Red Hat Summit

Connect

"Intelligent Industry" y 5G - Edge

OCT 2022

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Agenda

1| 5G Industrial Revolution
2| Capgemini 5G Edge Compute Solution: Ensconce
3| 5G Uses Cases: Capgemini Approach
4|Cases Studies
5| Final Takes

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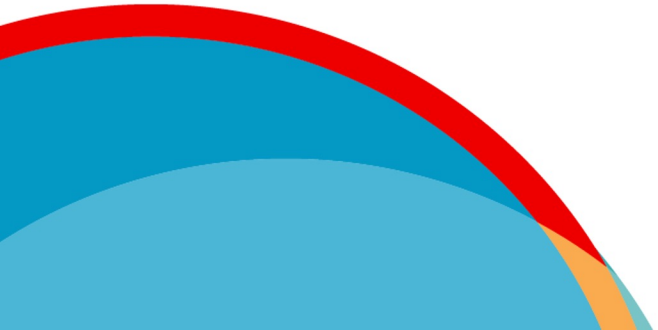
1. 5G Industrial Revolution



5G & EDGE

5G Benefits are being sought after by industrials to unlock the full potential of their digital transformation

60%

Respondents & early adopters say that **5G** has helped them realize **higher operational efficiency**

40%

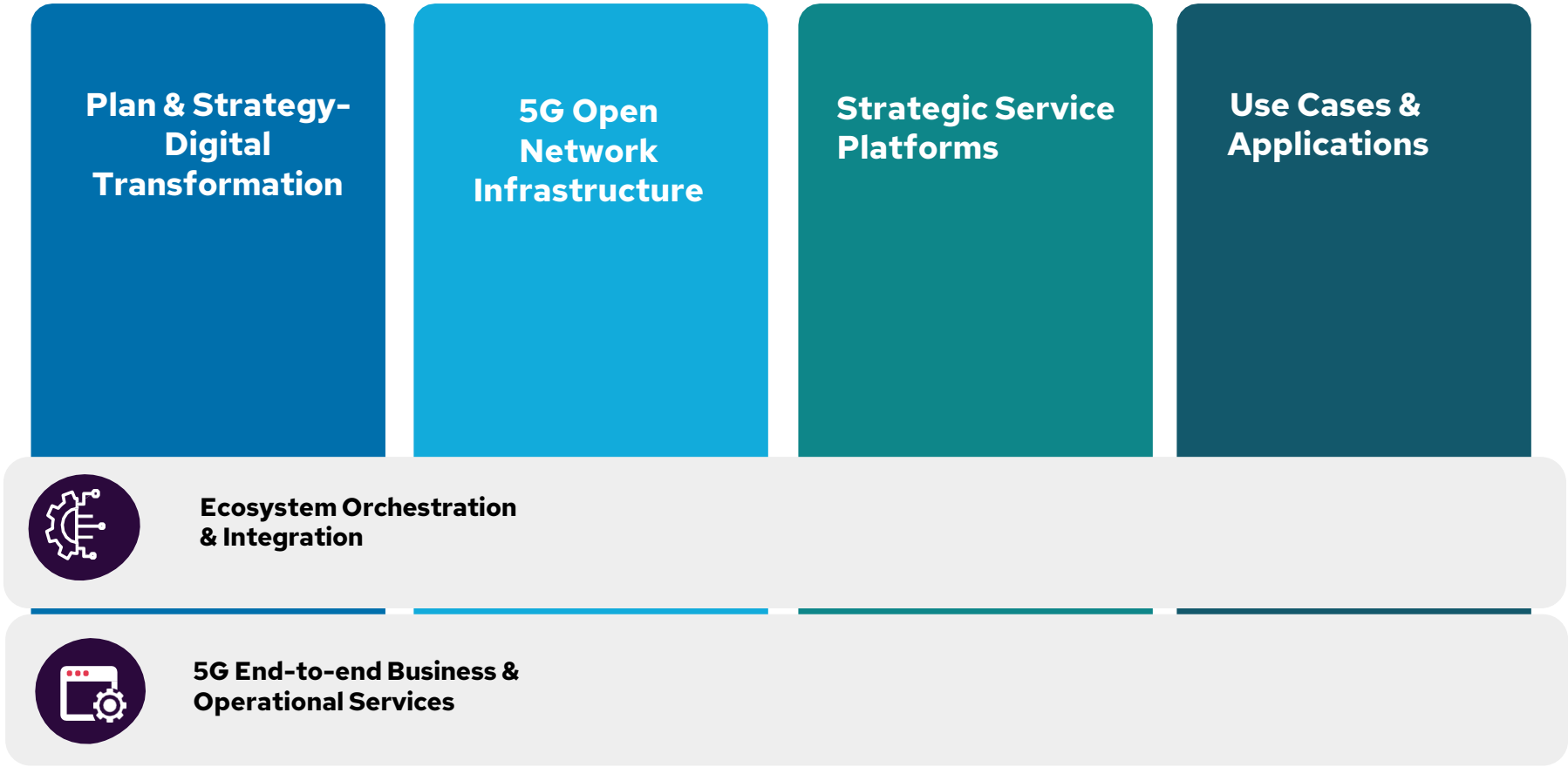
Respondents of Industrial organizations expect to **rollout 5G** at a **single site within 2 years**

60%

Respondents of industrial organizations also plan to **offer new services enabled by 5G**

Source: Capgemini research institute report "5G Industrial Revolution", Survey of senior executives from 1,000 industrial organizations that plan to adopt 5G as part of their operations, and 150 senior executives from 75 telecom organizations that have rolled out or are planning to roll out 5G networks., February-March 2021

OUR SERVICE OFFERING: WE HELP CLIENTS STRATEGIZE, BUILD, TRANSFORM AND DELIVER BUSINESS VALUE WITH 5G & EDGE



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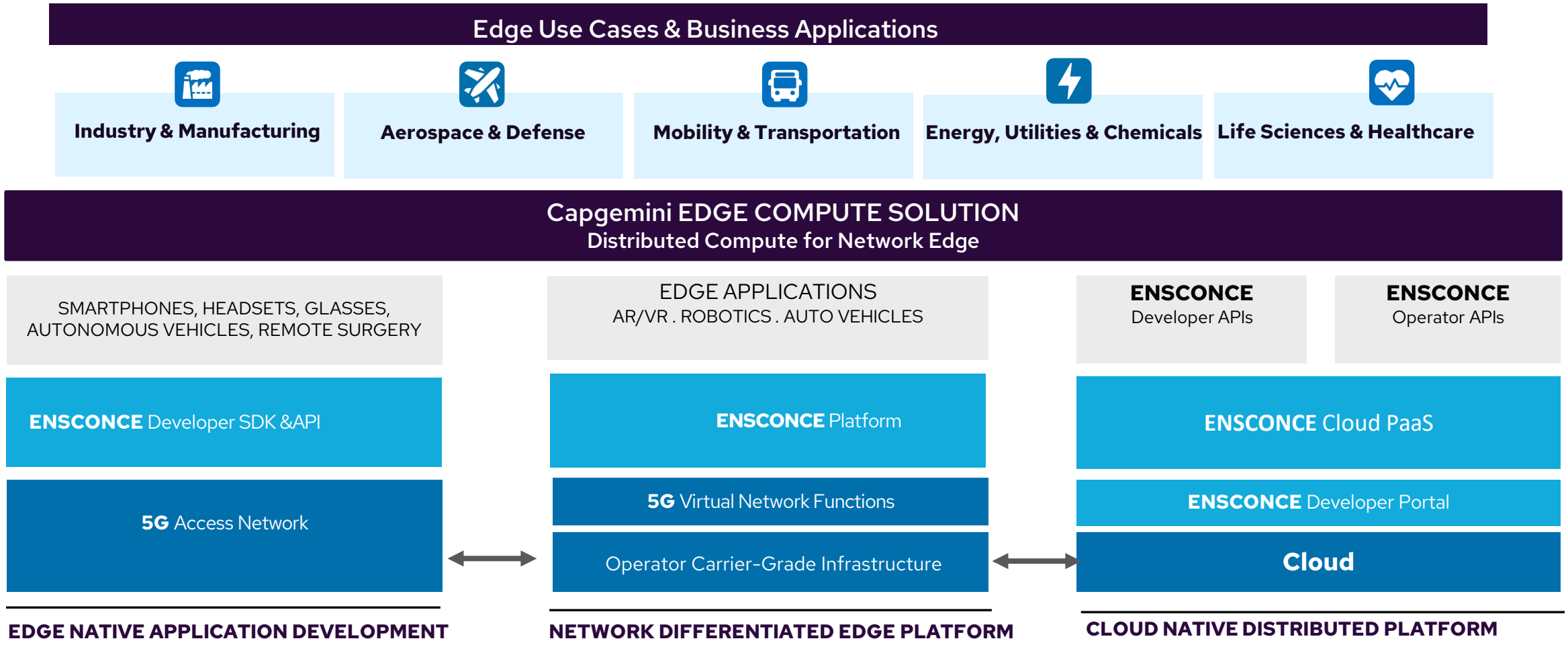
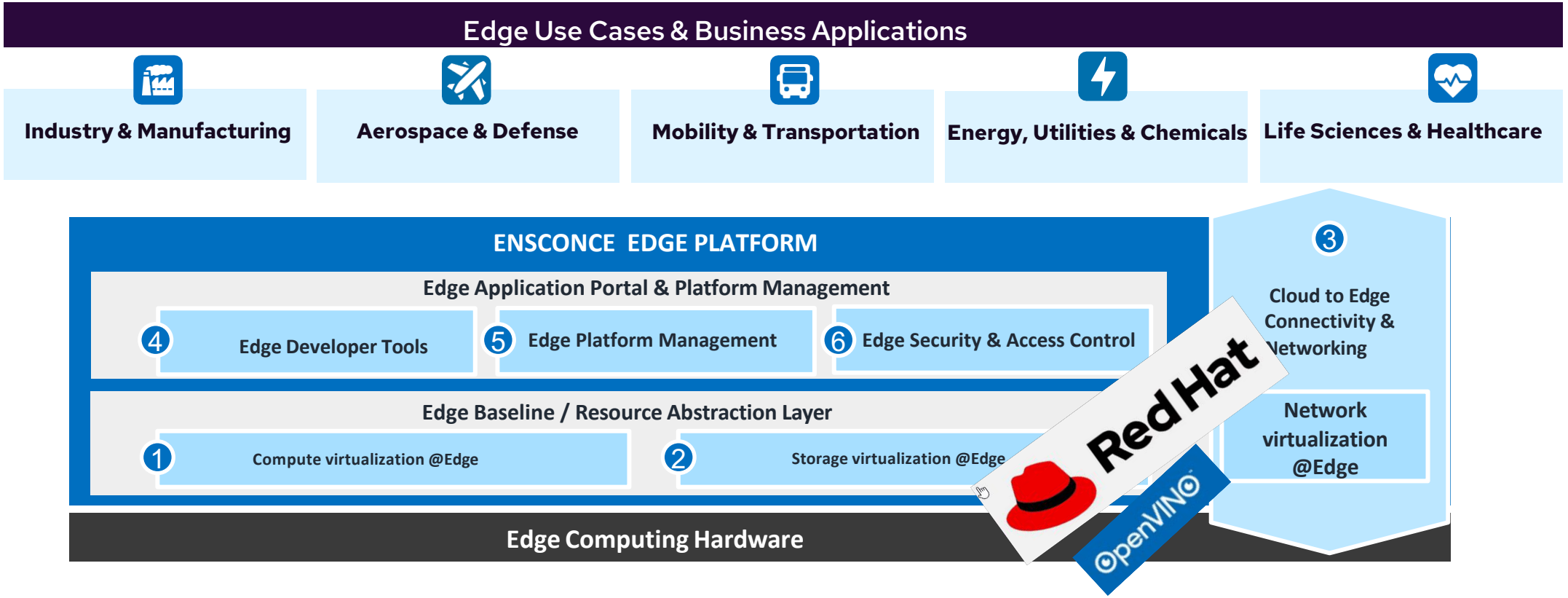
2.Capgemini 5G Edge Compute Solution: Ensconce

CAPGEMINI EDGE COMPUTING SOLUTION ENSCONCE



ENSCONCE: CAPGEMINI EDGE PLATFORM



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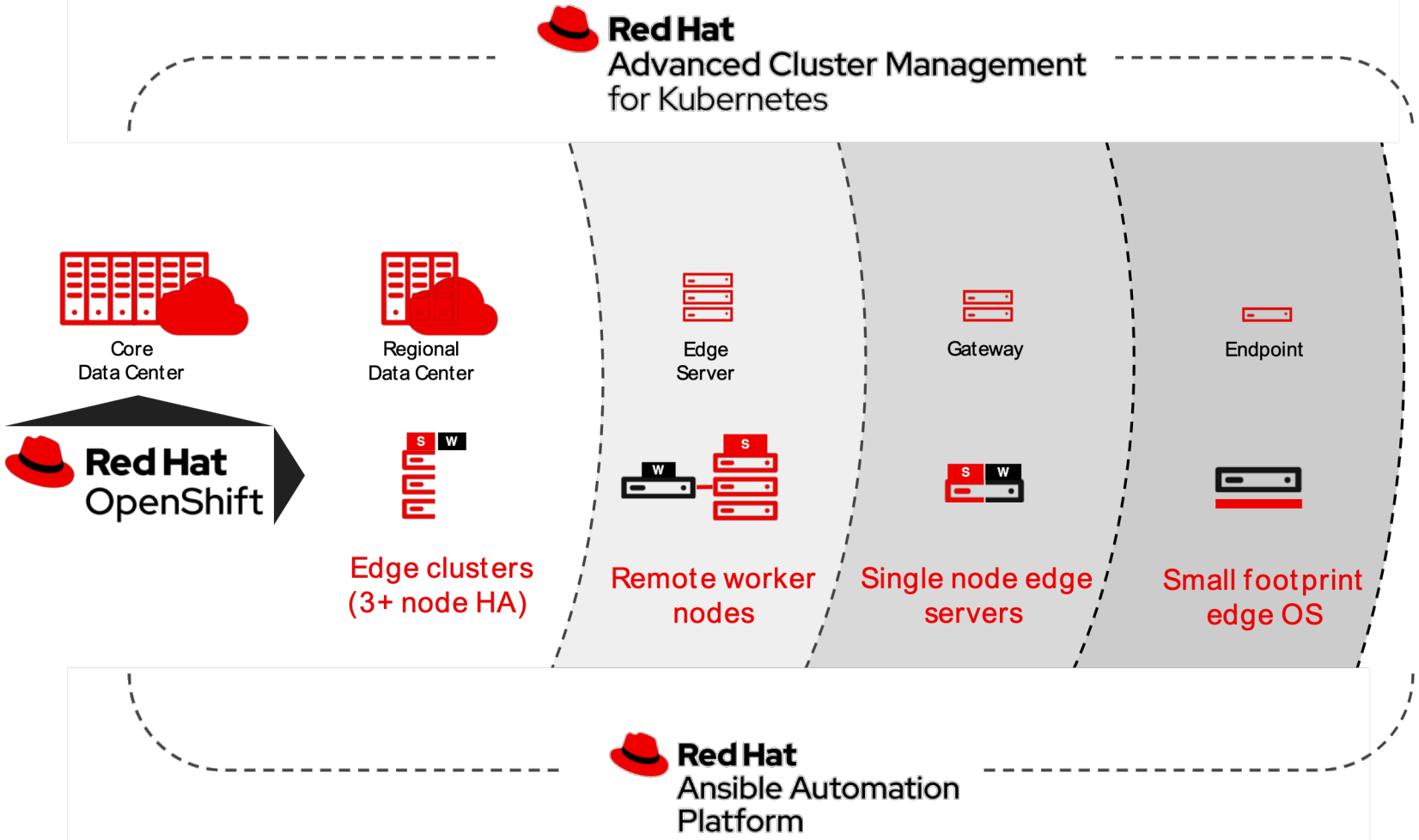
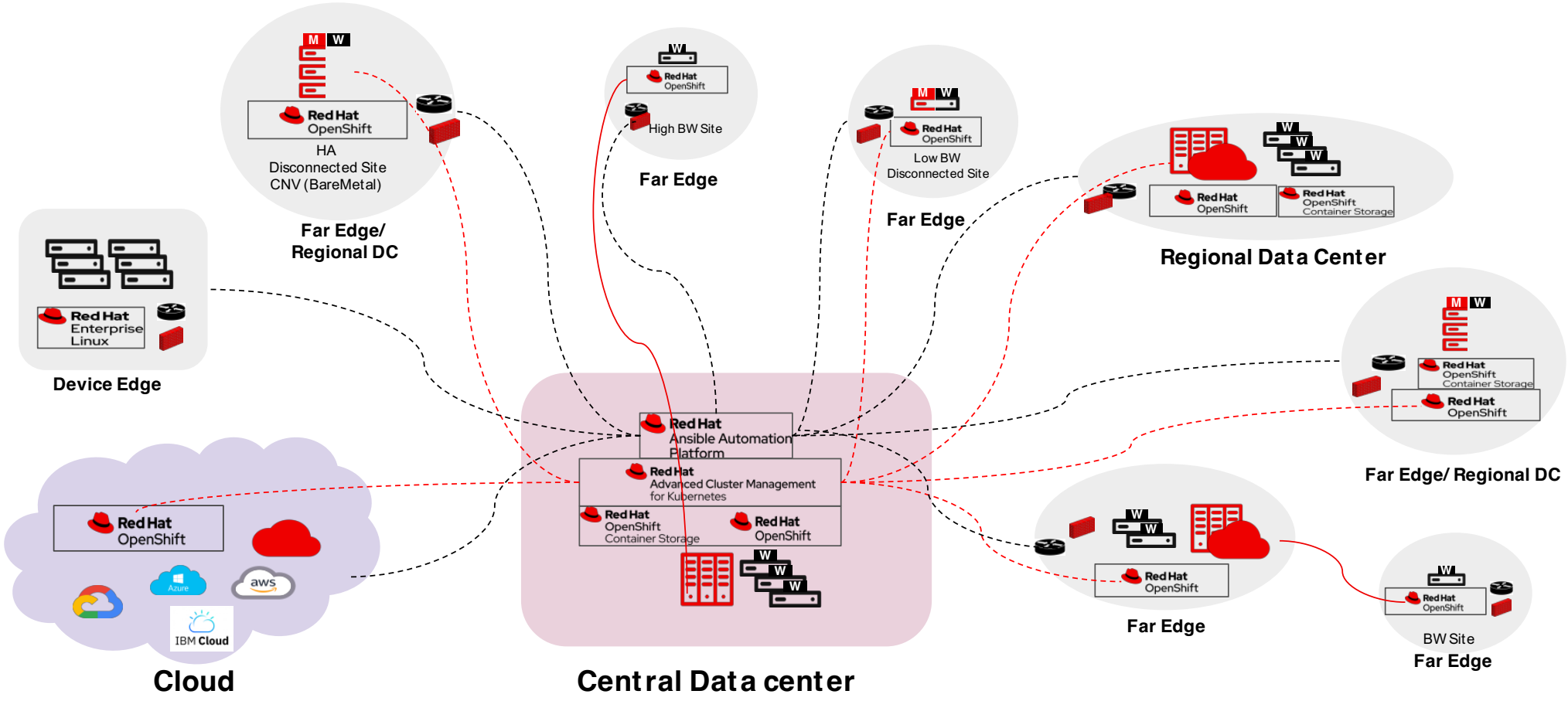
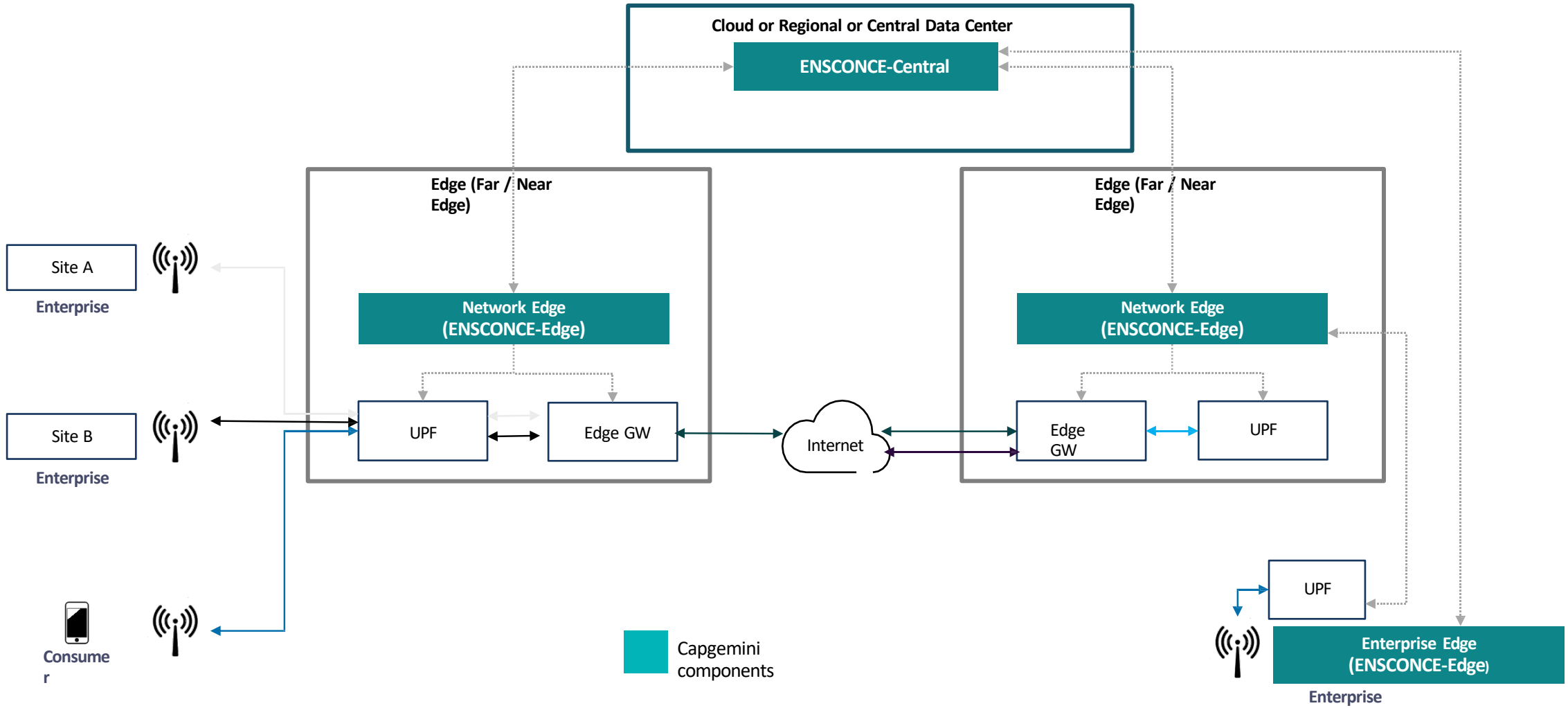
Edge computing with Red Hat: an HYBRID CLOUD use case



Red Hat a deployment for Hybrid Multi cloud and Edge

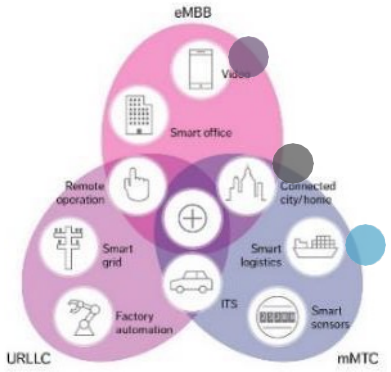


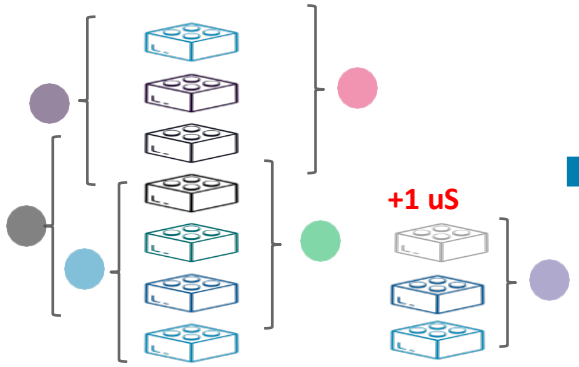
EDGE COMPUTE SOLUTION: REFERENCE ARCHITECTURE

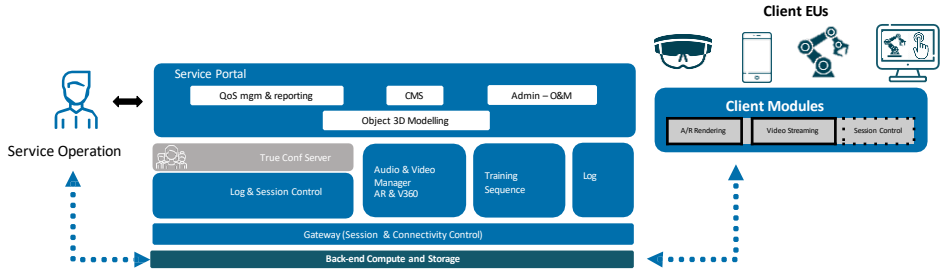


3. 5G Uses Cases: Capgemini Approach

CAPGEMINI ENGINEERING & 5G: SERVICE PLATFORM ENABLER





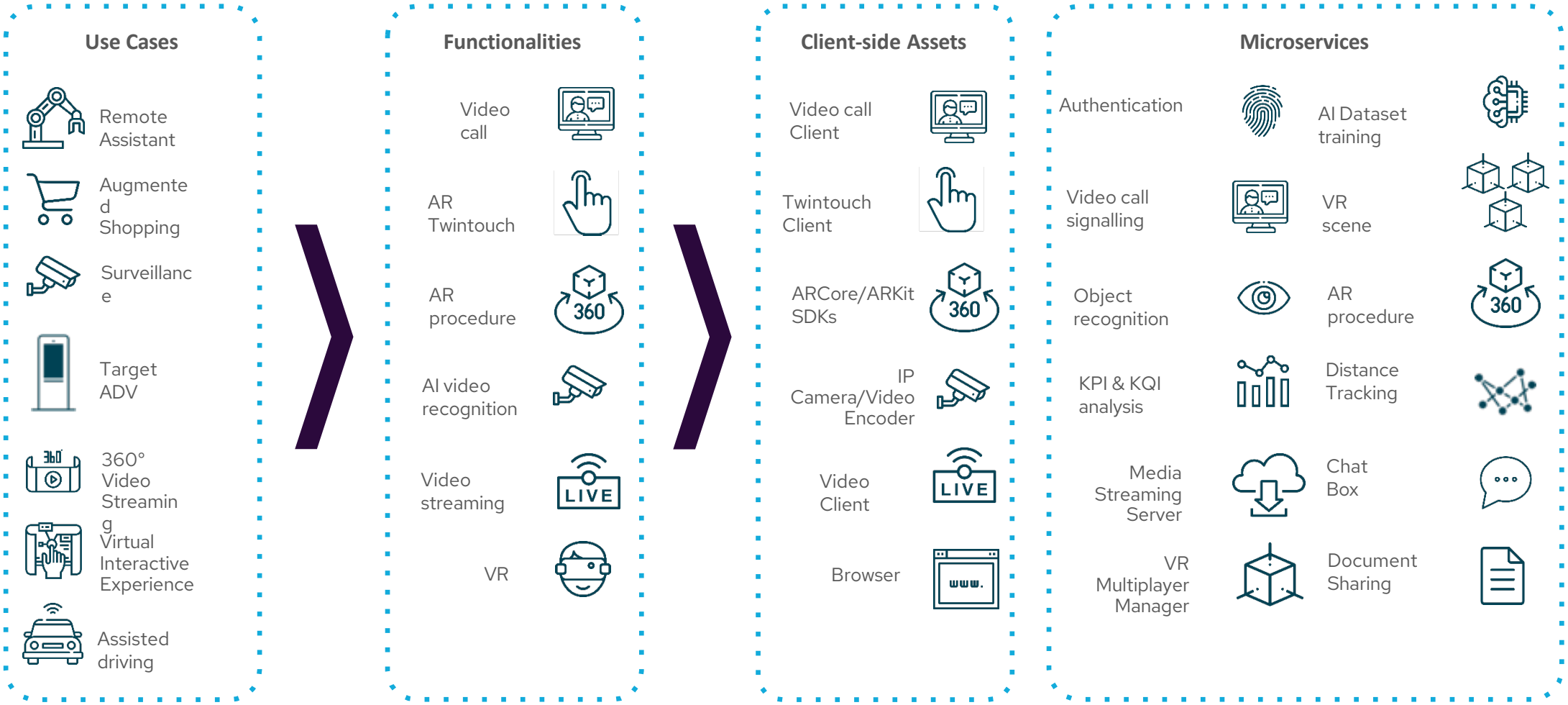


1 **UCs have different requirements**

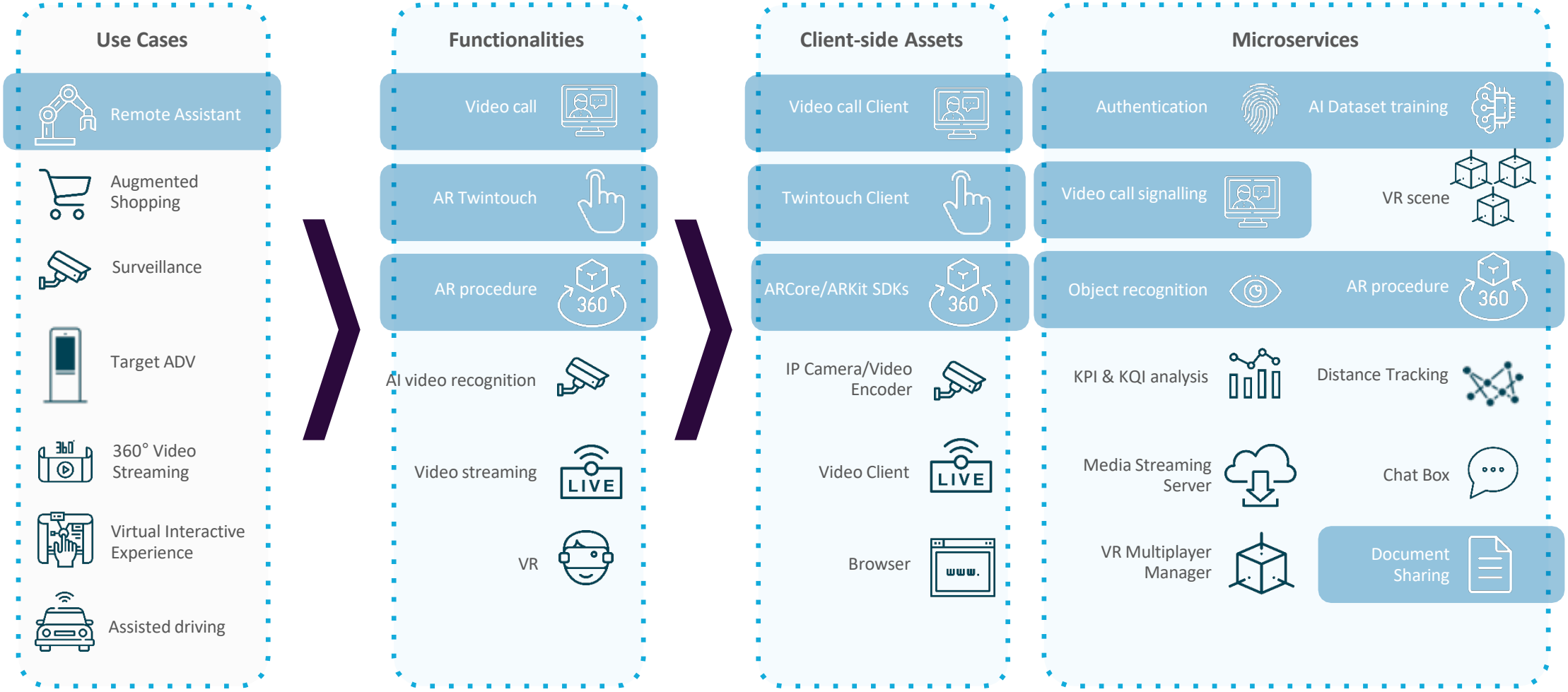
2 **Design by Services**

3 **Integrated in a structured SW framework**

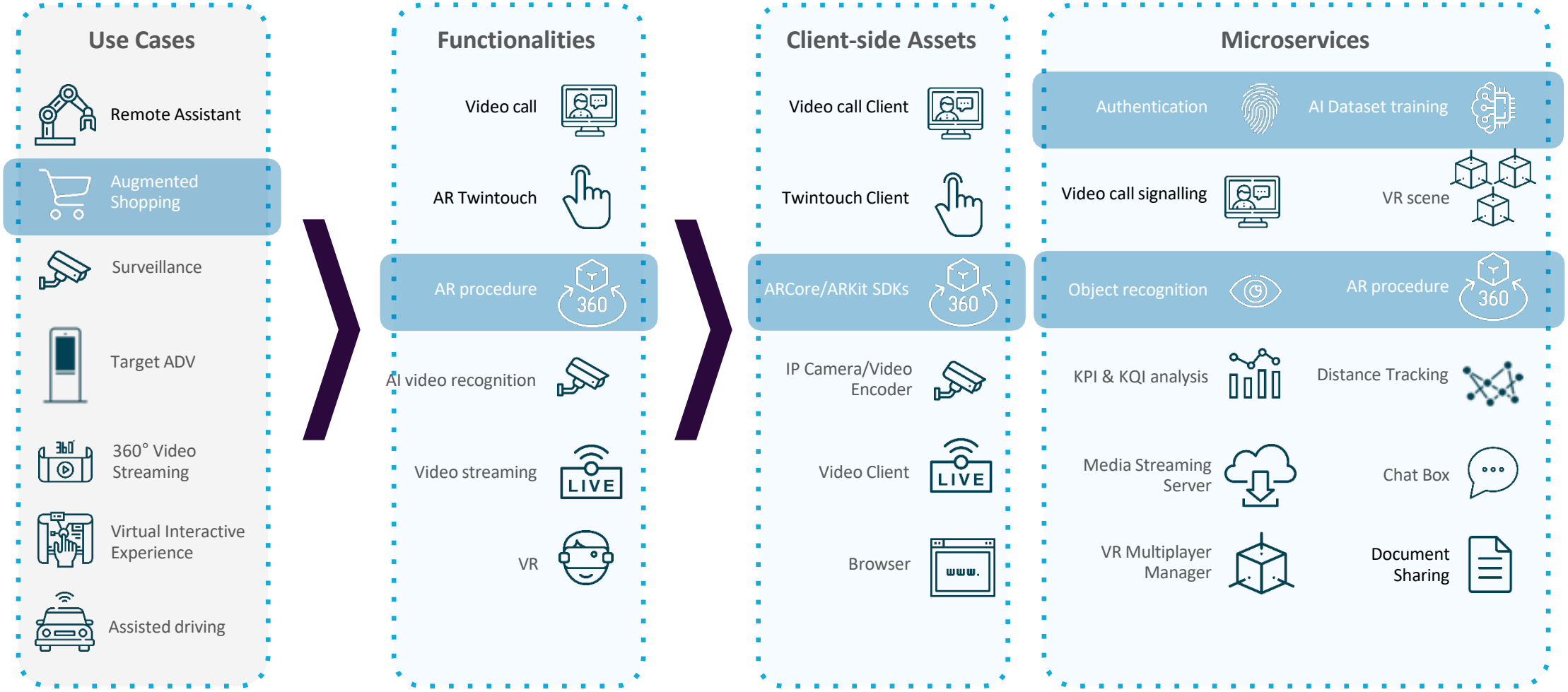
CAPGEMINI ENGINEERING & 5G: SERVICE PLATFORM ENABLER: SW ASSETS



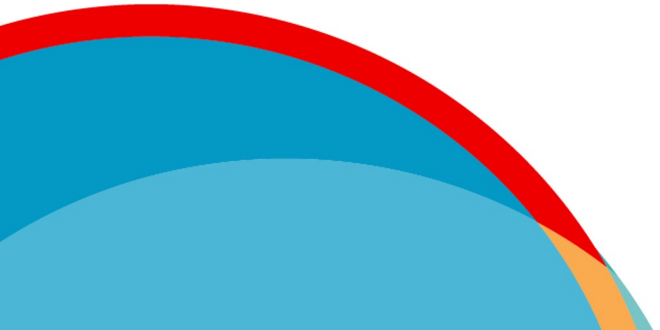
CAPGEMINI ENGINEERING & 5G: SERVICE PLATFORM ENABLER: REMOTE ASSISTANT



CAPGEMINI ENGINEERING & 5G: SERVICE PLATFORM ENABLER: AR IN SUPERMARKET



4. Case studies



CONNECTED AMBULANCE

Advanced Networks
Digital & Software Engineering

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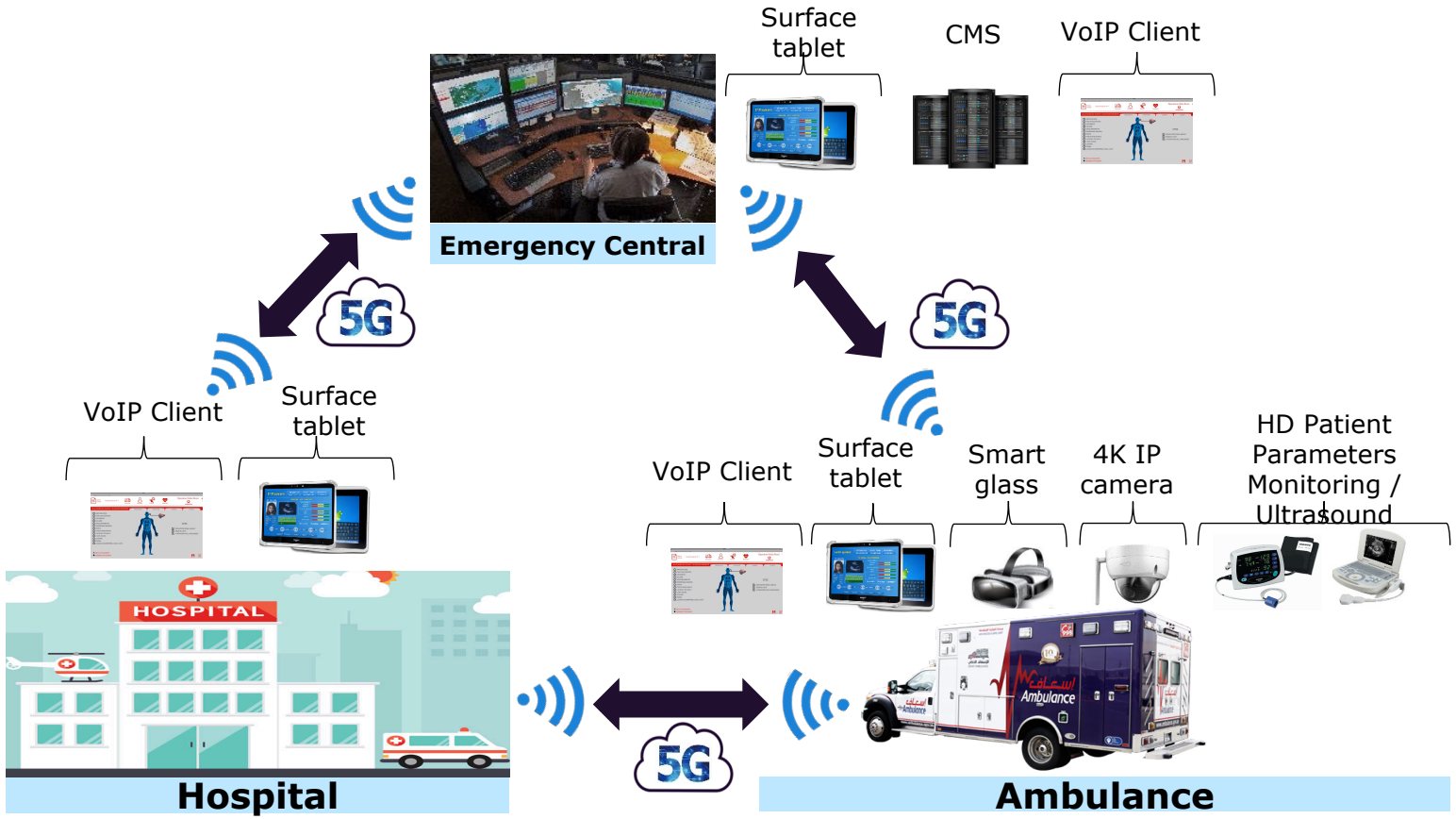
CONNECTED AMBULANCE – HIGH LEVEL VIEW



5G POWERED SEARCH AND RESCUE

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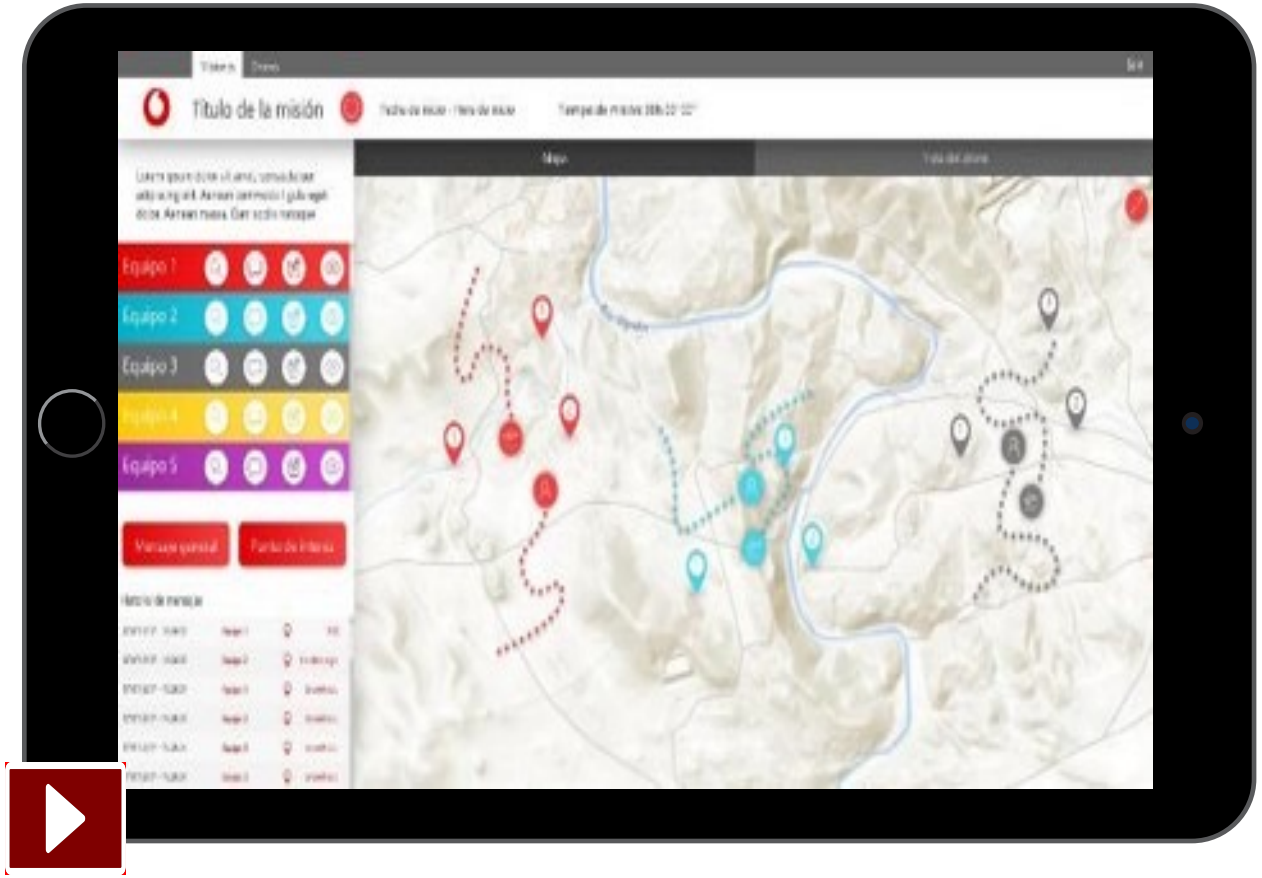
DELIVERED E2E SERVICES



PREDICTIVE PERFORMANCE

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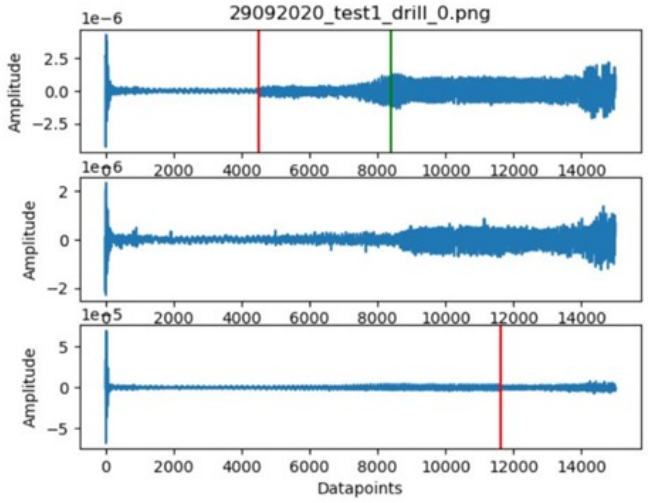
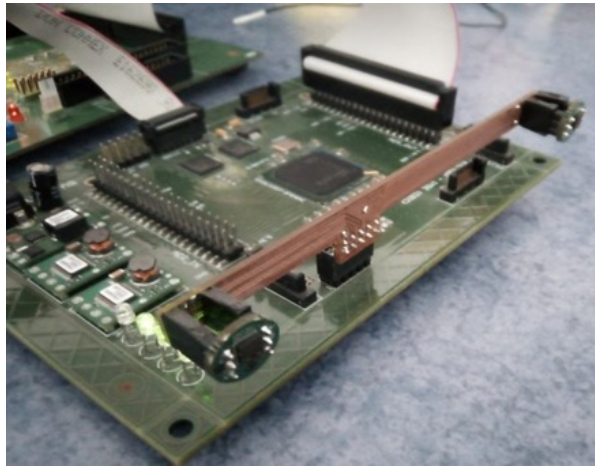
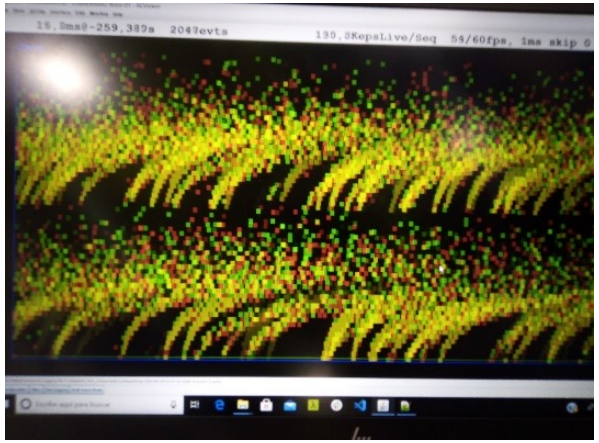
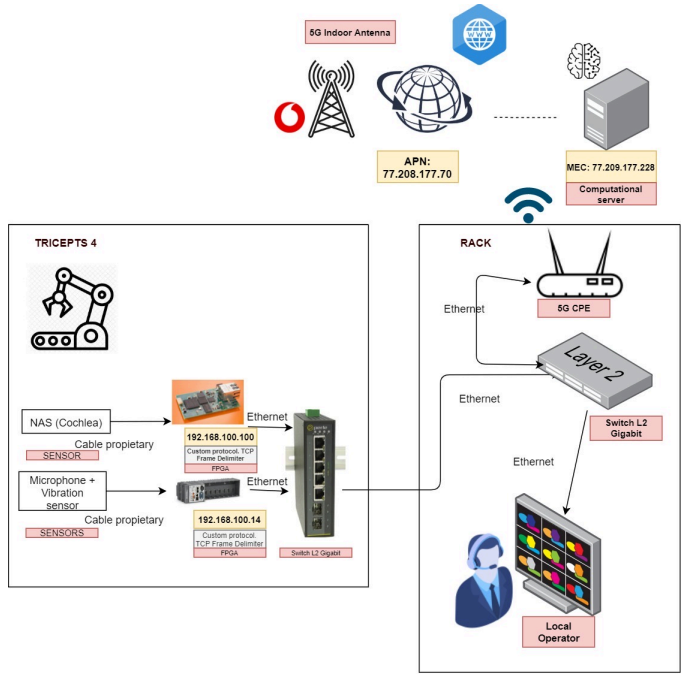
DELIVERED E2E SERVICES

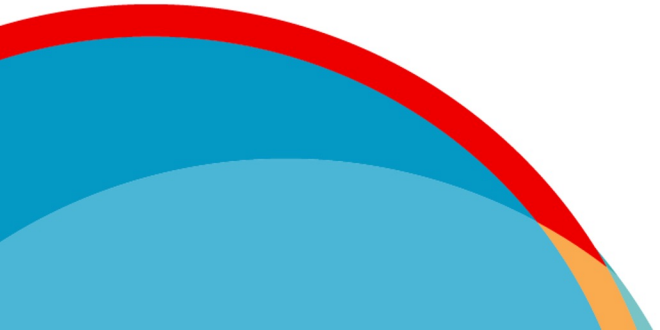








5.Final takes



OUR VALUE PROPOSITION

- Unique business model and federated MEC
- Developer Centric EDGE APP Development
- Leverage expertise across 11 industry & verticals & strong community presence
- Network differentiation for 5G

Supported in Red Hat Capabilities

- Scalability
- Common Open Platform
- Security at every layer
- Management and automation at scale

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