

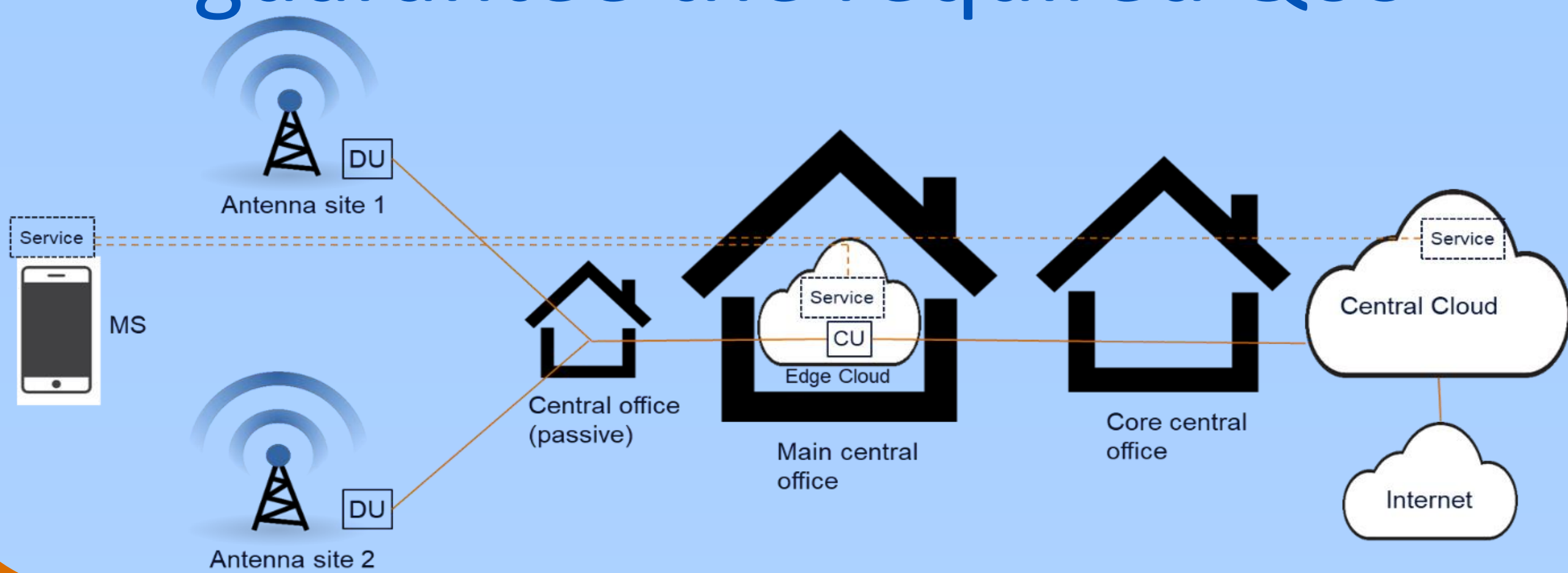
5G-MONARCH

5g-monarch.eu

Resilience & Security

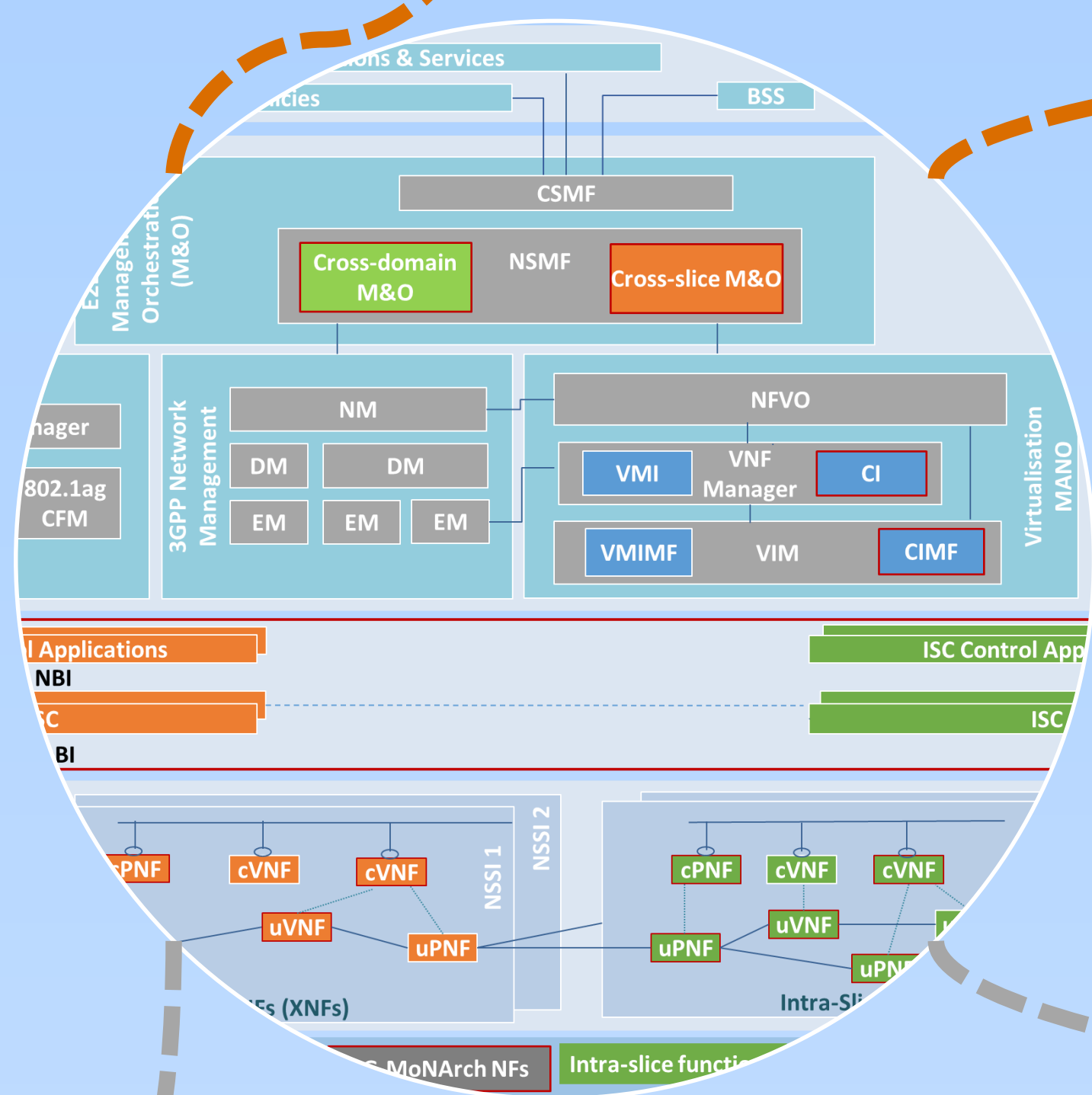
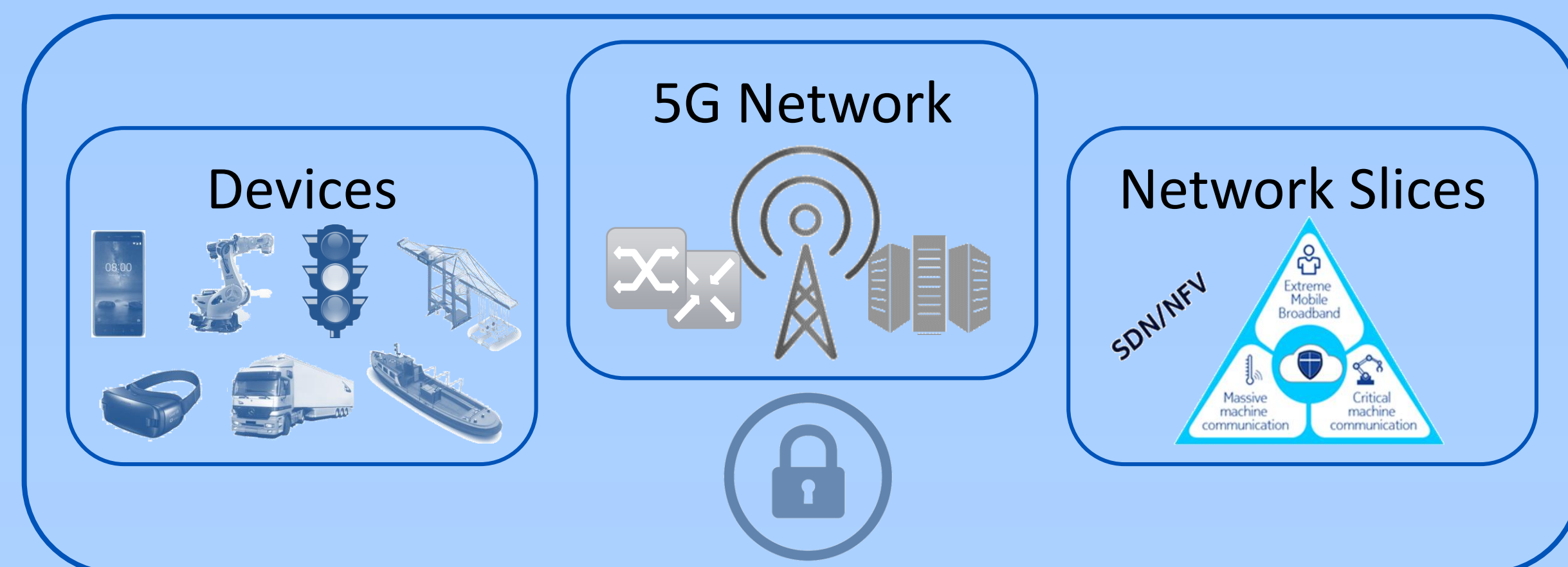
E2E Availability

Minimise network interruptions and guarantee the required QoS



E2E Security

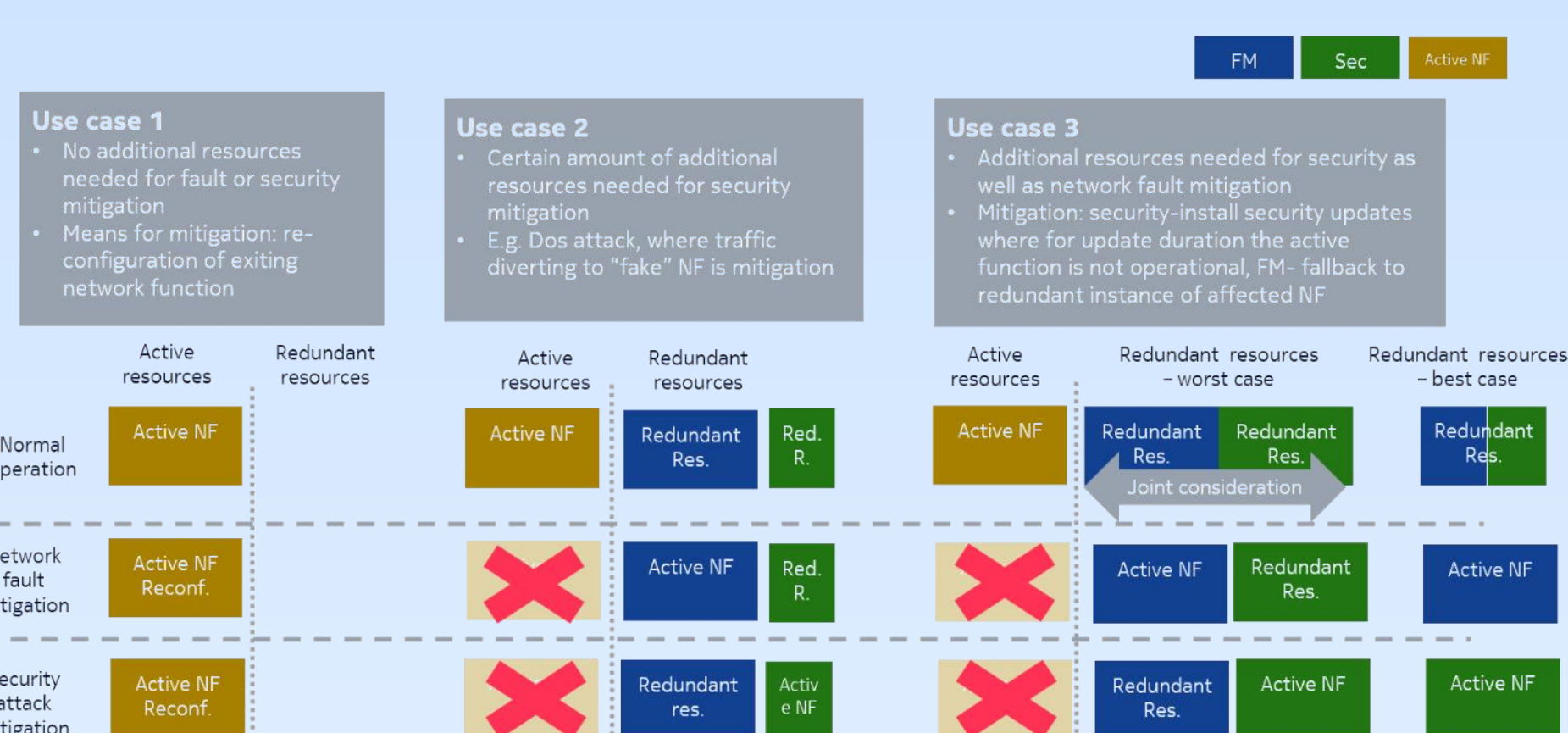
Detect and mitigate security threats



Functional Innovations for the 5G Mobile Network Architecture

Telco cloud resilience

Resource redundancy, Fault & Security management

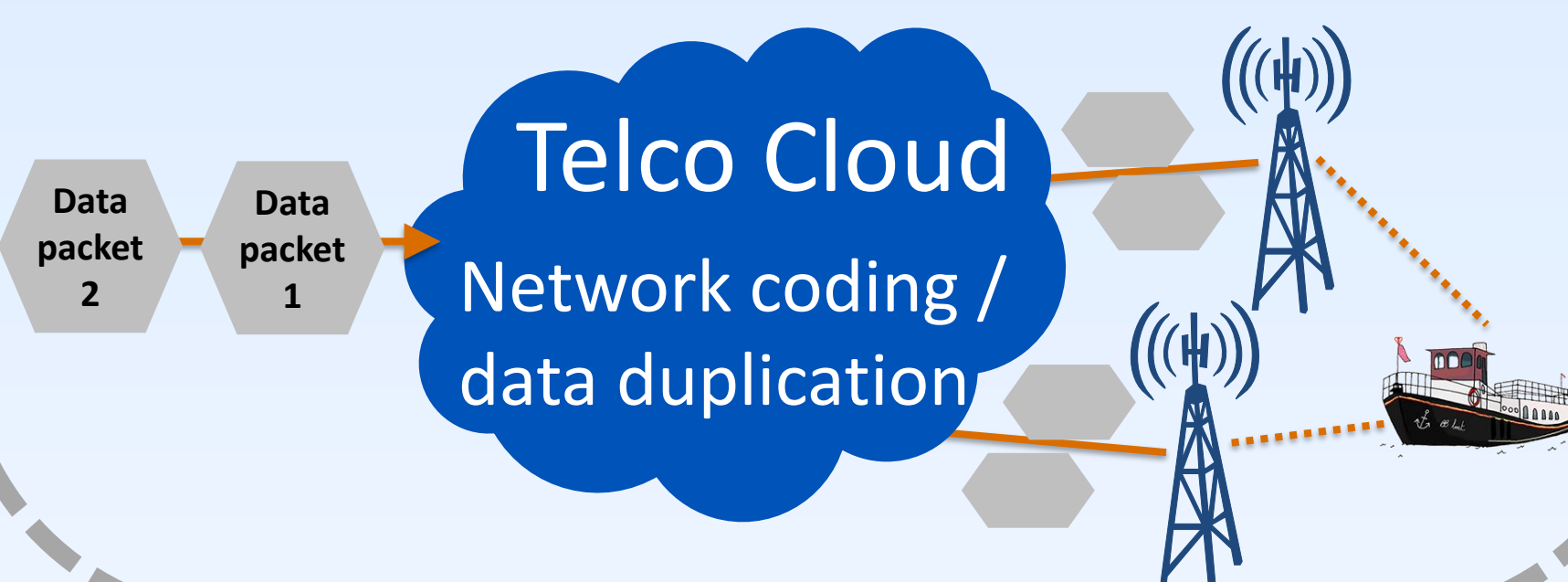
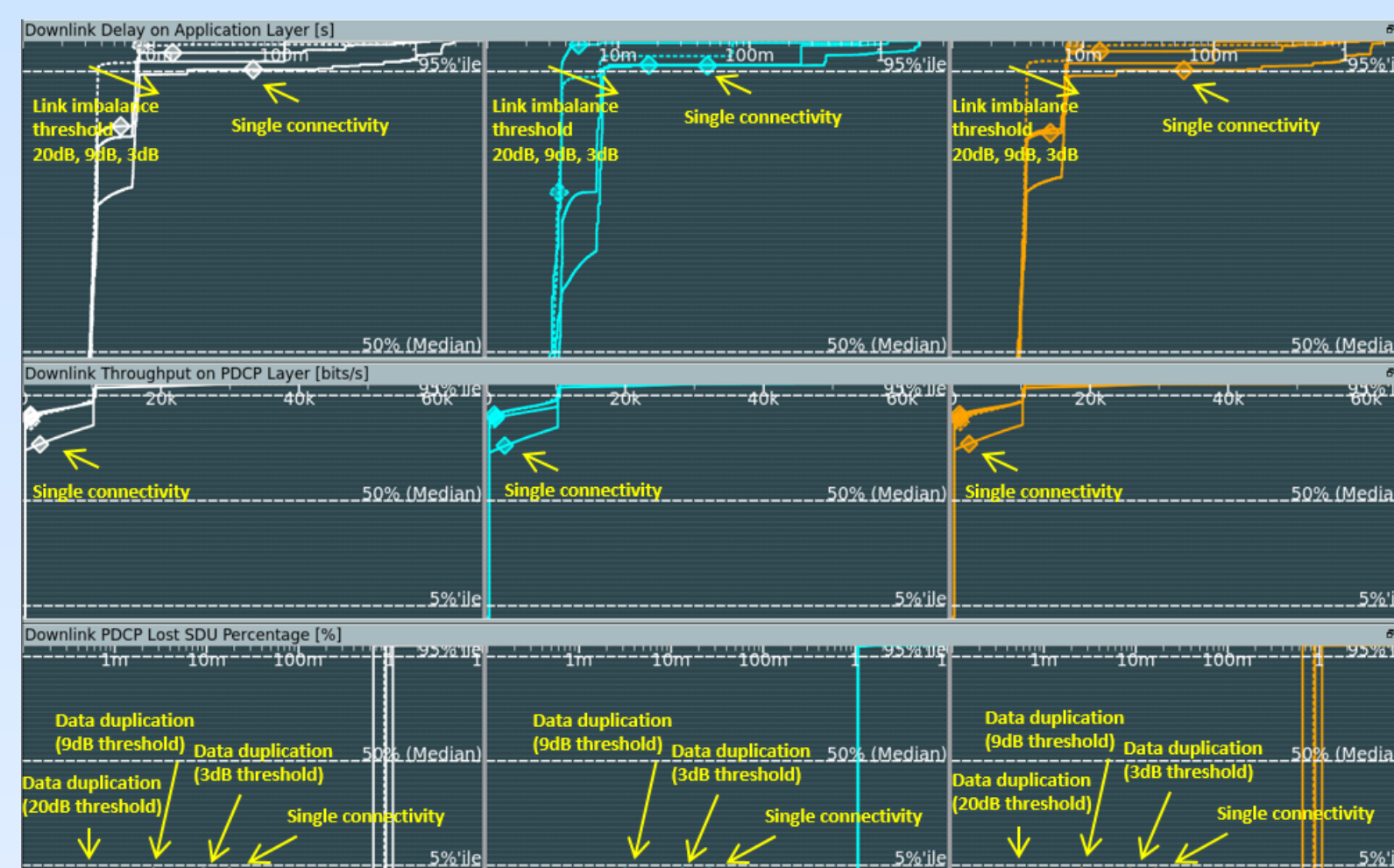


5G Islands: autonomous failsafe operation

Scalable controller framework

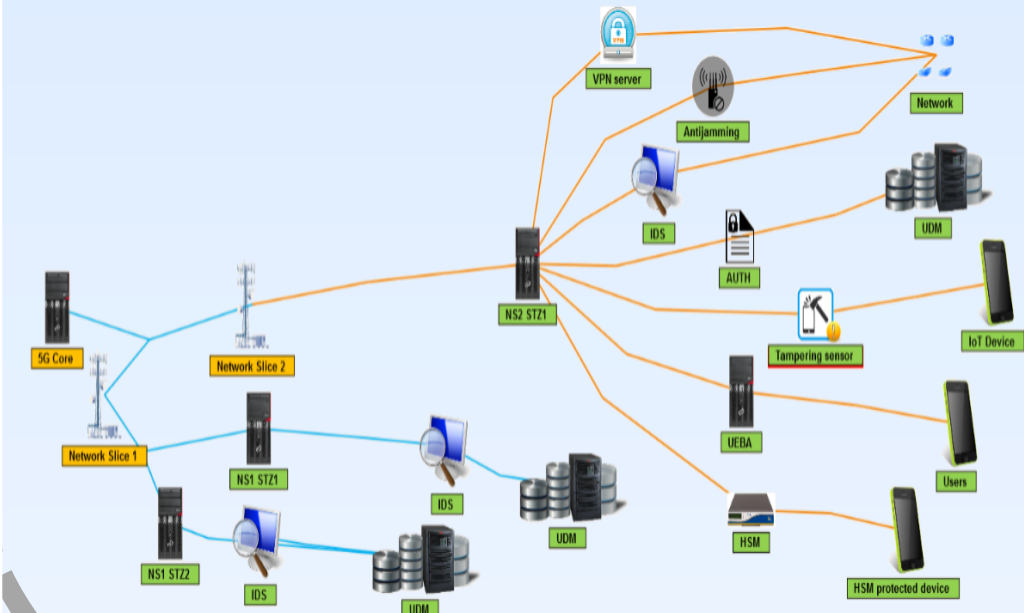
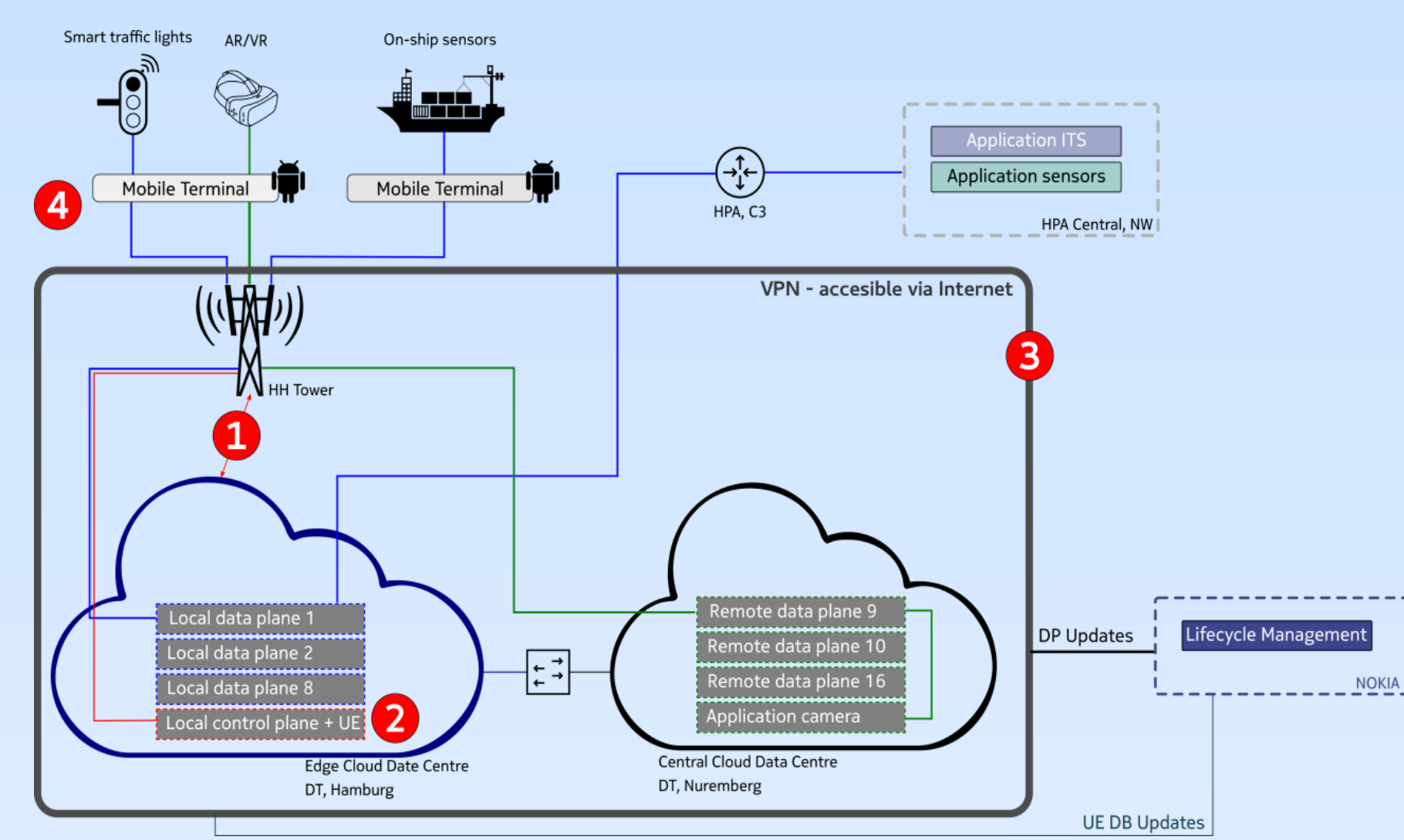
RAN techniques for higher reliability

Data duplication, network coding, multi-connectivity



Security analysis of Smart Sea Port testbed

Security trust zones



Threat detection, asset protection