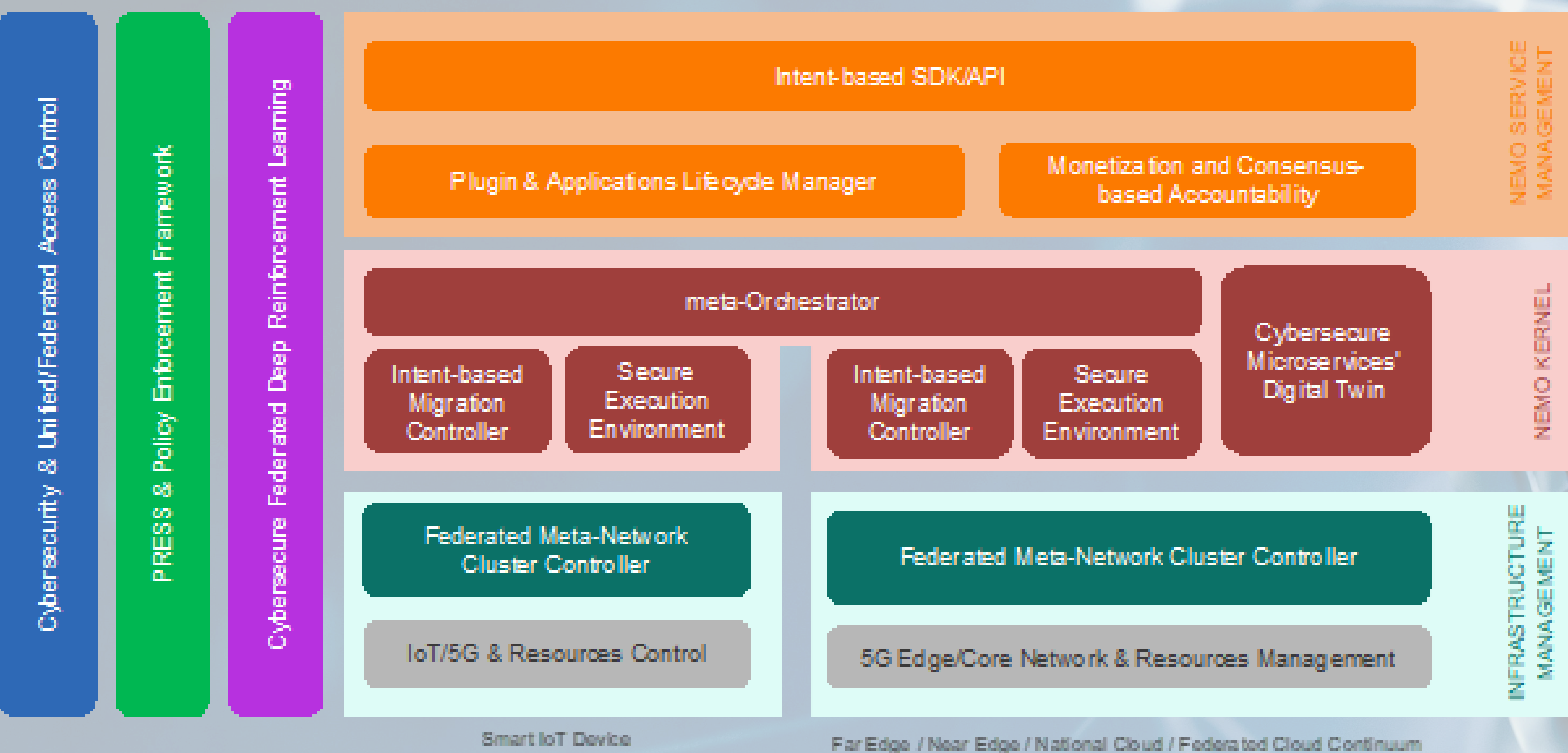


# NEMO

## NEXT-GENERATION META-OPERATING SYSTEM

NEMO has introduced itself as a gamechanger of the AIoT-edge-cloud continuum by introducing an open source, modular and cybersecure meta-operating system, leveraging on existing technologies and introducing novel concepts, methods, tools, testing and engagement campaigns.



### NEMO main results are:

- ✓ An Intent-based API/SDK providing additional configuration parameters according to 3GPP TS 28.312 V18.3.0 standard.
- ✓ A Meta-Orchestrator responsible for optimal scheduling and migration
- ✓ A Meta Network Cluster Controller serving as the bridge between NEMO and the physical layer
- ✓ A Monetization and Consensus-based Accountability Services using distributed ledger technology.



The NEMO framework and its outcomes have been validated through several real-world initiatives and use case, such as Smart Farming, Industry 4.0, Smart Energy, XR/AR scenarios, as well as through various application scenarios provided within the scope of two open calls.



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