5G-Transformer: 5G Mobile Transport Platform for Verticals

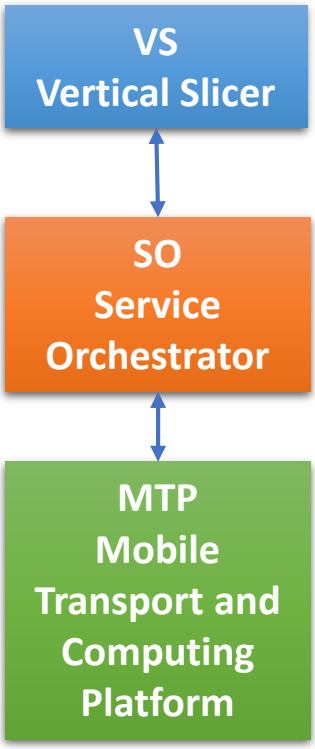
VISION

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.

MAIN BUILDING BLOCKS



Logical entry point for verticals to support the creation of their transport slices in a short time-scale.

Federation of transport networking and computing resources from multiple domains and allocation to slices.

Underlying unified transport stratum for integrated fronthaul and backhaul networks.

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Starting Date: 01/06/2017

End Date: 30/11/2019

Cost: 7.985.582,41 €

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