5GT TRANSFORMER

5G PPP www.5g-ppp.eu
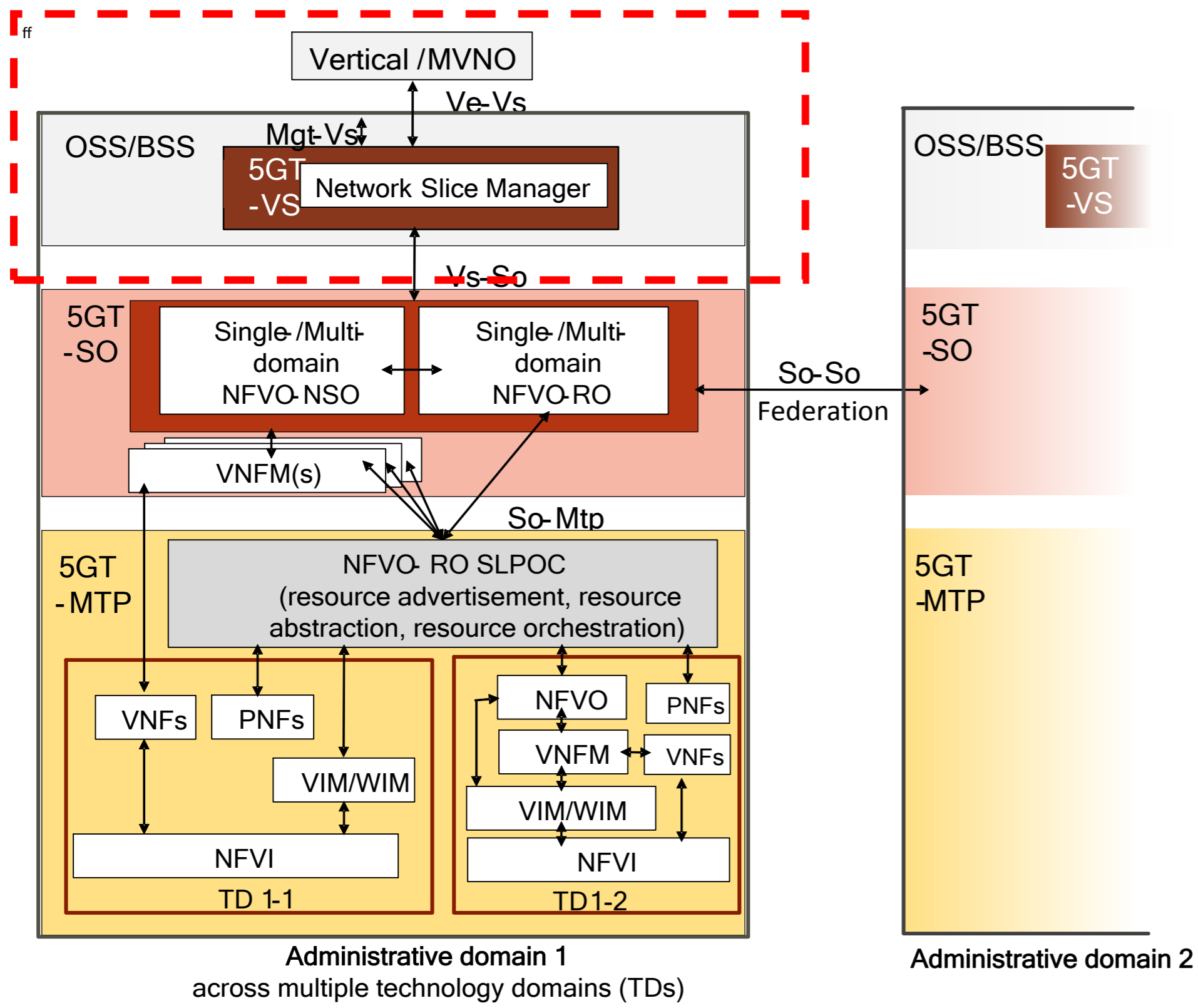
5G MOBILE TRANSPORT PLATFORM FOR VERTICALS

USING THE 5GT-VS TO DEPLOY AN ENTERTAINMENT SERVICE
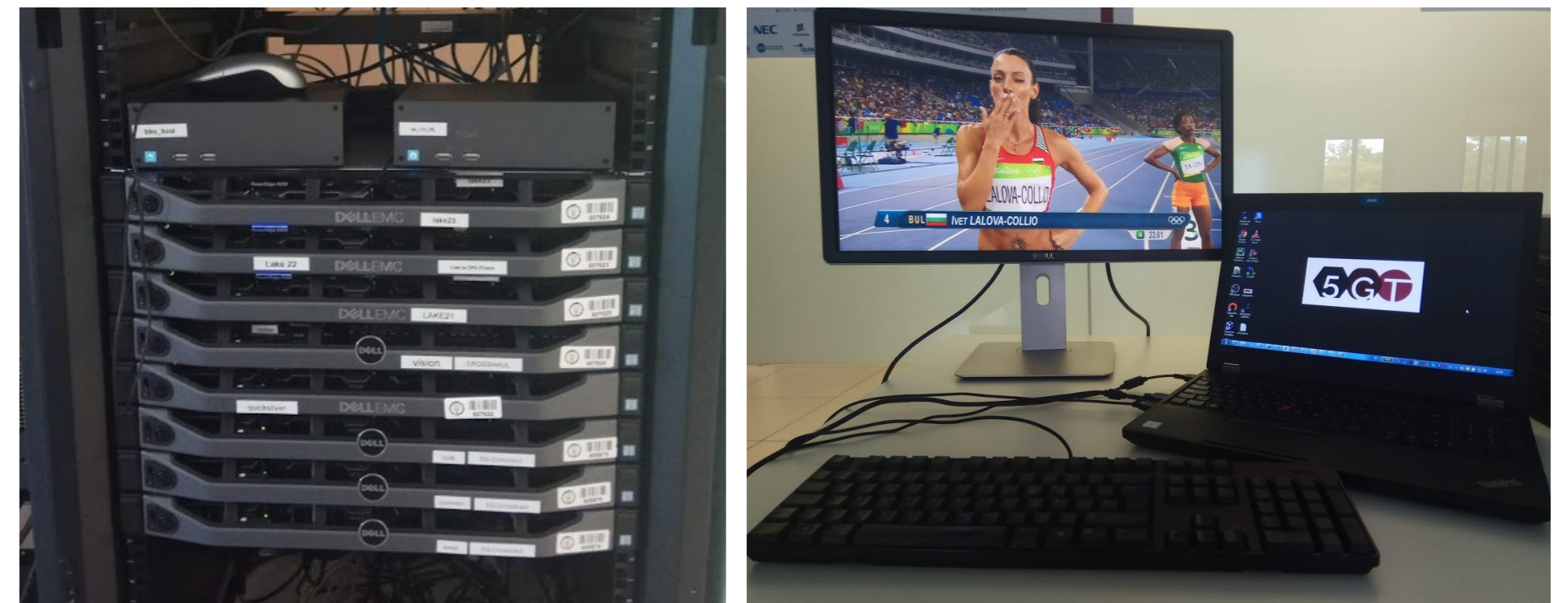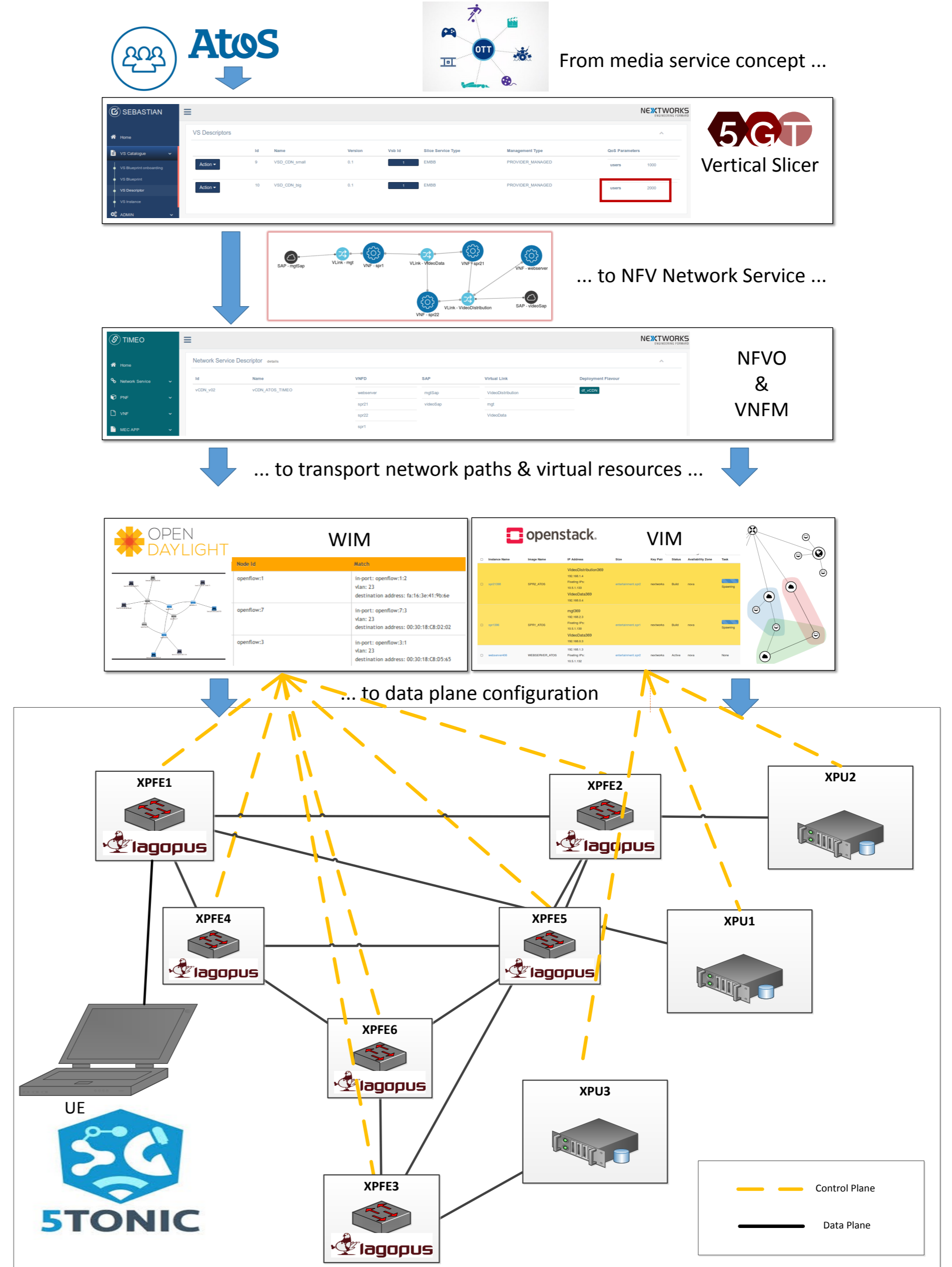
5G-TRANSFORMER ARCHITECTURE

- The Vertical Slicer (5GT-VS) is the 5G-TRANSFORMER entry point for vertical industries to request services based on service and business level parameters.
- The 5GT-VS translates service requirements into infrastructure-level requirements and creates network slices customized for the vertical's needs.

OBJECTIVES OF THE DEMO

- Deployment of high definition streaming service with smart placement of virtual appliances at the edge to avoid bottlenecks in the core of the network and provide a low latency service.
- Automation of service deployment at the 5GT-VS, with embedded translation of service parameters into network and cloud infrastructure specification

PLATFORM OF THE DEMO

From media service concept ...

... to NFV Network Service ...

... to transport network paths & virtual resources ...

... to data plane configuration

KPI EVALUATION

vCDN vertical service instantiation time

Video not in Local Cache

Video in Local Cache