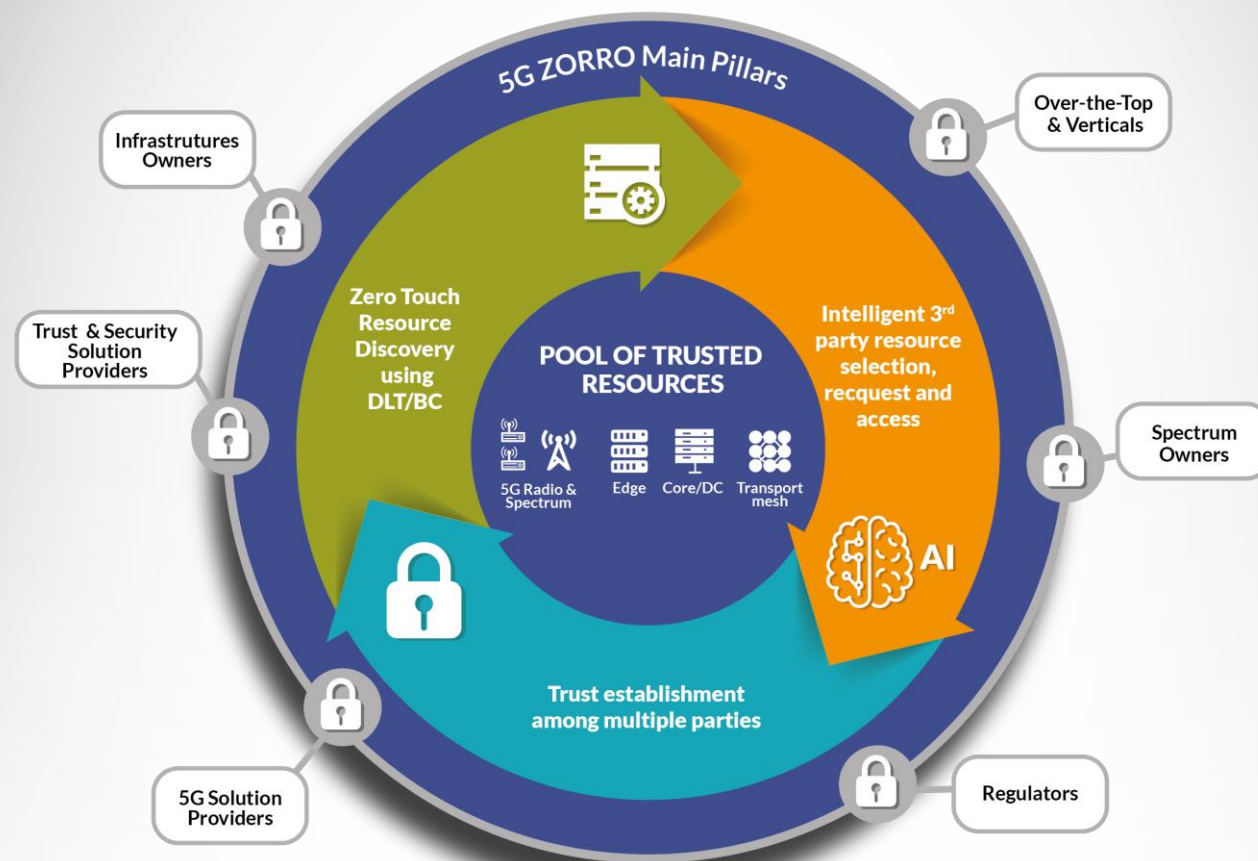


5GZORRO Ecosystem

Stakeholders can easily deploy their services across multi-domain and heterogeneous environments, always with Trust and Security

5GZORRO Concept and Stakeholders



5GZORRO Consortium



5GZORRO project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871533



Path to
INTELLIGENT CONNECTIVITY
for Everyone, Everywhere

ZERO-TOUCH SECURITY AND TRUST FOR UBIQUITOUS
COMPUTING AND CONNECTIVITY IN 5G NETWORKS



5GZORRO Core Technologies



Distributed Ledger Technologies (DLT)/Blockchain for **Smart Contracts**

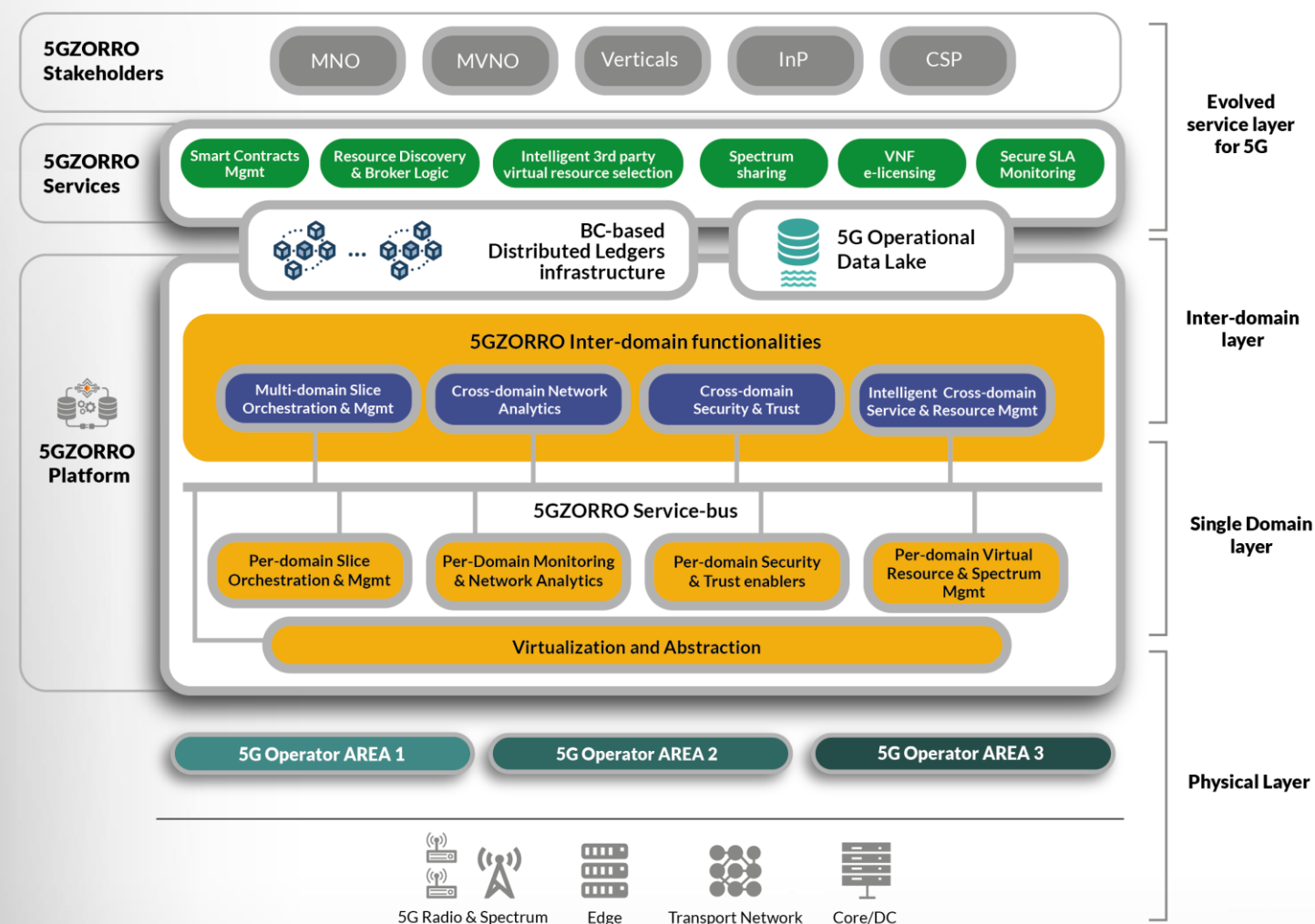


AI/ML and **Data Lakes** for **intelligent network operations** across multiple operators



Trusted Execution Environments (TEEs) for enhanced **Security** and **Trust**

5GZORRO Architecture

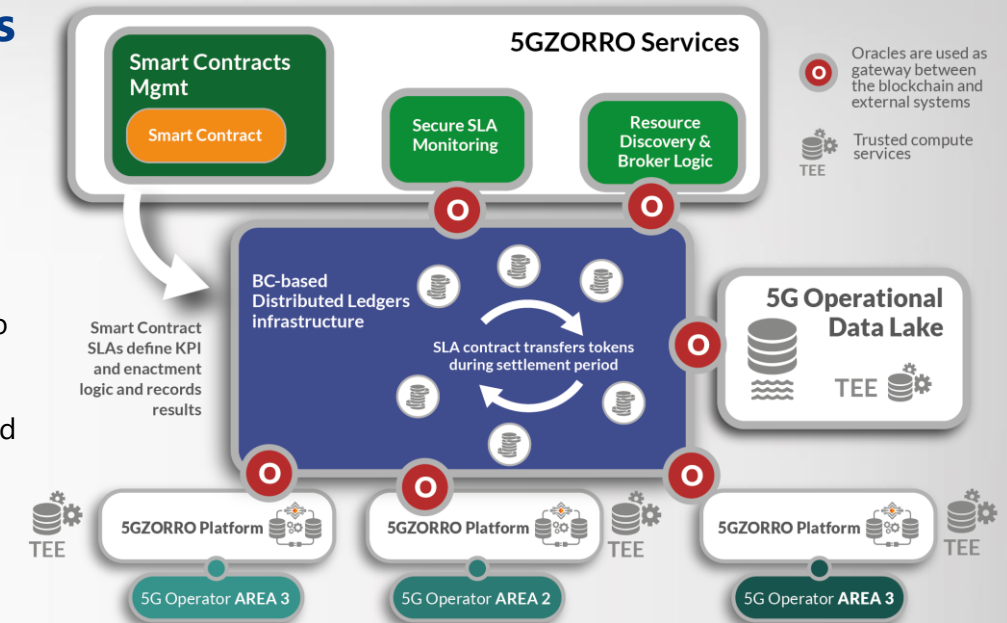


Tested in **5G Barcelona** & **STONIC**

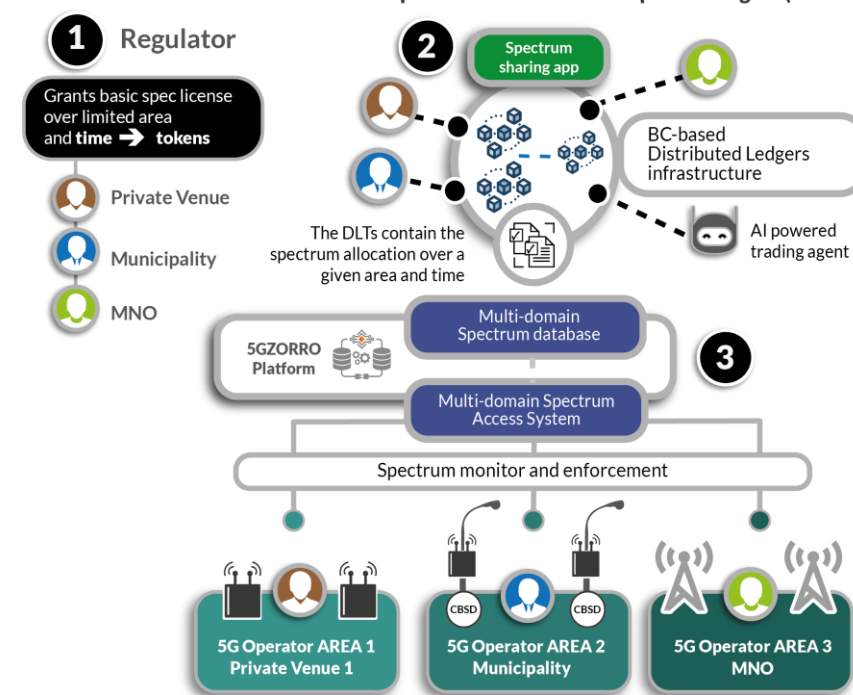
5GZORRO Use Cases

Smart Contracts for Ubiquitous Computing & Connectivity

Network and Computing SLAs to ease automation, with security and trust, of multilateral agreements among telecoms and infrastructure operators



5GZORRO service: Spectrum Market - Trade spectrum rights (tokens)



Dynamic Spectrum Allocation

DLT-based Spectrum Market for real-time spectrum allocation among diverse business agents (public Wi-Fi, LTE, 5G)

Pervasive vCDN Services

Secure, autonomously scalable and pervasive virtualized content distribution networks across multiple operators

