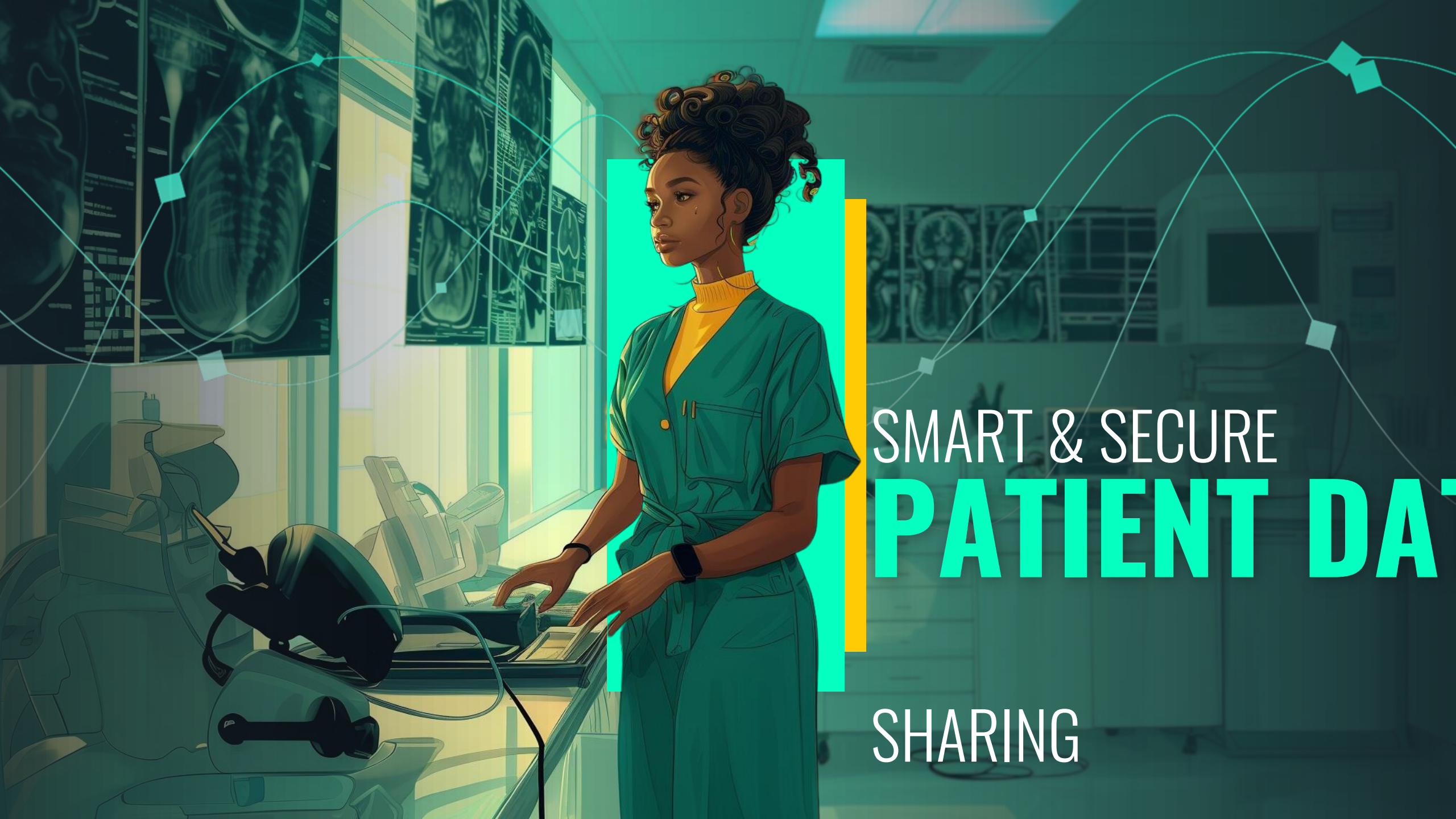
A GOLD MINE OF
DATA

INNOVATION
FOR THE CITY
BY THE CITY

EVERYONE
A CODER.

TA

EVERYONE A CODER.

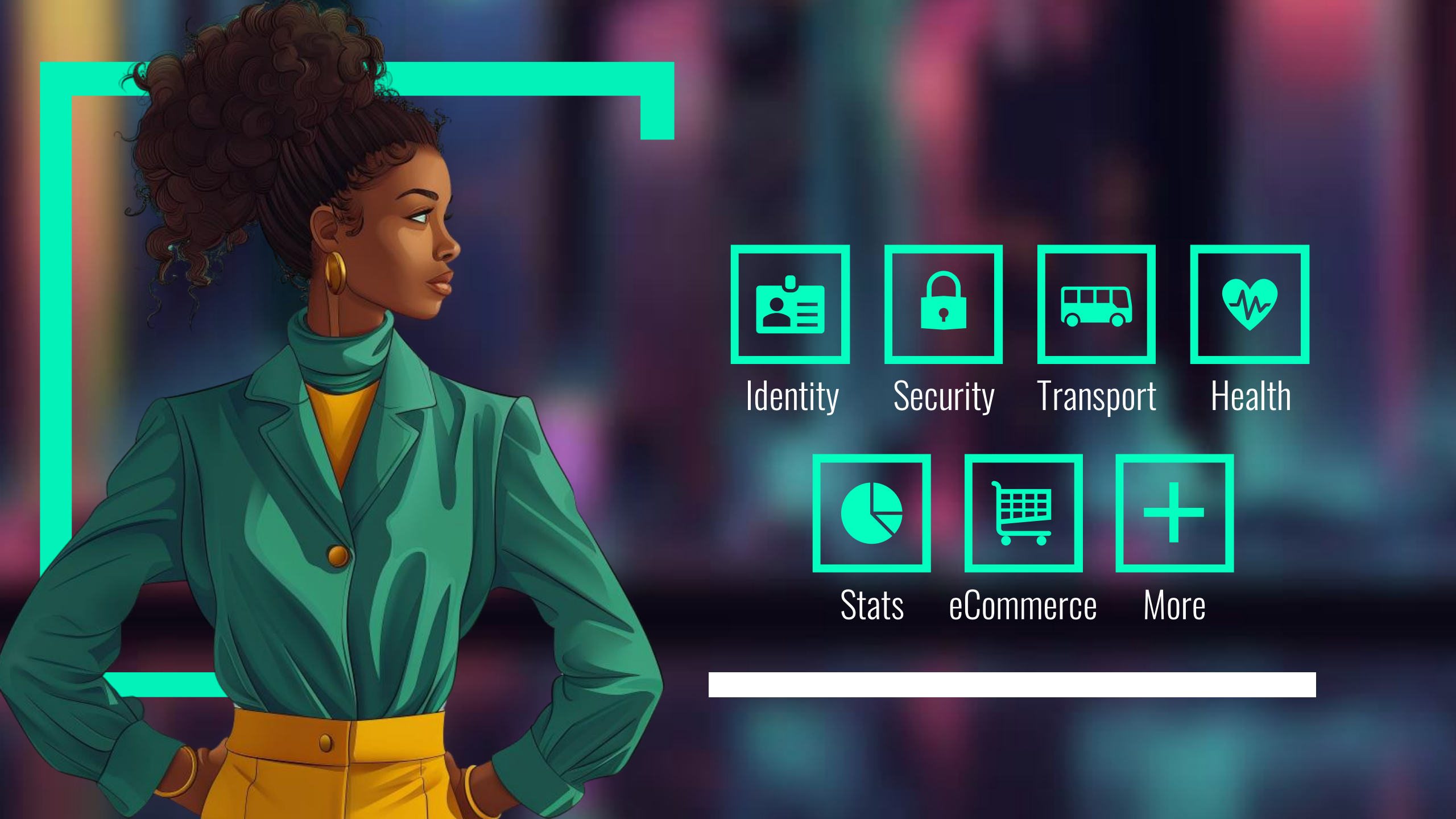

SMART & SECURE
PATIENT DA
SHARING

BOOKING CONFIRMED:
DRIVERS LICENSE
29 FEB 2024, 10am

FULLY DIGITISED CITY SERVICES

SMART

SECURITY


Identity
Security
Transport
Health
Stats
eCommerce
More

GSMA™

Chenosis

Panel discussion

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VP Service & Capability Exposure
Deutsche Telekom

David Del Val
Director of Open Gateway
Telefonica

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Open Gateway DevCon

Wednesday 28th February 2024
15:00-19:00
Theatre 2, Hall 8, Fira Gran Via

Register now

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Up next

Moderator:
Barbara Pareglio
Technical Director
GSMA

Session 2: Towards a standalone future with 5G-Advanced

10:40 - 11:50