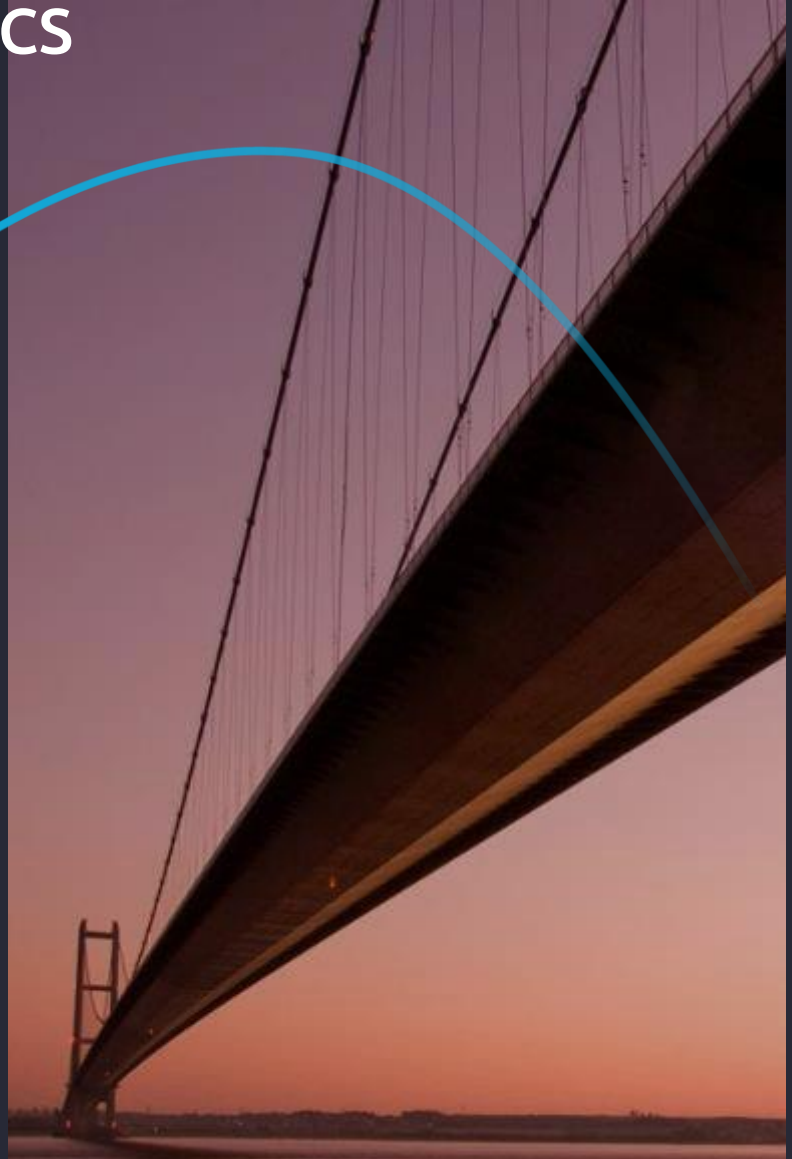Capgemini

CAPGEMINI COMPUTER VISION & VIDEO ANALYTICS

INCREASING DEMAND for ASSET MANAGEMENT EFFICIENCY TO LOWER COSTS

Lack of real security in hazardous sites

Thanks to several 5G CCTV Cameras available, this Use Case aims to take the corresponding Video Feed and perform:
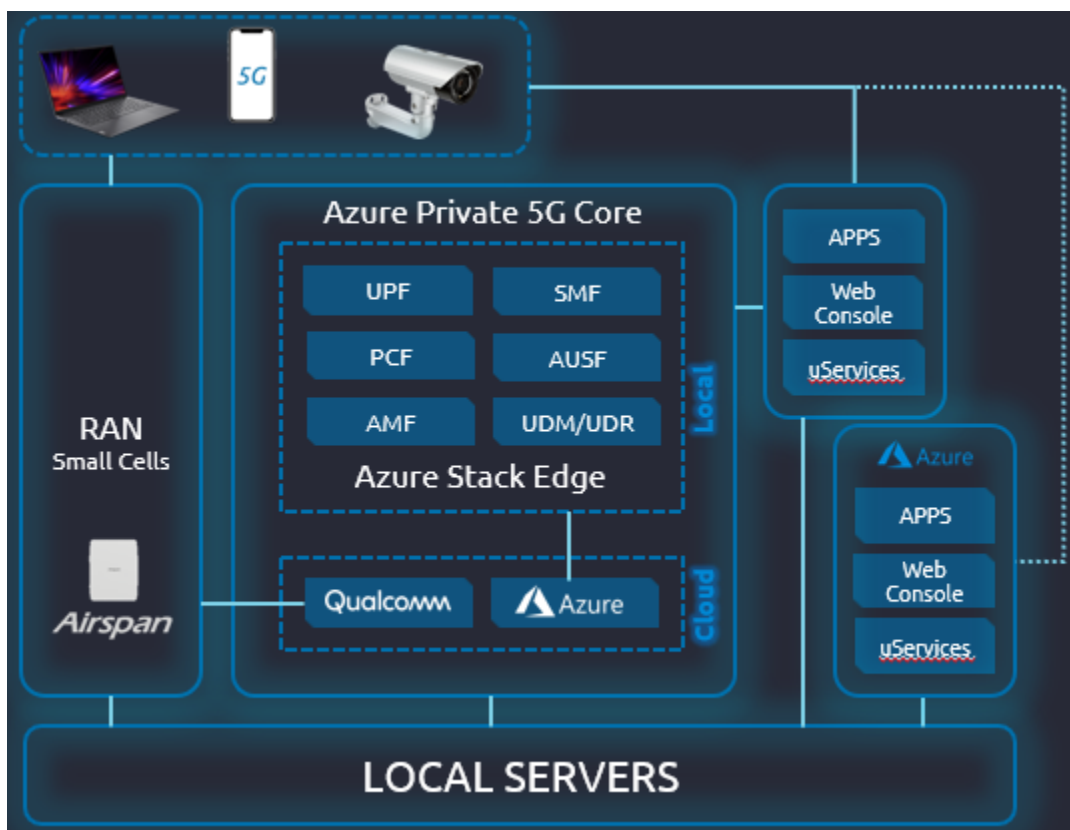
- Object Recognition (with a predefine and expandable set of objects)
- Crowd Mobility analysis and management
- Face Recognition

Information available through a Web App (therefore compatible to several devices/platforms)

Computer vision & video analytics solution

Capgemini's 5G Cloud Edge Private Network architecture is built on Azure private MEC and capable to interact with CV/AI engines. Deploying the Azure Stack Edge MEC platform at the enterprise site enables local hosting of applications while protecting critical information (Profile privacy guaranteed by MEC segregation policies).

Real-time Detection/Recognition requires low latency (URLLC). High-quality Video Streaming requires high bandwidth availability (eMBB).

About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of over 325,000 team members more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2021 global revenues of €18 billion.

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