



Dynamic coverage Extension and Distributed Intelligence for human Centric Applications with assured security, privacy, and Trust: from 5G to 6G

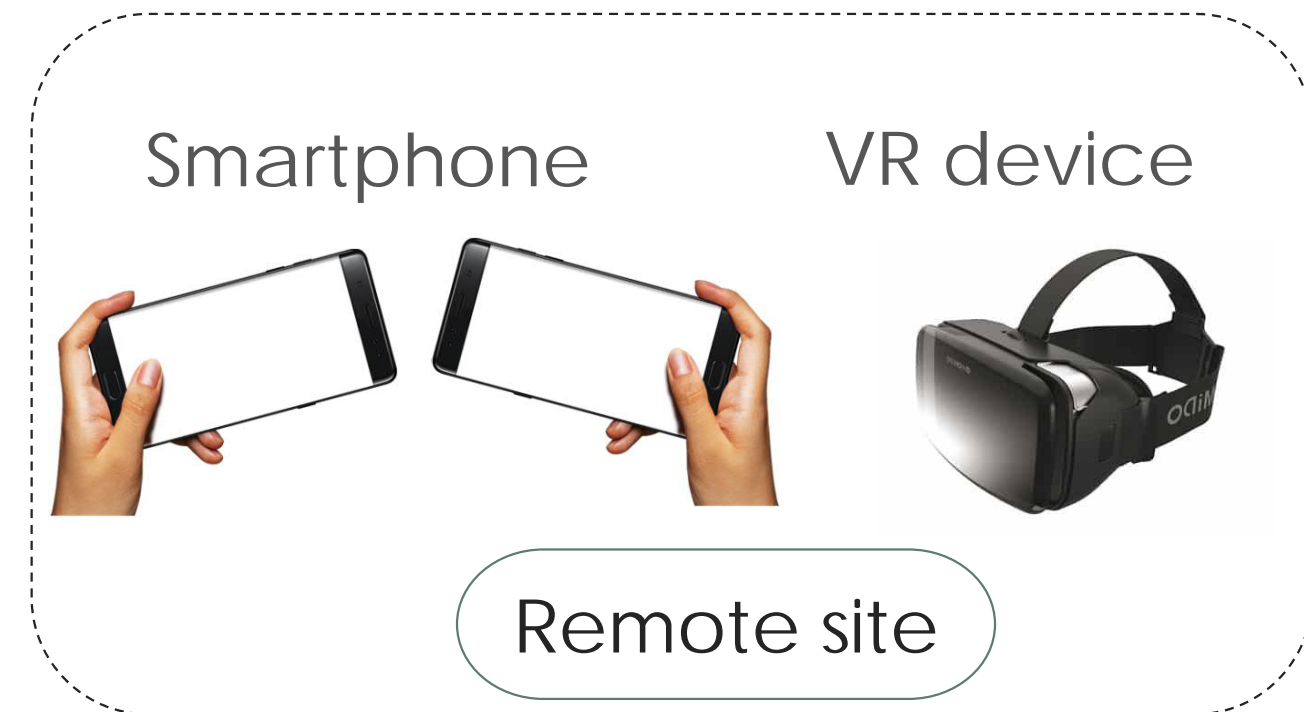
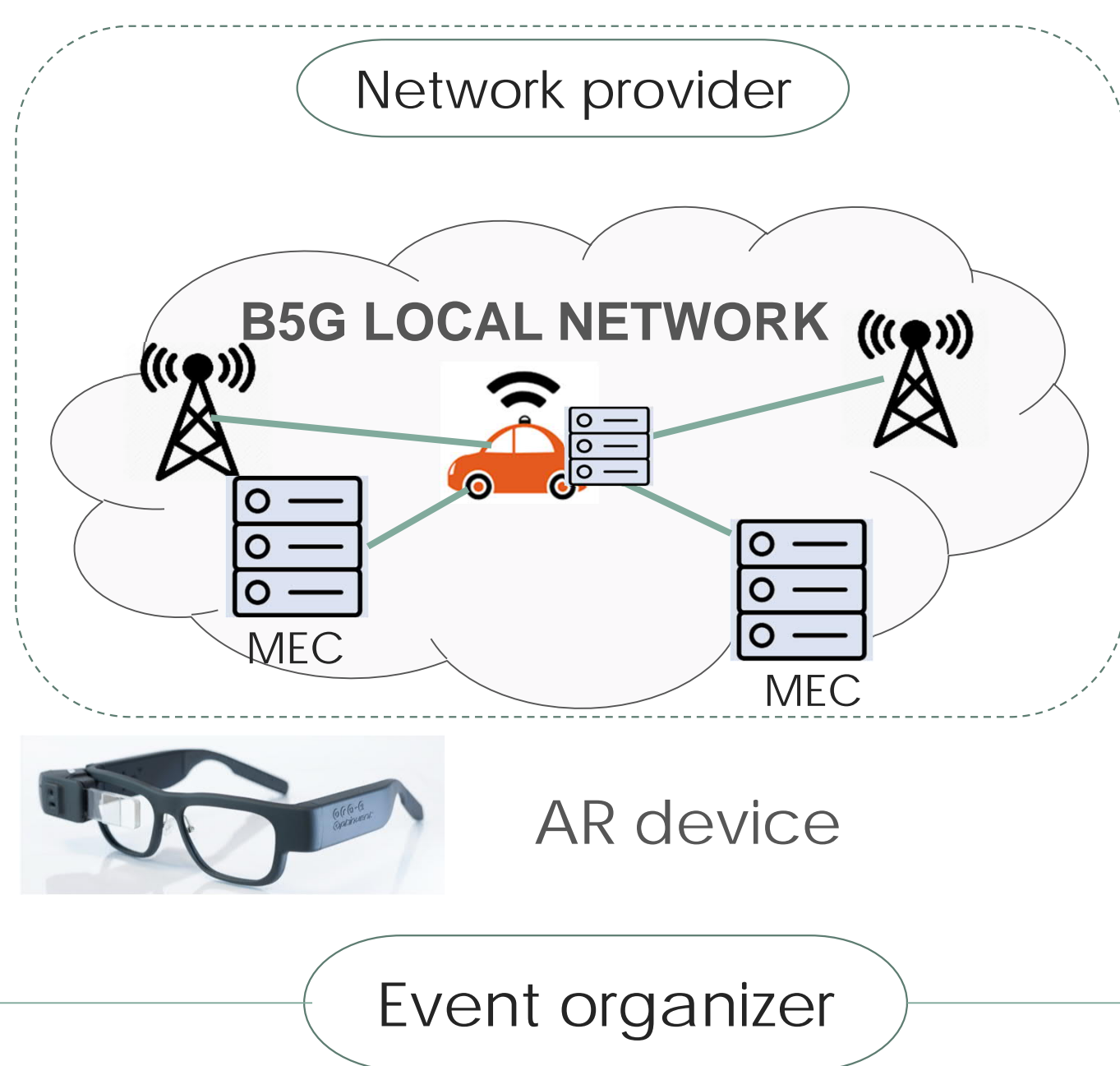
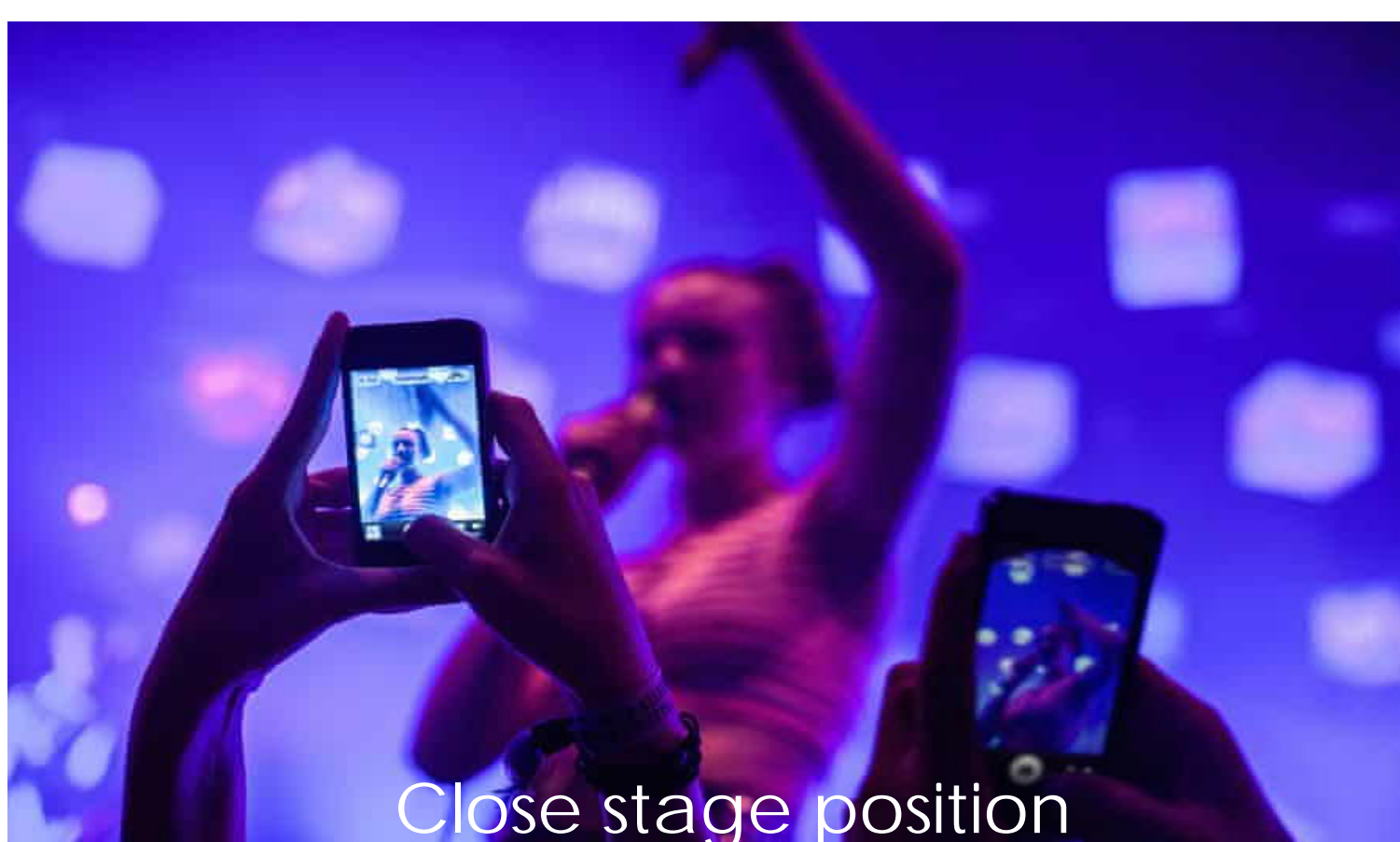
Enhanced Experience for live event streaming

Enhance video streaming in live events with key innovations

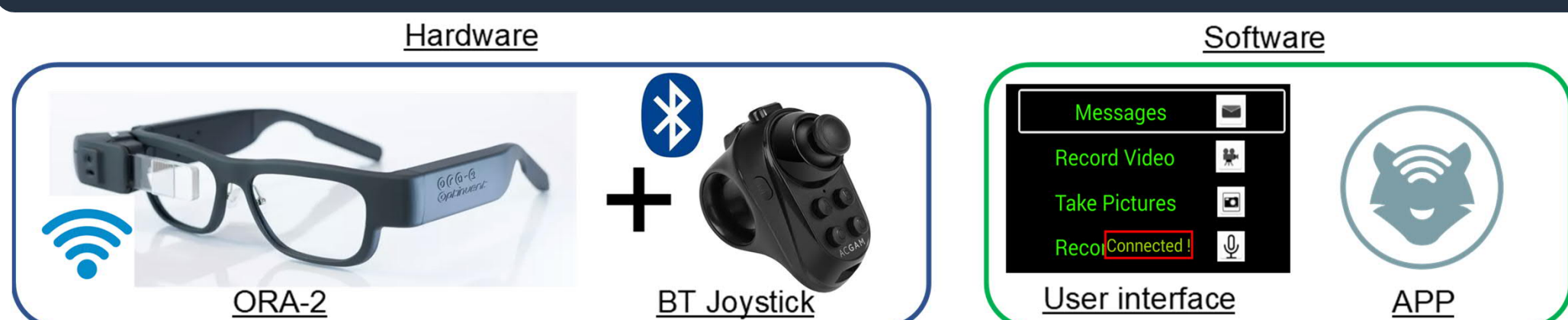
- ✓ Smart user devices and applications in public events from enhanced viewpoints
- ✓ Network AI/ML algorithms and resource allocation for improved video service availability and energy efficiency
- ✓ Dynamic video adaptation and edge placement for computation offloading
- ✓ Enhanced user experience

KPI'S:

Throughput (per user), end-to-end latency, service availability and reliability



Technical approach



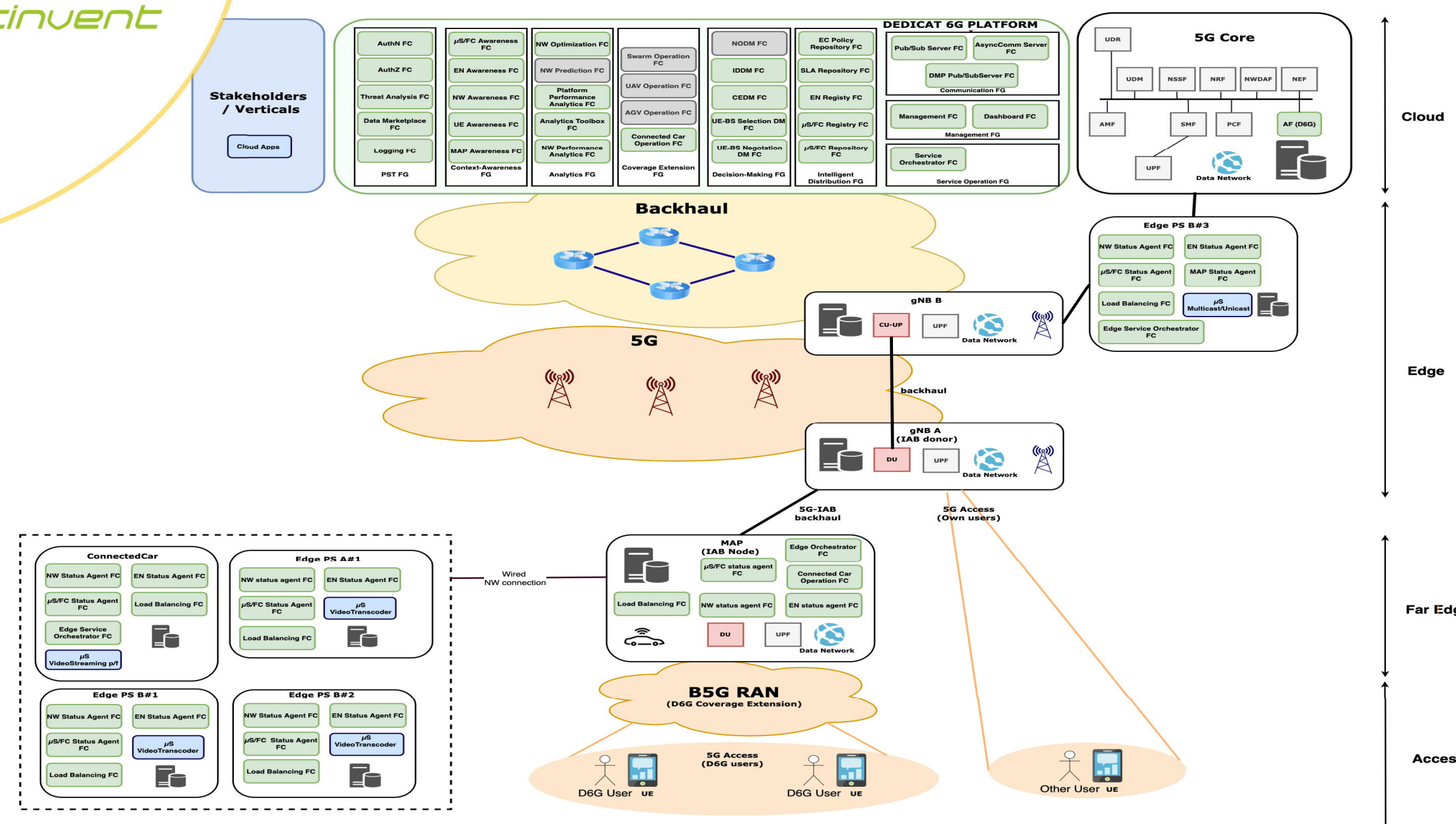
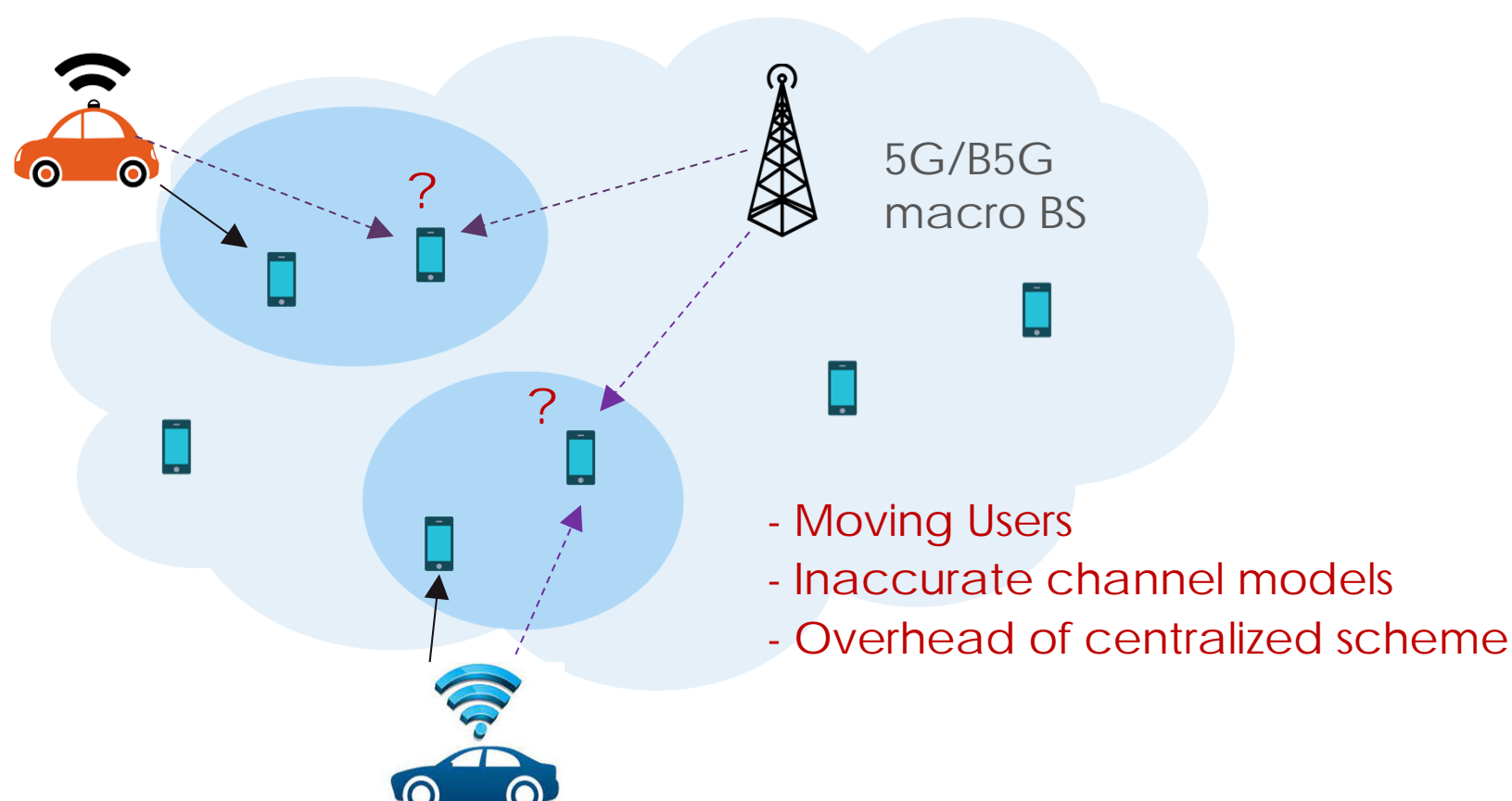
Smart Glasses deployment



Some of the visualized network parameters by Grafana

- The Enhanced Experience pilot will take place in Oulu, Finland
- VTT 5G Test Network(5GTN) infrastructure will be used for the live experiments

Machine Learning based distributed user association



DEDICAT 6G architecture deployment view for Enhanced Experience

