5GTRANSFORMER
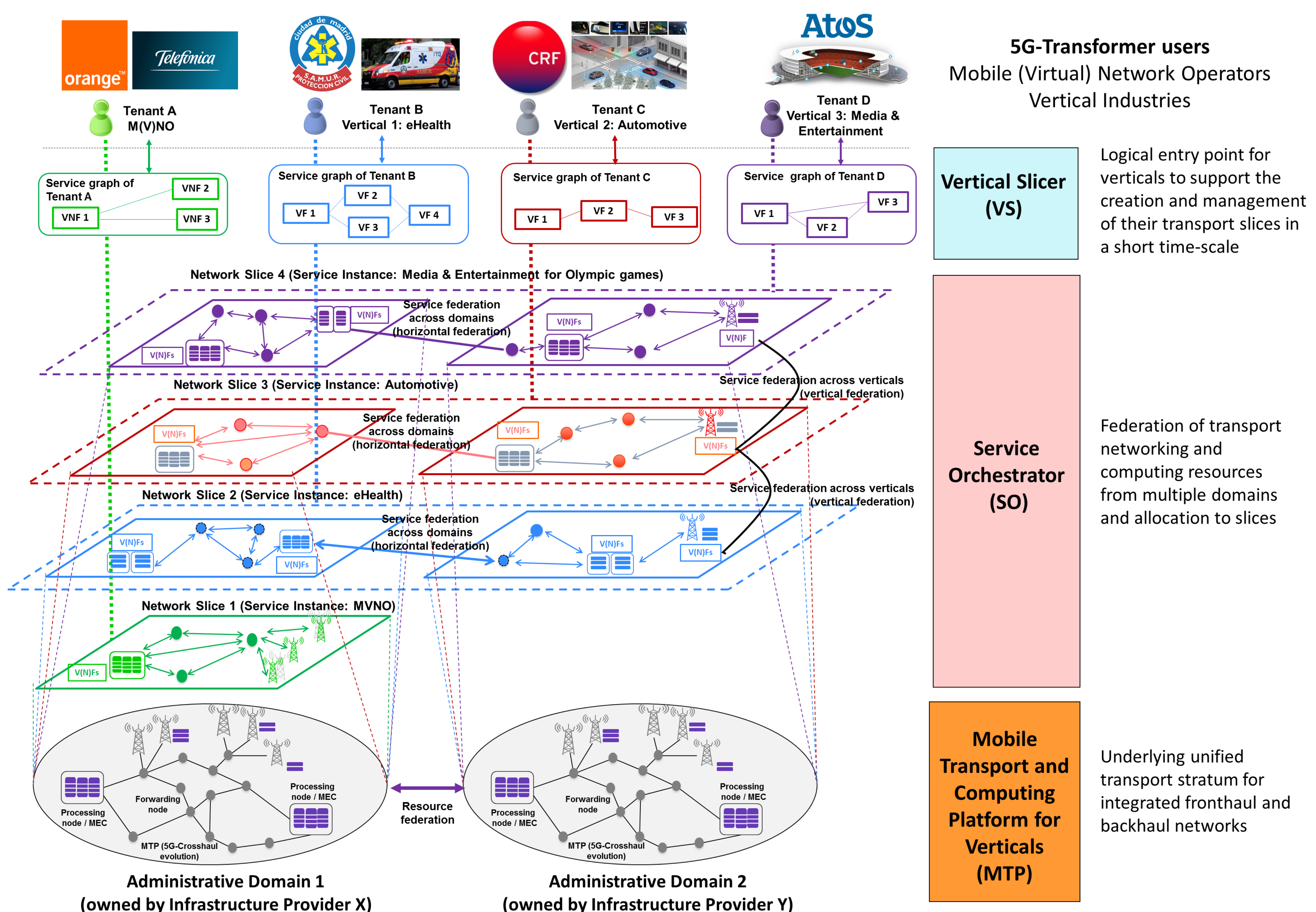## 5G MOBILE TRANSPORT PLATFORM FOR VERTICALS

MOTIVATION
5G-Transformer aims to transform today's mobile transport network into an SDN/NFV-based Mobile Transport and Computing Platform (MTP)

VISION
Mobile Transport Networks shall transform from rigid interconnection into an SDN/NFV-based 5G Mobile Transport and Computing Platform (MTP) supporting diverse vertical industries

TECHNICAL APPROACH

- Enable **Vertical Industries** to meet their service requirements within customized MTP slices; and

- **Aggregate and Federate transport networking and computing fabric**, from the edge up to the core and cloud, to create and manage MTP slices throughout a federated virtualized infrastructure

5G-Transformer users
Mobile (Virtual) Network Operators
Vertical Industries

Vertical Slicer (VS) — Logical entry point for verticals to support the creation and management of their transport slices in a short time-scale

Service Orchestrator (SO) — Federation of transport networking and computing resources from multiple domains and allocation to slices

Mobile Transport and Computing Platform for Verticals (MTP) — Underlying unified transport stratum for integrated fronthaul and backhaul networks

ADMINISTRATIVE INFORMATION AND PROJECT STRUCTURE

Starting Date: 01/06/2017 — **End Date:** 30/11/2019
EC contribution: 7.985.582,41 €
Duration: 30 Months — **Effort:** 996 PMs

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