

CORE ACTIVITIES

NETAPP MANAGEMENT PLATFORM

The development and integration of a full-stack NetApp Management Platform including state-of-the-art control and data plane solutions based on intelligent OSS layer, scalable microservices-based cloud orchestration platform, and advance user interfaces for the porting of NetApps and the monitoring of their attributes.

INDUSTRY 4.0 NETAPPS

The development and deployment of advanced Industry 4.0 NetApps, showcasing the support of a variety of innovative Industry 4.0 market verticals through the demonstration of advanced use cases that meet demanding Industry 4.0 and 5G KPIs (e.g. ultra-low latency, fast service deployment, high service reliability, while accommodating industrial-grade scalability demands).

5G EXPERIMENTATION INFRASTRUCTURES

The deployment of industry driven 5G Experimentation Infrastructures based on heterogeneous real-world industrial fields, (covering key large-scale sectors, such as automotive, energy, and home appliances), combined with public 5G network infrastructures.

BUSINESSES AND EXPLOITATION POTENTIALS

The identification of the enabling Businesses and exploitation potentials towards all the impacted market stakeholders (i.e.

1. industrial players,
2. network operators, and
3. a large pool of NetApp developing SMEs/start-ups), through a beneficial business model for all, while maintaining discrete and distinct roles for each of these stakeholders.

OVERVIEW

5G-INDUCE targets the development of an open, ETSI NFV compatible, 5G orchestration platform for the deployment of advanced 5G NetApps. The platform's unique features provide the capability to the NetApp developers to define and modify the application requirements, while the underlay intelligent OSS can expose the network capabilities to the end users on the application level without revealing any infrastructure related information. This process enables an application-oriented network management and optimization approach that is in line with the operator's role as manager of its own facilities, while it offers the development framework environment to any developer and service provider through which tailored made applications can be designed and deployed, for the benefit of vertical industries and without any indirect dependency through a cloud provider.

CONTACT US

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