



OPEN EDGE COMPUTING INITIATIVE **FALL ONLINE WORKSHOP**

7 AND 8 DECEMBER 2020

- DAY 1 -

WELCOME – OVERVIEW WORKSHOP PARTICIPANTS

Cloud Service Providers

AWS
Microsoft

Communication Systems and Technology

CommScope

Edge Applications

Akka
EdgeGap
Megh

Edge Infrastructure

EdgeInfra Group
Vapor IO

Edge Management Platforms

Alef Mobile Technology
Altran
Cirrus360
MobiledgeX
VMware

Research, Development, Innovation

CableLabs
Carnegie Mellon University
InterDigital

Silicon Technology

ARM
Intel
Seagate

Standardization, Industry Consortia and Open Source

ETSI MEC
GSMA
Huawei / ETSI MEC
NGMN
OpenStack Foundation
Small Cell Forum

Telecom Operators

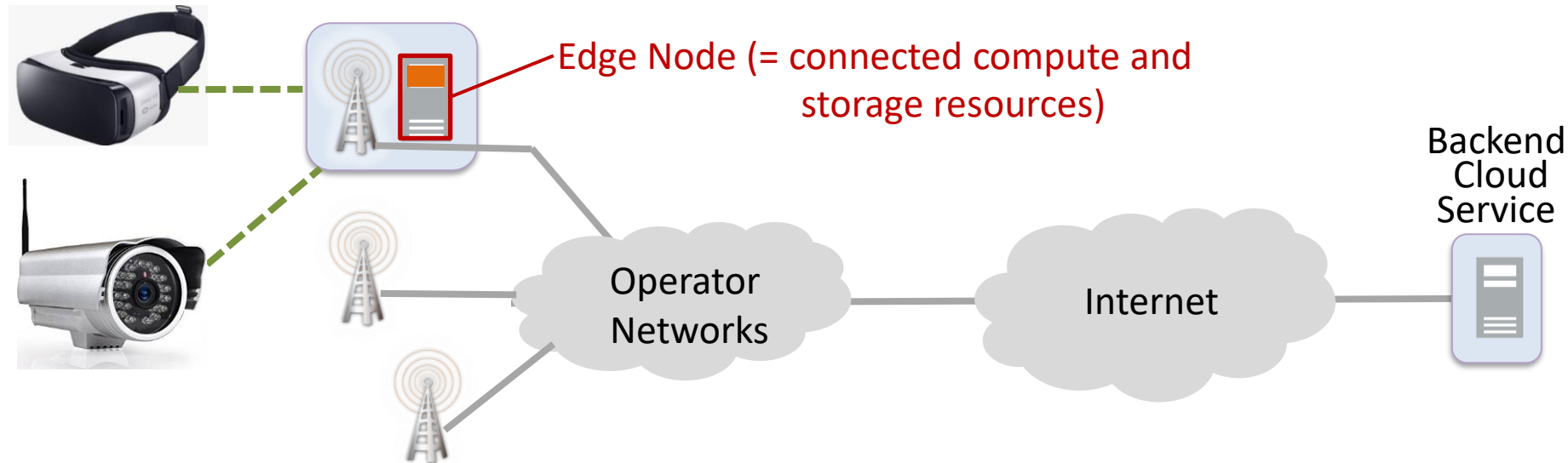
AT&T
Bell Canada
BT
Crown Castle
Deutsche Telekom
JIO
Proximus
Telefonica
Verizon
Vodafone

WHAT IS EDGE COMPUTING?

➡ Edge Computing: small data centres at the network edge that offer connected compute and storage resources right next to the user

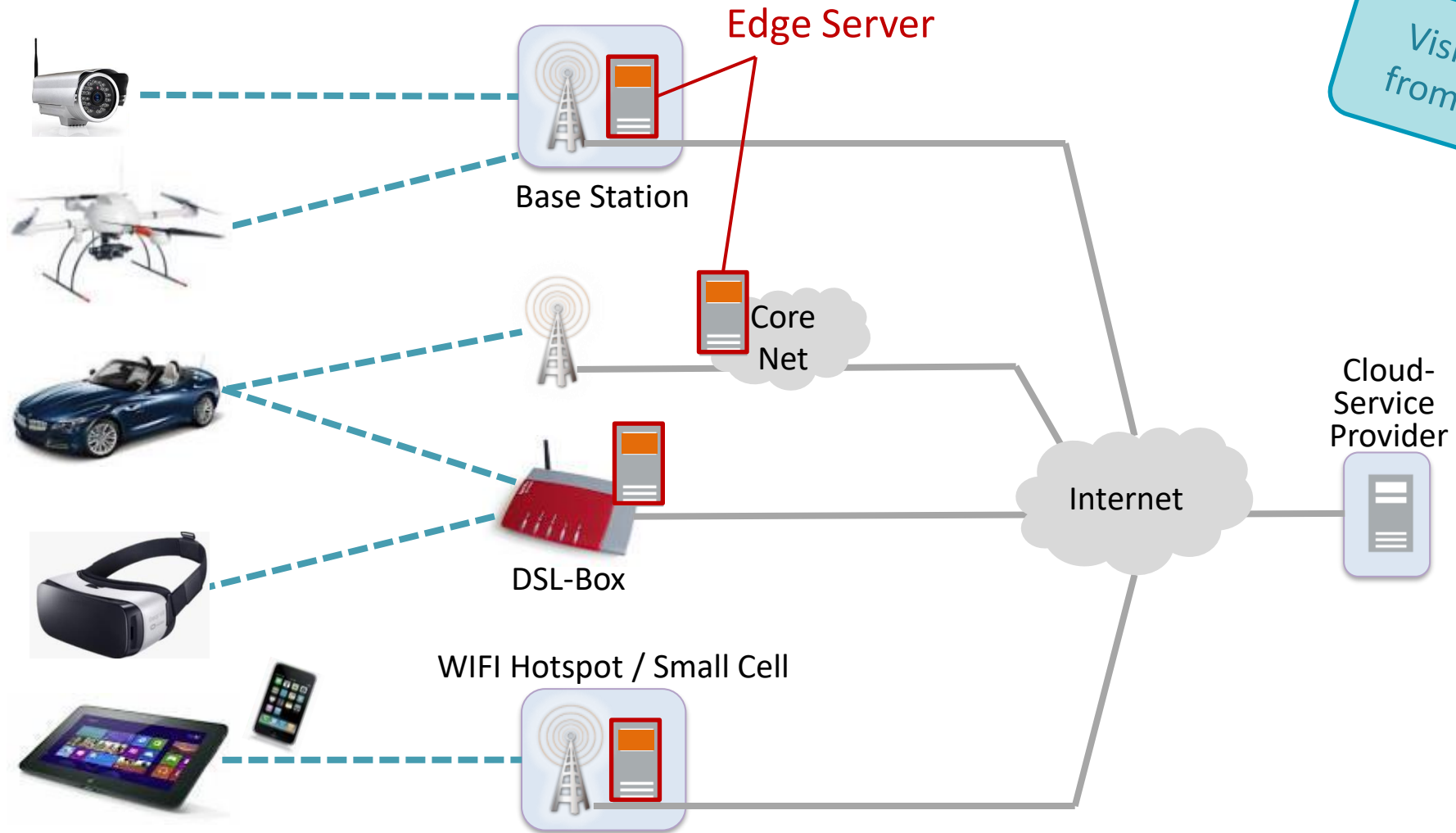
Example Use Cases:

- Virtual reality application connected with head mounted display
- Analyzing large volumes of data right at the edge (Edge Analytics)



OPEN EDGE COMPUTING VISION:

All network edge components offer edge resources through open and standardized mechanisms to any application, device or sensor to enable Edge Computing.



OPEN EDGE COMPUTING INITIATIVE: KEY ACTIVITY AREAS

OEC Mission: ...is a collective effort for driving the business opportunities and technologies surrounding edge computing.

- **Drive Cross-Operator Edge Alignment**
→ Agree and establish a edge technology that enables a globally uniform mechanism to use Edge services (Edge Platform API's, Edge Interconnect, Edge Federation etc.)
- **Drive Edge Adoption**
→ Develop attractive edge applications and drive engagement with edge application developers
- **Tackle Key Technology Challenges**
→ Deliver prototype solutions for key technical edge challenges (hand-off, GPU sharing etc.).
Release solutions as open-source
- **Engagement and Alignment**
→ Cooperation with other edge related activities and initiatives (ETSI MEC, GSMA, Linux Foundation Edge, OpenStack etc.)
- **Living Edge Lab**
→ Provide and utilize an E2E testbed for edge applications and technologies

For further information

Twitter: @openedgecomput1, Web: www.openedgecomputing.org

OPEN EDGE COMPUTING INITIATIVE - CURRENT PARTNERS

(AS OF DECEMBER 2020)

Industry Partners

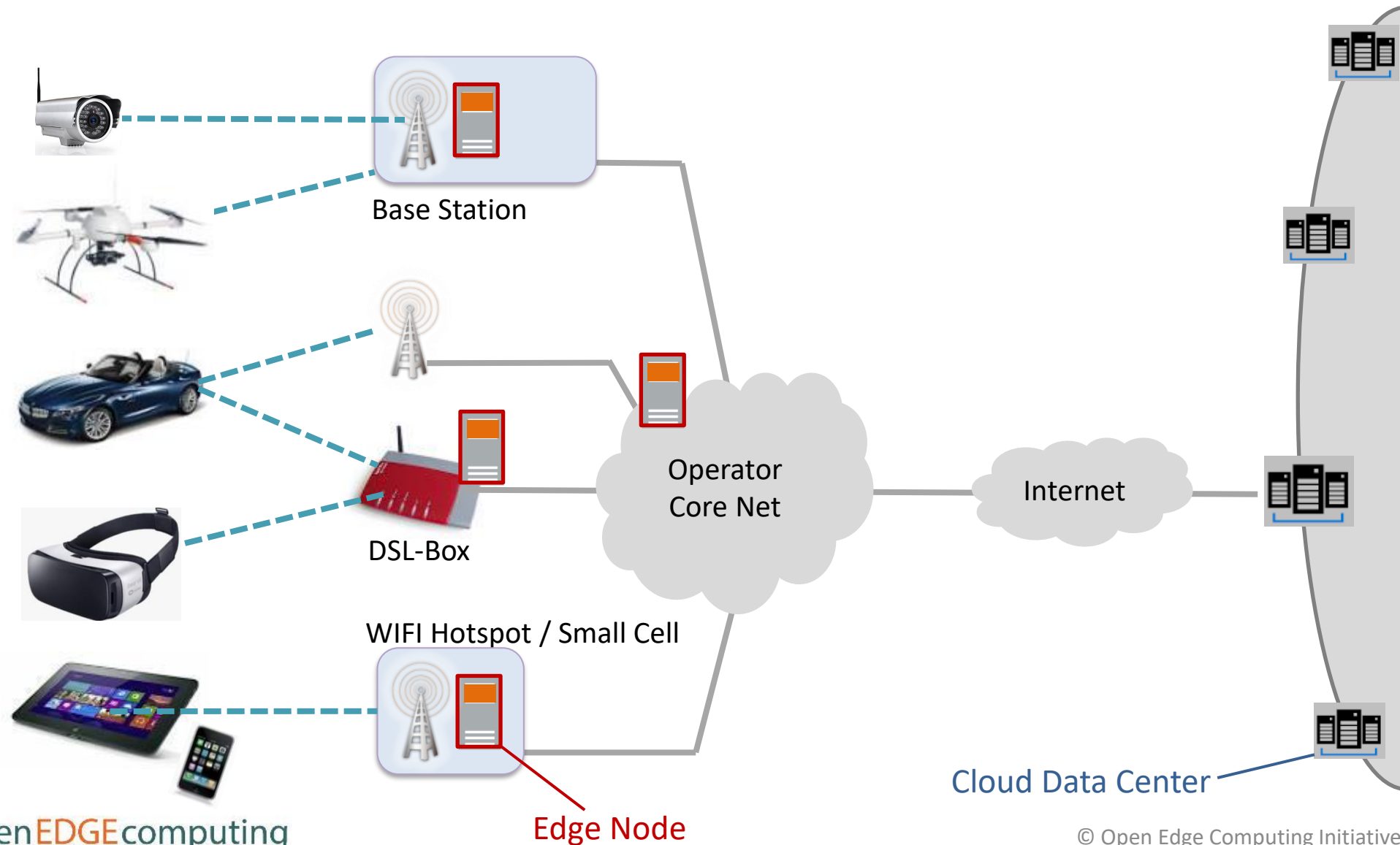
- Crown Castle
- Deutsche Telekom
- Intel
- InterDigital
- Microsoft
- MobilEdgeX
- NTT
- Seagate
- Verizon
- VMware
- Vodafone

Academic Partner

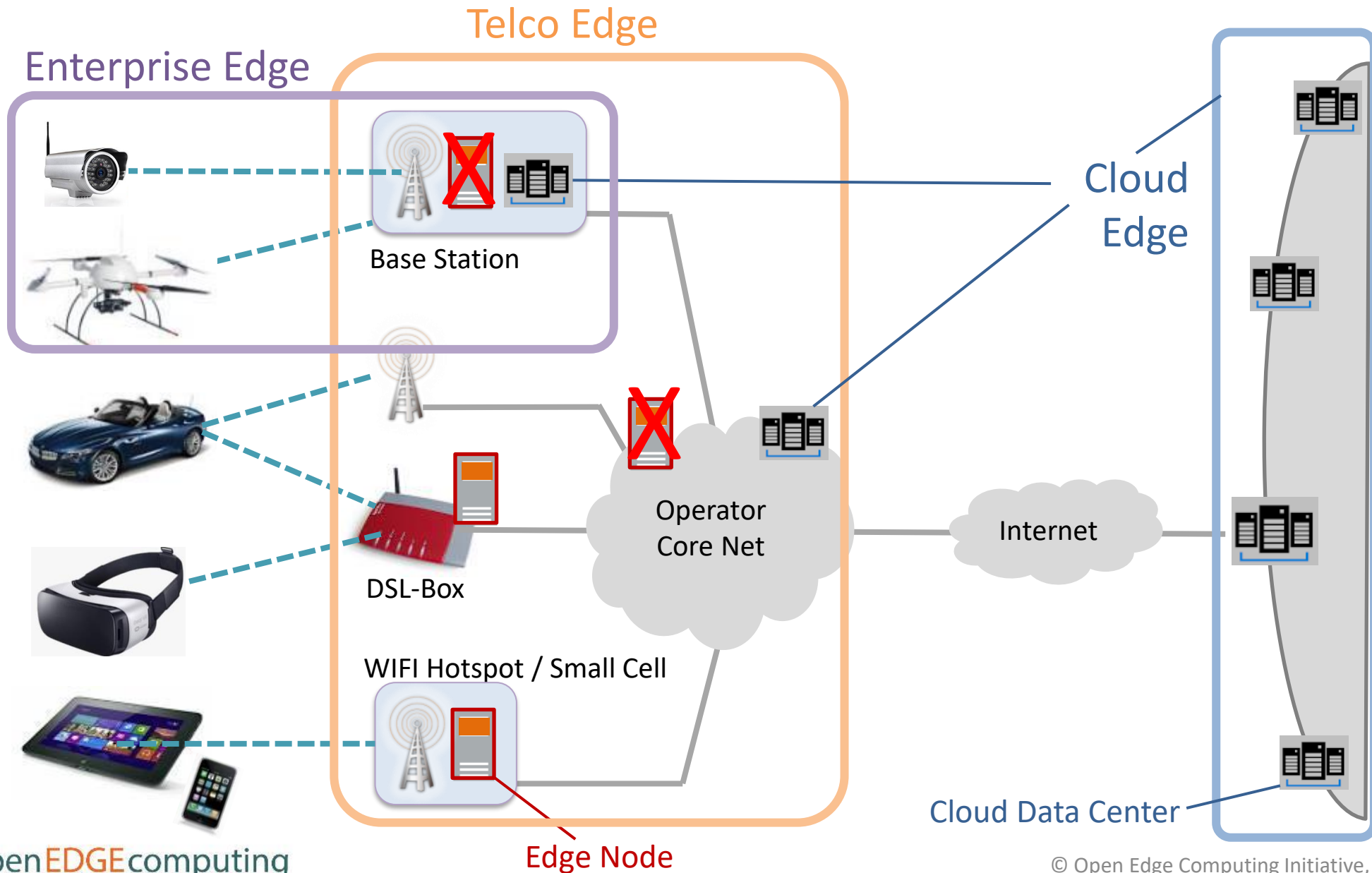
- Carnegie Mellon University



CURRENT EDGE MARKET SITUATION & DEVELOPMENT



CURRENT EDGE MARKET SITUATION & DEVELOPMENT



OEC SPRING ONLINE WORKSHOP 2020 – OVERVIEW TARGETS

General Workshop Target

- Update on Edge Computing
- Voice of the customer – Look at attractive edge applications
- OEC partner edge activities – Share insight / success stories
- Look at the latest edge research from CMU
- Connecting edge enthusiasts globally
- (OEC workstreams – Review existing / initiate new workstreams)

Special focus this workshop:

- Bring together the Telco Edge and the Cloud Edge
- Get a better understanding of both „universes“
 - Business opportunities and risks
 - Technology opportunities and challenges
- Start a process of dialog and cooperation to make Edge Computing a global success

Networking between Participants

- 1-to-1 Private Chat (at any time)
- 1-to-1 Voice / Video (break and after workshop)
→ tell Jim Blakley via chat who would like to meet (2 or more participants)
- → Jim will create a breakout room for you and move you there
- You may return to the main meeting by pressing “leave room”

DAY 1



Open Edge Computing Initiative Fall Online Workshop – Agenda

7 and 8 December, 2020

DAY 1 - 7 December 2020

<i>CET</i>	<i>EST</i>	<i>PST</i>		<i>CET</i>	<i>EST</i>	<i>PST</i>	
17:15	11:15	8:15	Web-Conference Set-up and Test with all Participants	19:40	13:40	10:40	Cloud Edge and Telco Edge Telco Edge and Edge Computing @ Telefonica Juan Carlos Garcia Lopez, Telefonica Telco and Cloud Convergence at the Edge Rolf Mural, MobileEdgeX Ramkumar Venketaramani, VMware
17:30	11:30	8:30	Introduction Welcome and Introductions (Satya & Rolf) Workshop & OEC Overview (Rolf)				
17:50	11:50	8:50	Edge Applications and Services Microsoft Azure for Operators Landon Cox, Microsoft Vodafone Business – bringing the incredible to life on the Edge Elizabeth Rumsey, Vodafone VMAP - Verizon Media Acceleration Platform Raheel Khalid, Verizon XR Labs Gaming on the Edge - Review and Roadmap Mathieu Duperre, EdgeGap	20:20	14:20	11:20	Summary Workshop Session Day 1 Summary Day 1 and Outlook Day 2 (Satya & Rolf)
				20:30	14:30	11:30	End of Workshop Day 1 1-to-1 communication between participants until 15:30 EST
			Networking Break				

CET = Central European Time

EST = Eastern Standard Time

PST = Pacific Standard Time

DAY 2



Open Edge Computing Initiative Fall Online Workshop – Agenda

7 and 8 December, 2020

DAY 2 - 8 December 2020

<i>CET</i>	<i>EST</i>	<i>PST</i>	
17:15	11:15	8:15	Web-Conference Set-up and Test with all Participants
17:30	11:30	8:30	Welcome Overview Workshop Day 2 (Satya & Rolf)
17:35	11:35	8:35	Update on Edge Work at OEC & CMU OEC - Progress and Outlook (Rolf and Jim) CMU - Recent Research Results (Satya)
18:10	12:10	9:10	Edge Technology and Eco System ETSI MEC: moving the ecosystem forward Alex Reznik, ETSI MEC Accelerators in Data Centers & Edge Nodes Siamak Tavallaei, Microsoft A secure, cloud native Edge with ARM Project Cassini Augustine Nebu Philips, ARM

Networking Break

<i>CET</i>	<i>EST</i>	<i>PST</i>	
19:30	13:30	10:30	Future of Edge Simplified Persistent Storage to provide QoS and Resiliency Tom Prohovsky, Seagate Edge-Native XR Gaming Bob Gazda, Interdigital Edge is the New Cloud Joe Hammer, AlefEdge
20:25	14:25	11:25	Workshop Summary Summary of Workshop and Action Items (Satya & Rolf)
20:30	14:30	11:30	End of Workshop

1-to-1 communication between participants until 15:30 EST

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