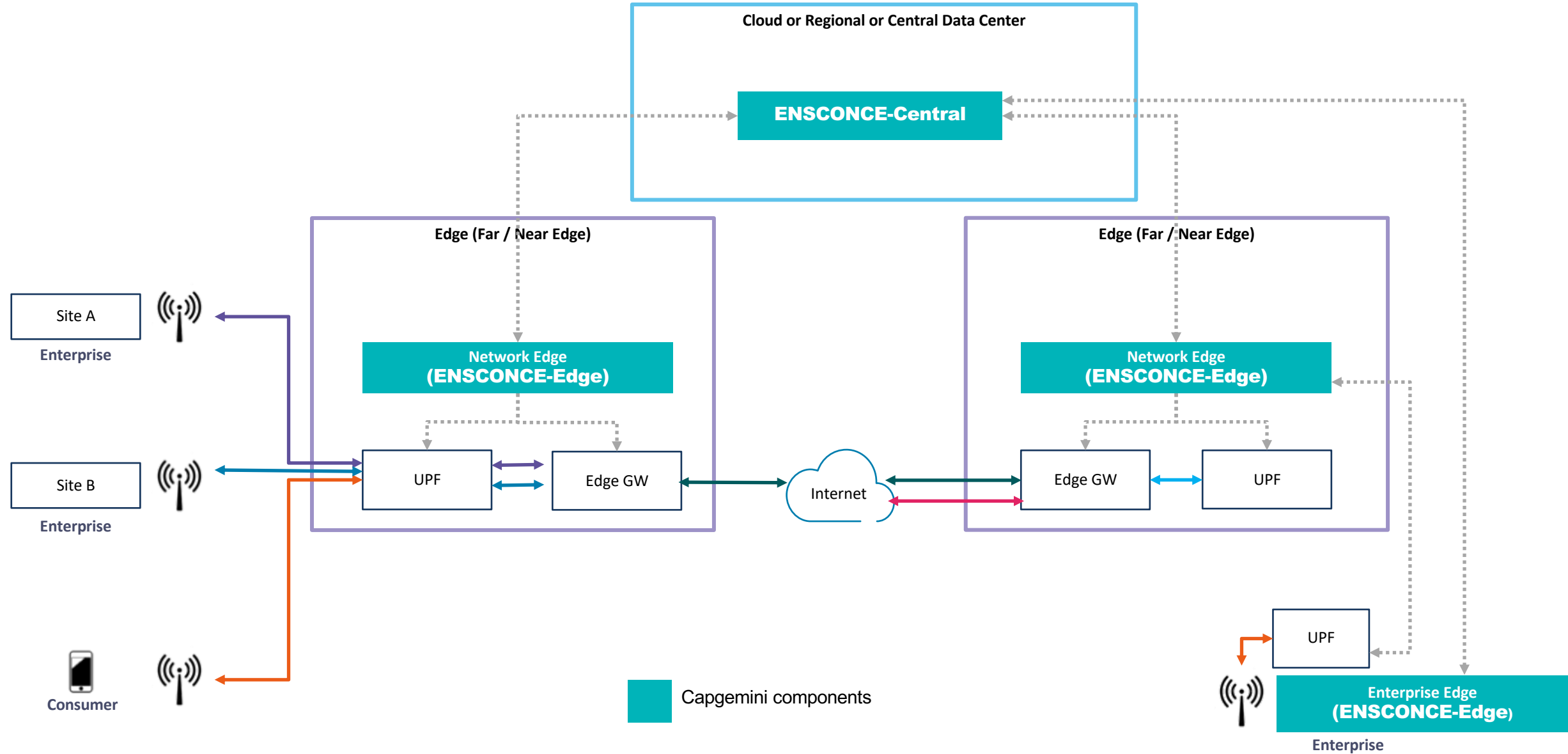


Edge Compute Solution - ENSCONCE

Overview

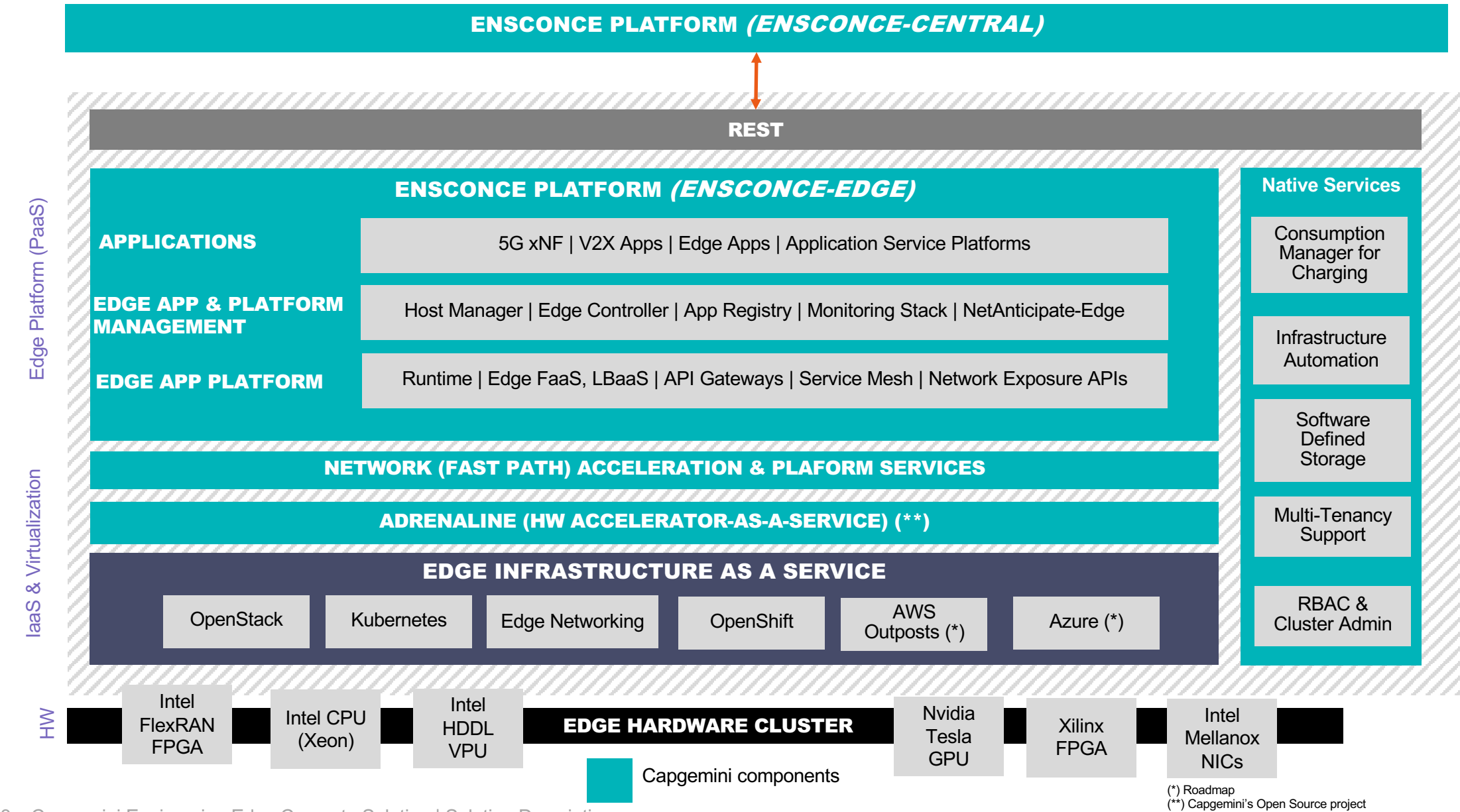


EDGE COMPUTE SOLUTION: REFERENCE ARCHITECTURE



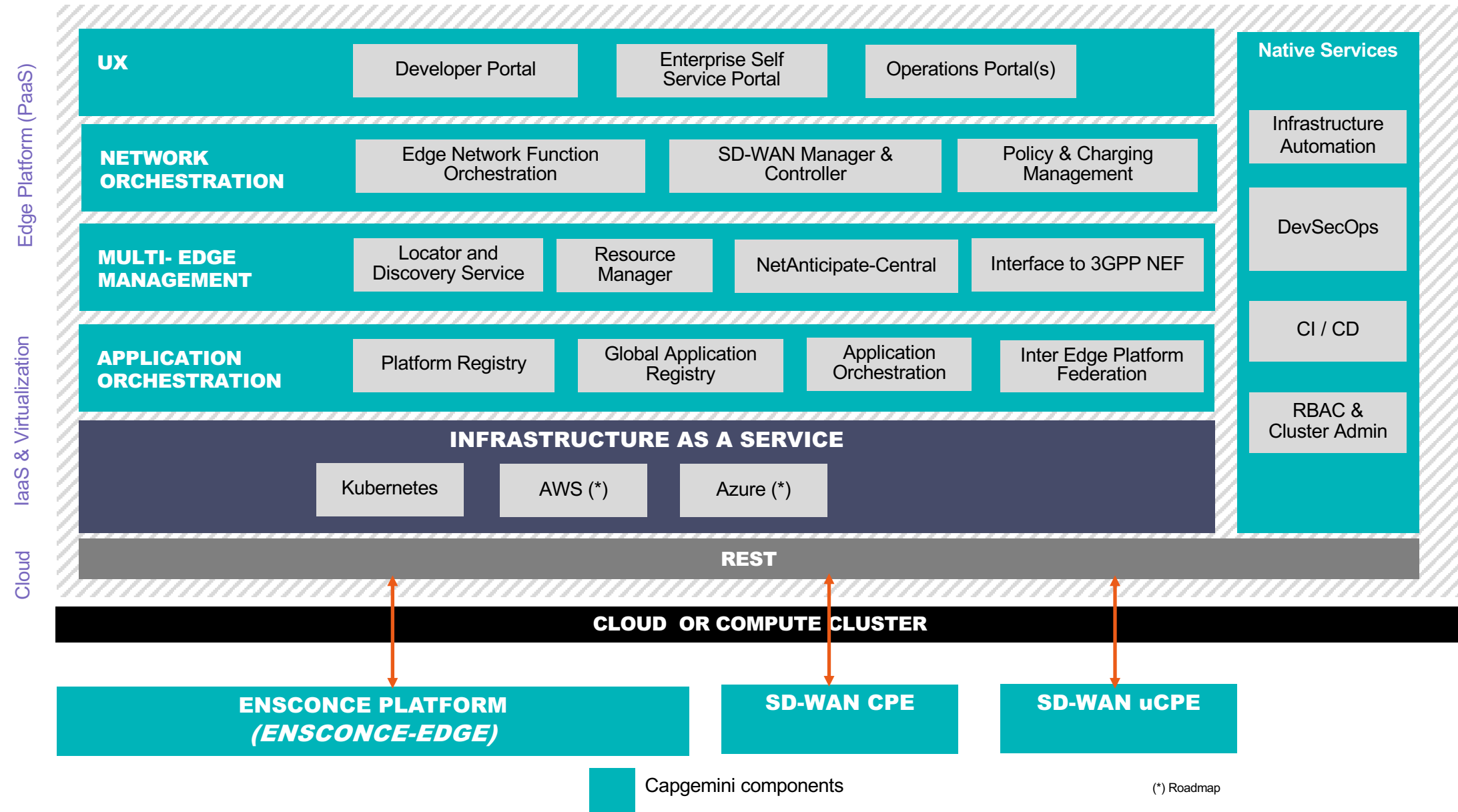


EDGE STACK: ENSCONCE EDGE



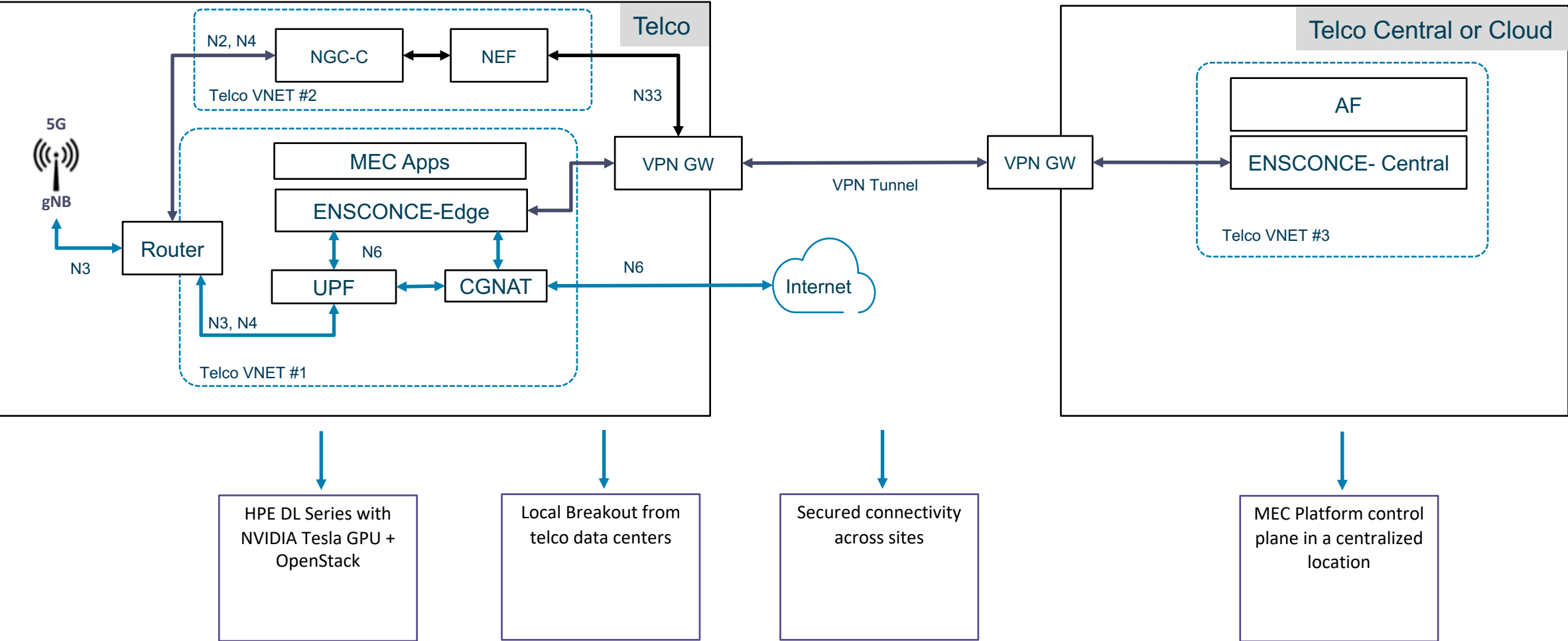


EDGE STACK: ENSCONCE CENTRAL





5G INTEGRATION: DEPLOYMENT ARCHITECTURE





5G INTEGRATION: MEC & 5G SA NEF INTEGRATION

Ongoing Trials in Madrid

Pioneering integration between MEC and 5G SA

Design, Deploy, Integrate MEC with a NEF in 5G SA Core

- Collaboration between Capgemini engineering, Telefonica, Ericsson, Intel
- Capgemini engineering as the MEC technology provider for NEF based interaction with Ericsson's 5G SA Core
- Deployment, integration and testing using Video Analytics application from DeepSight AI Labs
- Deployment, Integration and Demonstration of key MEC features that involve interaction with the Network Exposure Function (NEF) of a 5G SA mobile core network



5TONIC LABORATORY COMPLETES PIONEERING TIGHT INTEGRATION BETWEEN 5G SA NETWORK AND EDGE PLATFORM

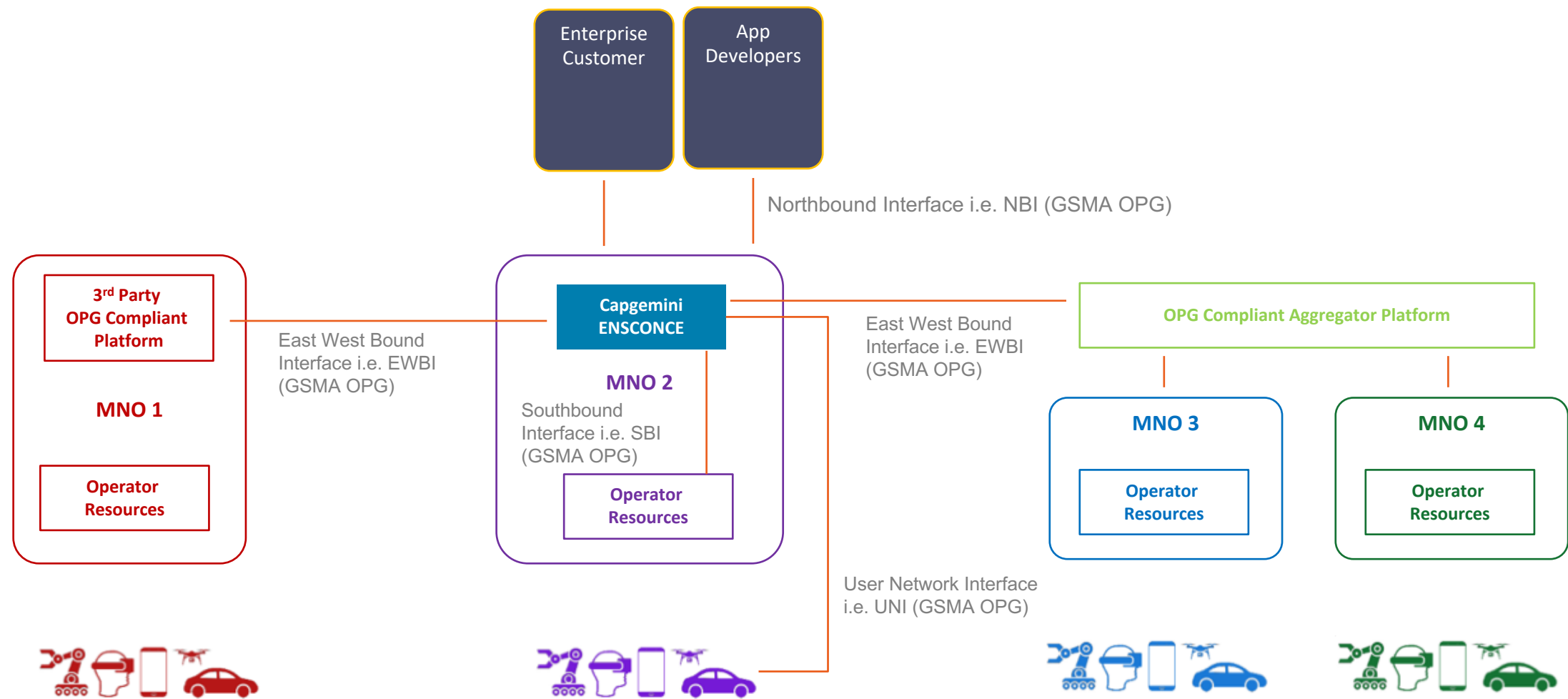


[Press Release link](#)



ENSCONCE: OPERATOR FEDERATION INTERFACES

Capgemini’s Edge Compute Solution, **ENSCONCE** supports **GSMA OPG’s recommendations** for Operator Interconnect and Federation to provide single interface to application developers





WHAT WE ARE DOING

GLOBAL FEDERATION OF MEC PLATFORMS BY OPERATORS

- MEC Market is fragmented due to lack of standardization
- CSPs have a limited footprint, extending up to their Operations Coverage within a Geography
- Need a unified experience for Developers who want to leverage Edge Computing, along with Global reach
- Need to provide Developers/ISVs access to Operator's MEC infrastructure in a simplified and secure way
- Need to enable Smart Discovery to enable application workload placement in the optimal location
- Need to evolve standard APIs to enable Operator Partner interconnects creating a global MEC footprint



CLIENTS & PARTNERS



NOTA DE PRENSA PRESS RELEASE

TELEFÓNICA SIGNS AN AGREEMENT WITH KT Corp., CHINA UNICOM AND
TELSTRA TO COLLABORATE ON THE MULTI-OPERATOR
EDGE COMPUTING EXPERIENCE



In collaboration with the **GSMA Operator Platform initiative**, Telefonica, KT, China Unicom and Telstra have in this phase worked with Altran, to demonstrate a federation between various operator's edge computing platforms so that they can enable its customers to deploy applications and workloads across each operator network and provide access to a global footprint.

The global MEC platform is used to show key features like:

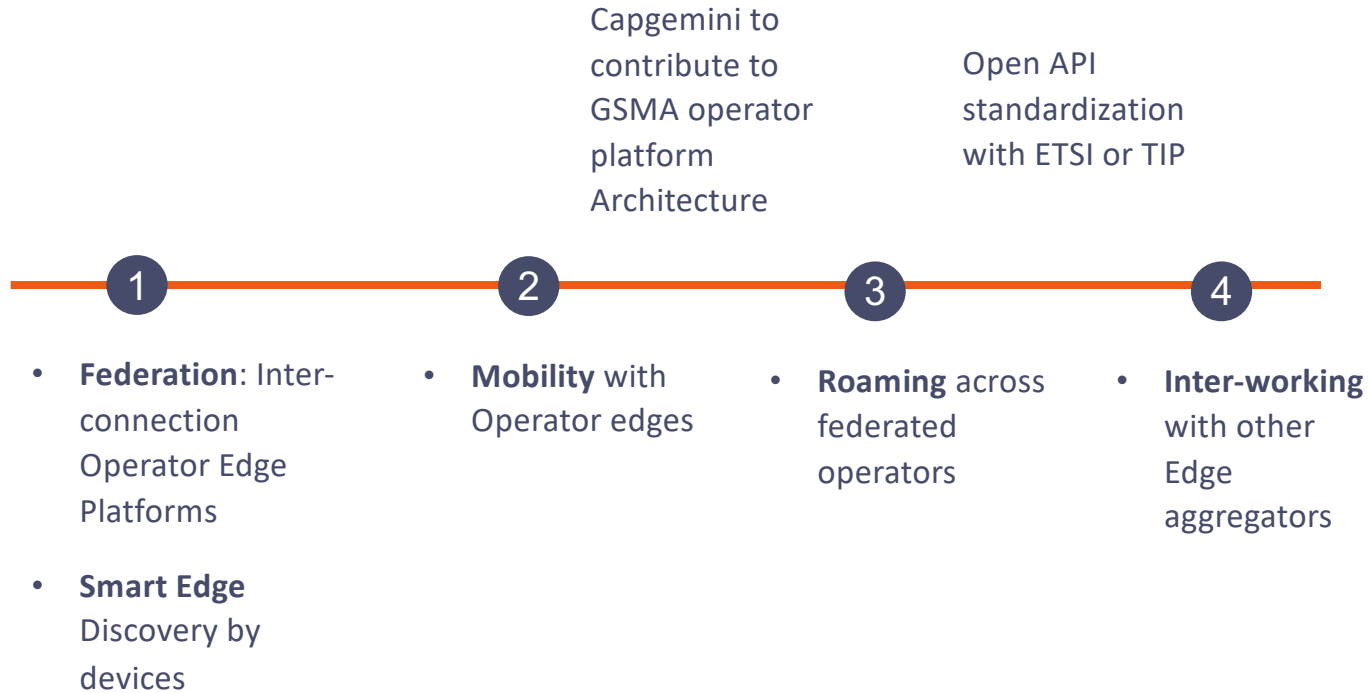
- Select, deploy, and monitor applications across a federation of interconnected operators.
- Onboard new operators to the federated platform.
- Request edge node selection from the end user application to connect to the optimum serving edge node.



WHAT WE ARE DOING

GLOBAL FEDERATION OF MEC PLATFORMS BY OPERATORS

Capgemini Roadmap for the global Multi-Operator MEC Experience Project



CLIENTS & PARTNERS



GSMA and several operators in collaboration with two Edge Compute vendors have developed the first version of the vision of inter-connected Edge Compute platforms (Federation)

CAPGEMINI IN GSMA OPG

Capgemini is contributing to some of the key architectural models of the GSMA Operator Platform

- Operator Inter-connect and Federation Architectures
- Interfaces specifications (UNI, NBI, EWBI, SBI)
- Mobility Architectures including integrating cloud native architectures and 3GPP recommendations
- Roaming architectures and authentication models
- Resource Management of the Operator Platform

CLIENTS & PARTNERS



5G Video Series: Operator Platform (Altran)

Tuesday 7 Apr 2020 | 5G | 5G Video Series | Operator Platform | Resources |



Edge Compute – In collaboration with Altran R&I

<https://www.gsma.com/futurenetworks/resources/5g-video-series-operator-platform-altran/>

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