Turning 5G mobile network architecture concepts into practice

Enabling Innovations

- Inter-slice control and management
- Cloud-enabled protocol stack
- Experiment-driven optimisation

Use cases & requirements

- Industrial Applications

Baseline

Common Mobile Network Architecture

5G-MoNArch

Resource-elastic network functions

Resilient & secure network functions

Resource Elastic Network Slices

- eMBB
- URLLC

Touristic City testbed

Verification and Validation

- MTC
- URLLC
- eMBB

Cloud-embodied protocol stack

Common architecture building blocks

Use cases & requirements

- Entertainment & Media

Inter-slice control and management

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