



EQUINIX



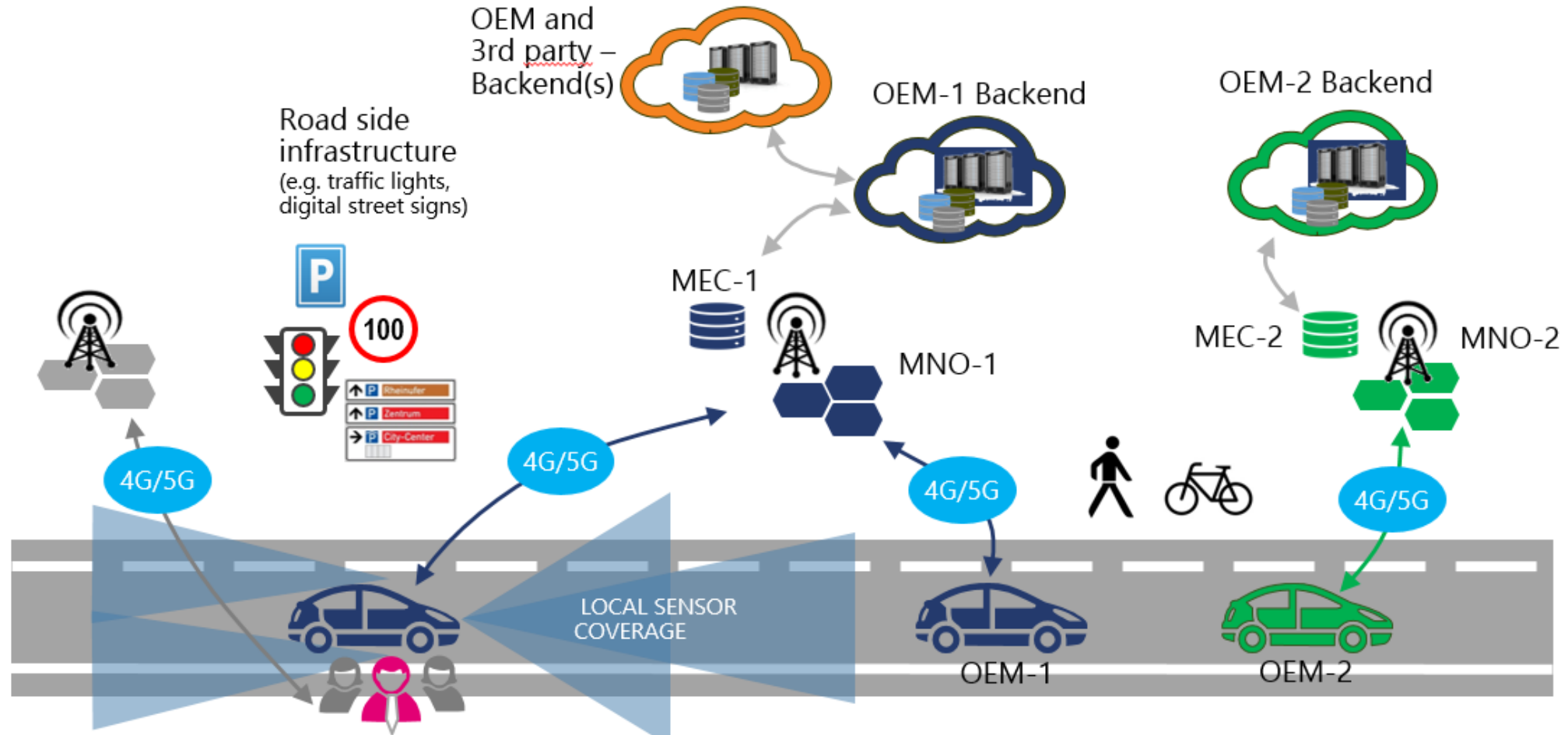
# **MEC Federation: Deployment considerations**

## **ETSI whitepaper No. 49**

Presented to: nog.fi meeting 2022.11  
2022 November 16

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Principal Solutions Architect

# Edge Computing support for automotive scenarios (MEC4AUTO perspective)



Source: MEC for Automotive in Multi-Operator Scenarios. 5GAA Automotive Association Technical Report

# Multi-operator, multi MEC environment

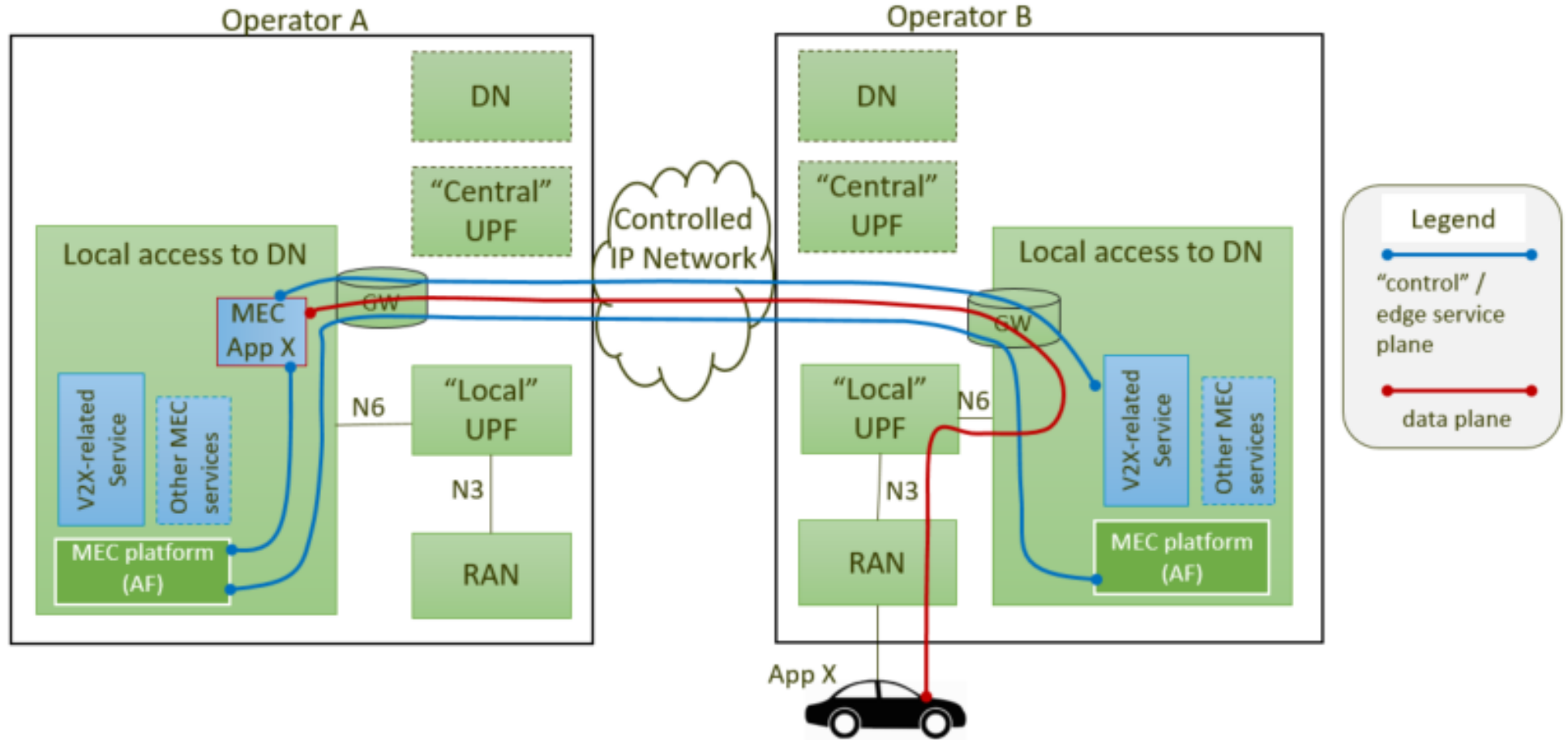


Illustration of Scenario: Both MNOs have MEC platforms, but MEC application Y is available only in MNO A (multiple vehicle OEMs use case)

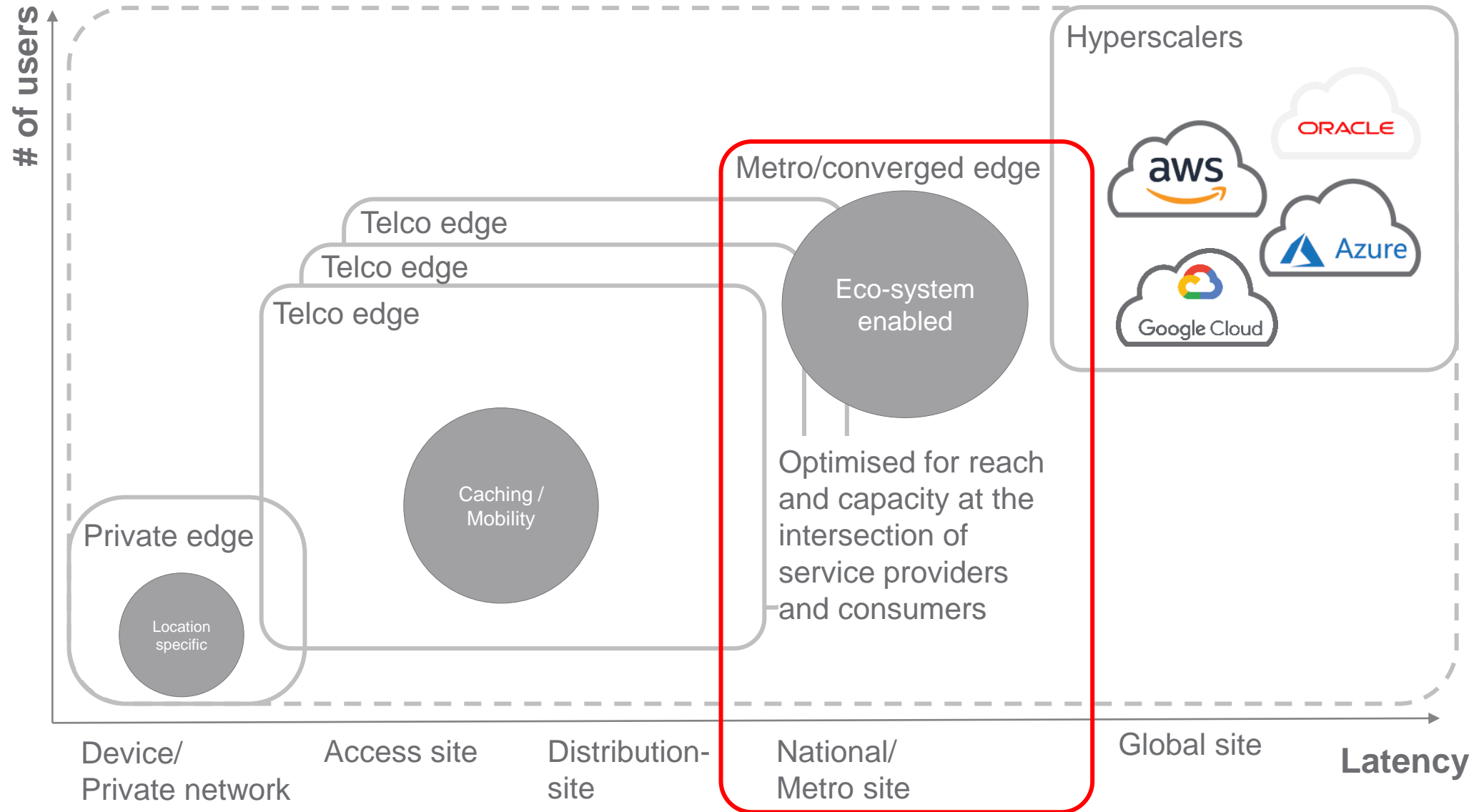
# Controlled IP requirements

Requirements set in document, ETSI GR MEC 035 [2], V3.1.1 (2021-06) - Inter MEC systems and MEC-cloud system coordination

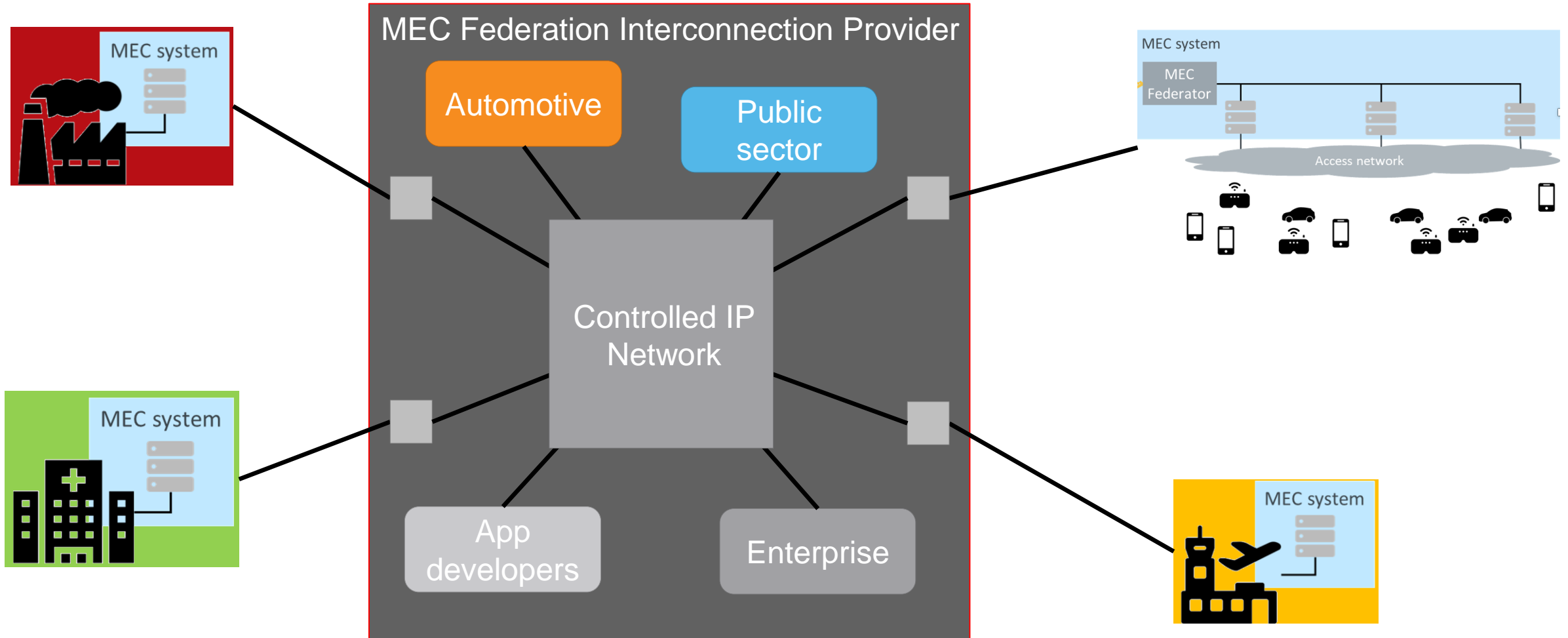
1. A MEC platform should be able to **discover** other MEC platforms that may belong to **different** MEC systems.
2. A MEC platform should be able to **exchange** information in **secure** manner with other MEC platforms that may belong to **different** MEC systems
3. A MEC platform should be able to **exchange** information in a **secure** manner with other MEC **applications** that may belong to **different** MEC system

**Requires private, secure interconnections, API enabled and eco-systems**

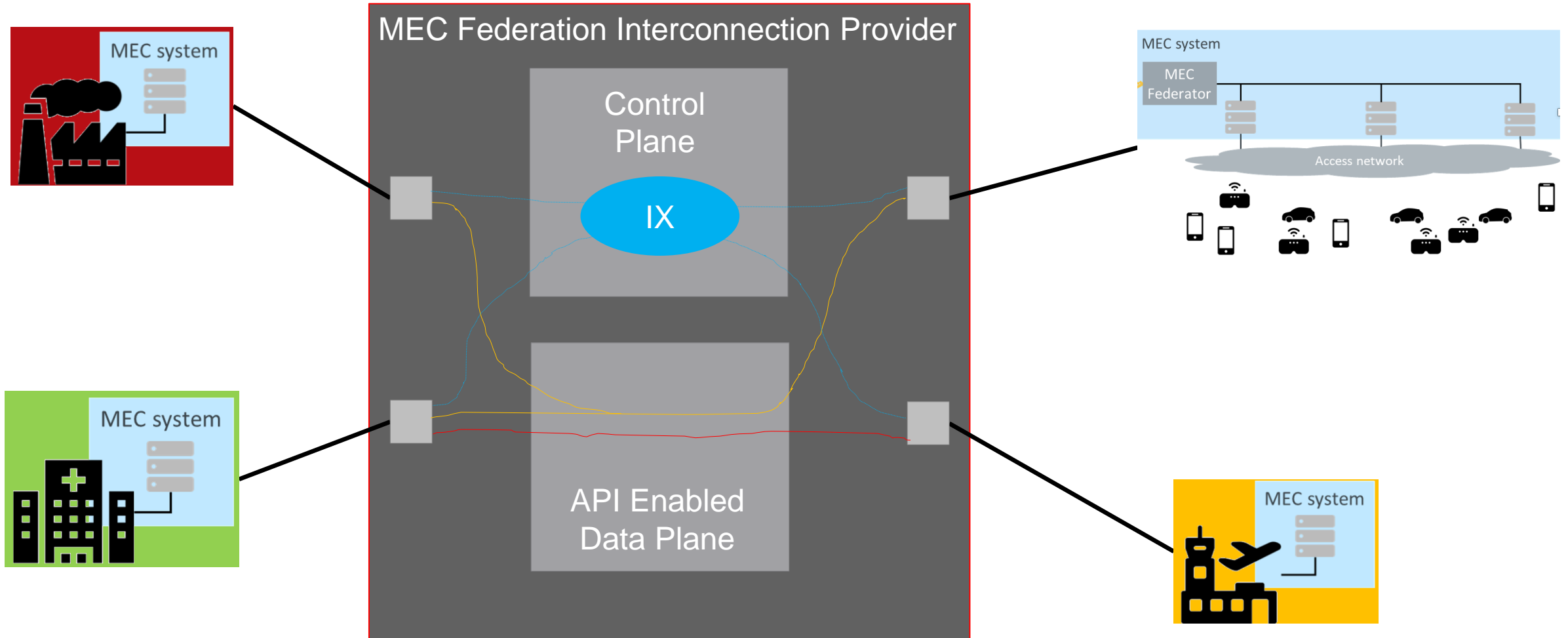
# Metro Edge – The interconnection between networks, services and users



# MEC Federation: Deployment considerations



# MEC Federation: Deployment considerations



# **Authors: MEC Federation: Deployment considerations**

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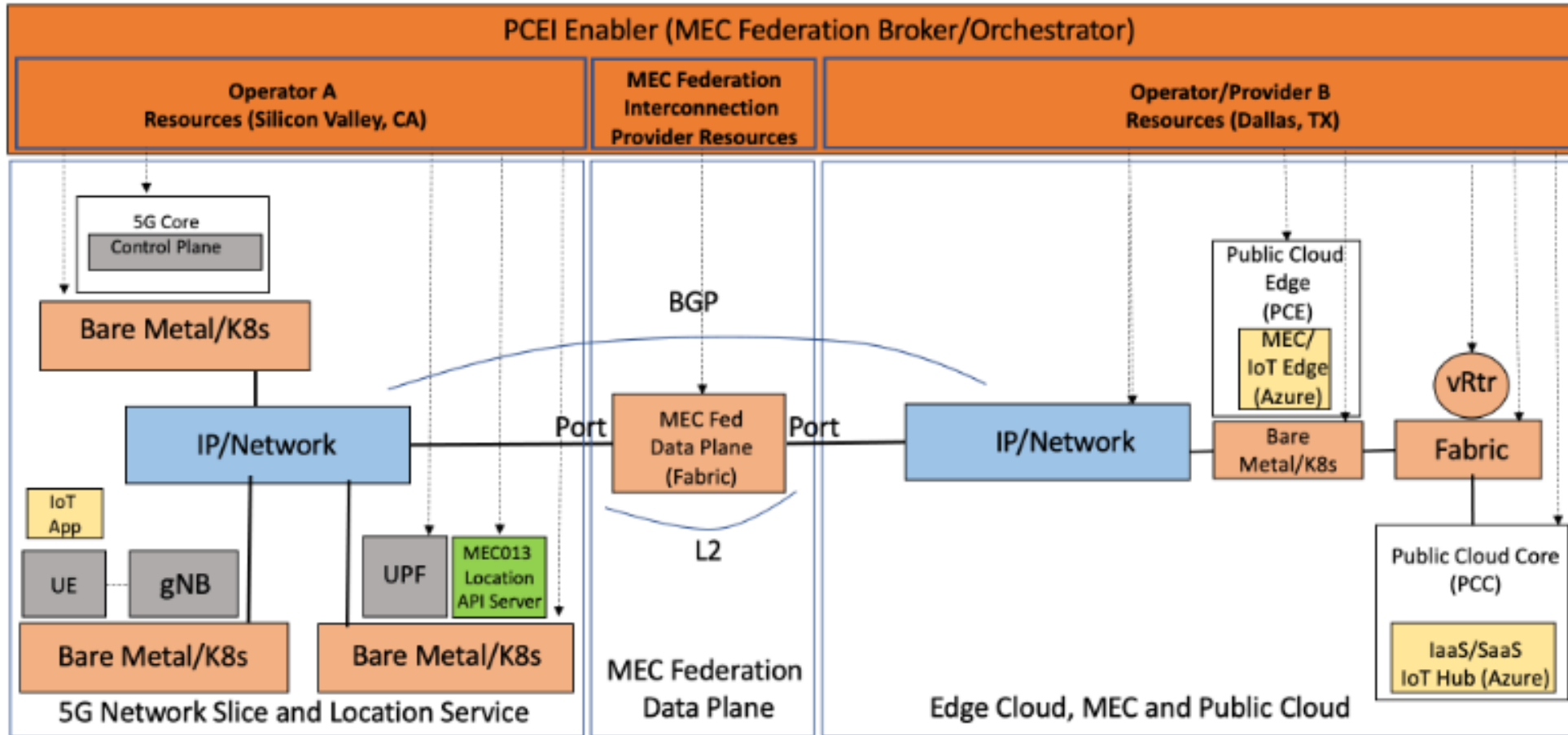


[https://www.etsi.org/images/files/ETSIWhitePapers/ETSI\\_WP\\_49\\_MEC-Federation-Deployment-considerations.pdf](https://www.etsi.org/images/files/ETSIWhitePapers/ETSI_WP_49_MEC-Federation-Deployment-considerations.pdf)



# MEC Service Federation for location aware IOT

## ETSI – Linus Foundation Edge Hackathon 2022



Equinix
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  free5GC
  IoT App (Azure IoT Edge and Azure Cloud)

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<https://europe.edgecomputingworld.com/call-for-edge-developers/>