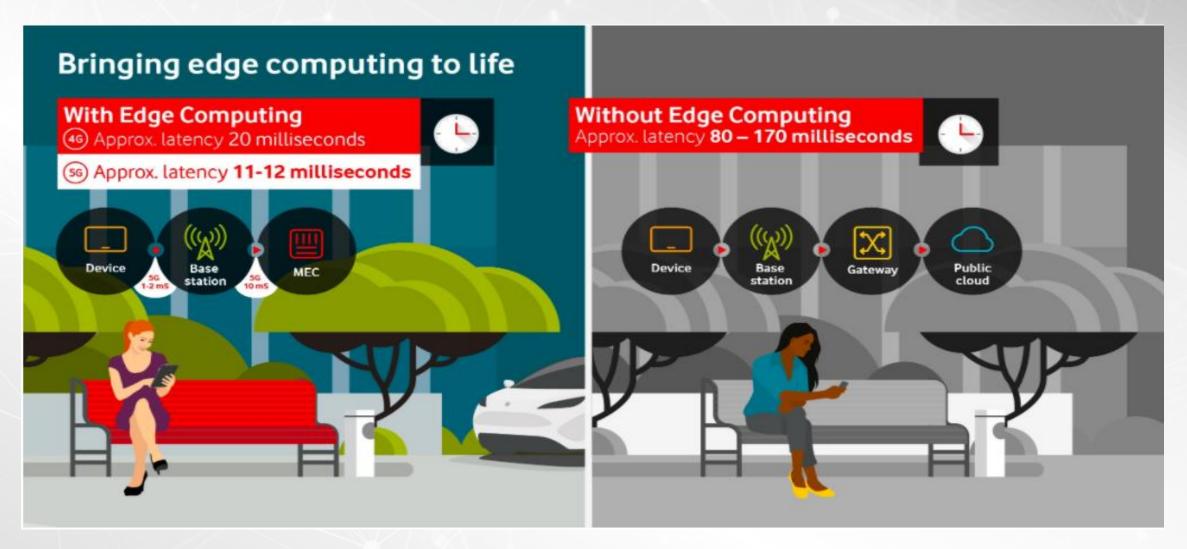


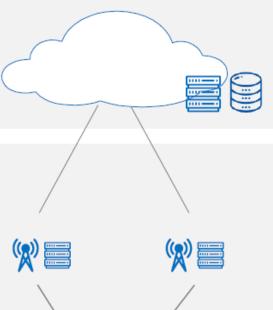
Olti Xhezo Vodafone Group

Will Multi-access Edge Computing actually MEC a difference?



Digital transformation is powering the industrial evolution

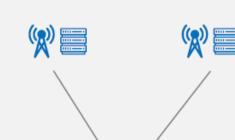




Cloud computing is the de-facto standard for developers and enterprises due to its scalability, flexibility and cost efficiency



Edge Computing



- Multi-access Edge Computing (MEC) refers to computing at the edge of the telco network
 - **Dedicated MEC** bundled with private networks on premise
 - **Distributed MEC** at the edge of macro network



Edge **Applications**



AR/VR





Gaming













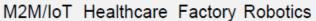




Drones







• A wide range of **potential benefits** of MEC have been proposed



Reliability &

Stability



Data privacy









Distributed

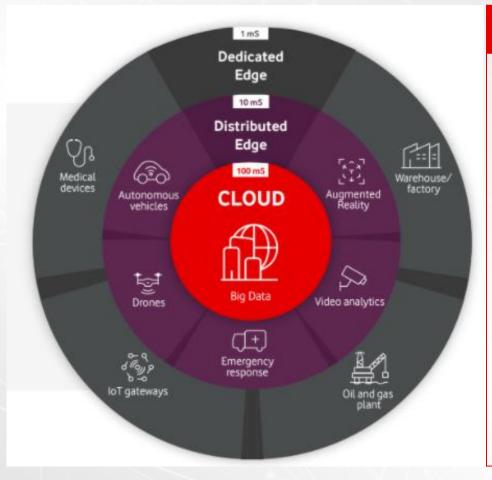
data workload

Ultra low latency

Local data processing

form-factors

Dedicated vs Distributed



Dedicated MEC

Deployed at site, it bundles together edge computing with a mobile private network (MPN), providing secure, dedicated connectivity and computing for the business needs.

- Remote locations that are hard to connect (e.g. industries such as mining, heavy goods and oil and gas or optimised factory).
- Tasks that require an extremely low response time, such as live remote-operated surgery.

Distributed MEC

Supports multiple businesses and brings together the power of the cloud with a public 4G or 5G network.

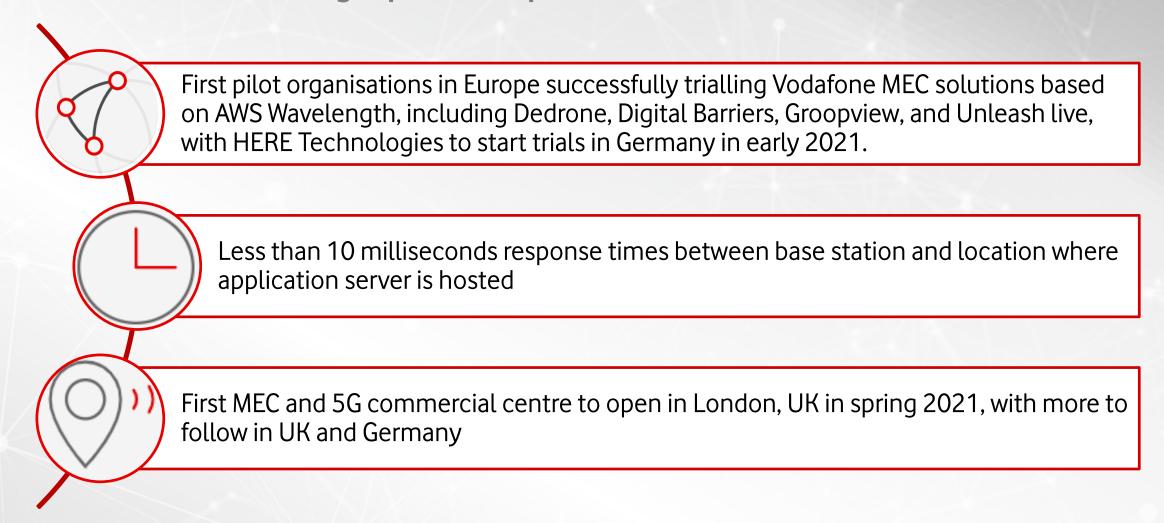
- Suitable for solutions that need to be deployed across various sites and is especially useful when moving assets need to be connected and analyse data in a matter of milliseconds
- Video analytics, real-time asset inspection and drones, as well as immersive experiences in retail, events, and tourism.



Continental and Vodafone worked together to increase road safety by combining 5G, cellular vehicle-to-everything 4 (C-V2X) and MEC technologies to create a digital shield to prevent accidents on the road. More info here

Giving organisations in Europe the edge

Vodafone and AWS Wavelength partnership



Vodafone Business will run a MEC innovation programme in collaboration with AWS from early 2021 for a wider developer and business community to experiment with this new technology. More info here.

The power of our ecosystem

