

Network-side Agentic AI and operational 5G/6G systems for FEM

INTERNET INSTITUT d.o.o.

dr. Janez Sterle | janez.sterle@iinstitute.eu

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INTERNET INSTITUTE | We Live 5G/6G



cMON Regulator Approved!
Reference: <https://akostest.net/en/>

qMON
www.qmon.eu

Crowdsourced Internet Service Quality Monitoring | Mobile, wireless, fixed and cloud system

5G/6G Test Automation and Quality Assurance for mobile, fixed and cloud systems

macOS Windows Google Play App Store

rMON

Supporting remote IoT | M2M processes for the industry 4.0 and critical infrastructures

Internet INSTITUTE

Certified drone operator

Products, consulting, training, and professional services

5G PPP
The 5G Infrastructure Public Private Partnership

EGence
projectexigence.eu

nephele
nephele-project.eu

Int5Gent
int5gent.eu

5GLOGGINNOV
5g-loginnov.eu

5GASP
5gasp.eu

6G SNS IA

6Green
6green.eu

5G IANA
5g-iana.eu

evolved 5G
evolved-5g.eu

5G INDUCE
5g-induce.eu

MATILDA
matilda-5g.eu

Established international partnerships

MOBILEONE 5G

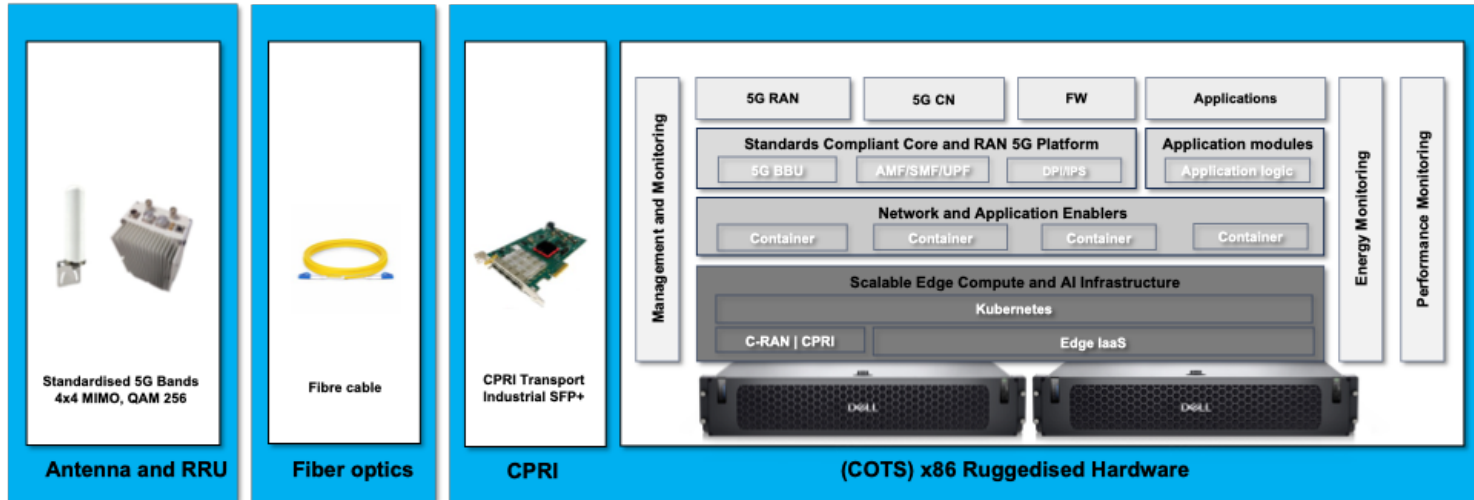
Cloud-native compact 5G system for industrial and portable deployments

Demonstration platforms and development environments



MOBILEONE | Cloud-native (B)5G | Modularity

Network Automation | Network Digital Twin | Performance & Energy Aware



6G SNS IA

6G CATS

έξiGence

6Green

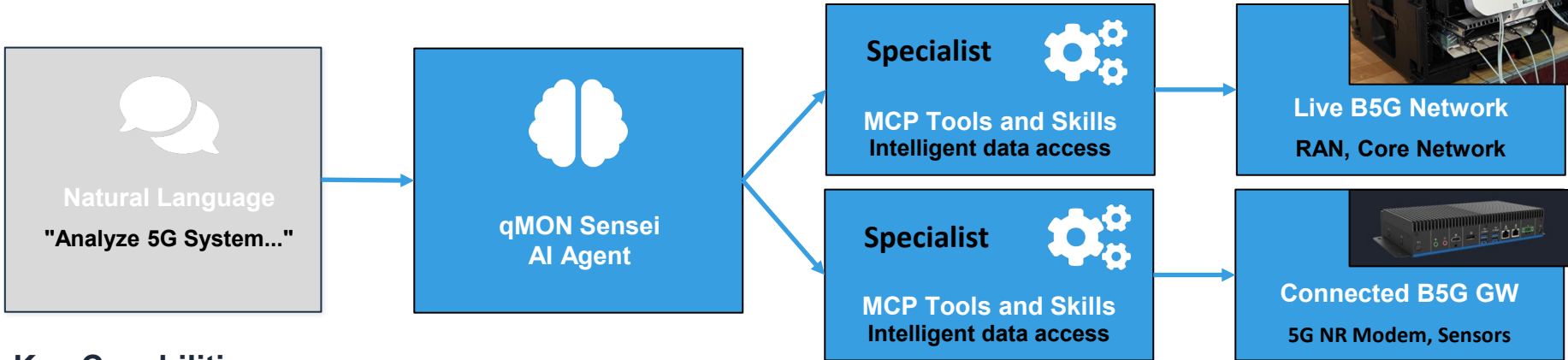
Portable Edge & NFVI | x86 based (COTS HW)
Disaggregated RAN (5G SA) | RRU, CPRI, BBU
vBBU & Compact 5G CN

Cloud native | CNFs
Kubernetes support | Manifests, Helm Charts
MANO/OSM support | VNFD, NSD

qMONSENSEI | Agentic AI Framework for 5G/6G

LLM-driven orchestration with Model Context Protocol (MCP) for structured infrastructure access

MOBILEONE



Key Capabilities

End-to-End Visibility

Network-side & UE-side perspectives simultaneously

Cross-Layer Correlation

Automatic root cause analysis across all layers

Intent-Driven Actions

Natural language commands to drive system operational changes

Network Intelligence | Autonomy Level 4 | Target => Level 5 | 3GPP TS 28.100 | TMF | ETSI

What we bring | Expertise

- We are interested in connecting with new partners and joining consortia as a technology provider and R&I partner
- What we offer FEM partners:
 - Network-side Agentic AI layer integrating with FEM control
 - Vertical use-case requirements input | critical infrastructure, ports, tactical 5G
 - Operational system-level validation environment for the FR3 FEM OTA phase
- Expertise | AI-based System Intelligence | E2E Testing & Quality Automation Toolset | 5G/6G Energy consumption monitoring and optimisation | IoT systems targeting industrial & critical infrastructure



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www.iinstitute.eu

info@iinstitute.eu

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