



RMA-ML PROXY

Multipath proxy

DESCRIPTION

MULTIPATH APPLICATION PROXY enabling user experience optimization thanks to a smart management of different link technologies.

TECHNICAL OVERVIEW

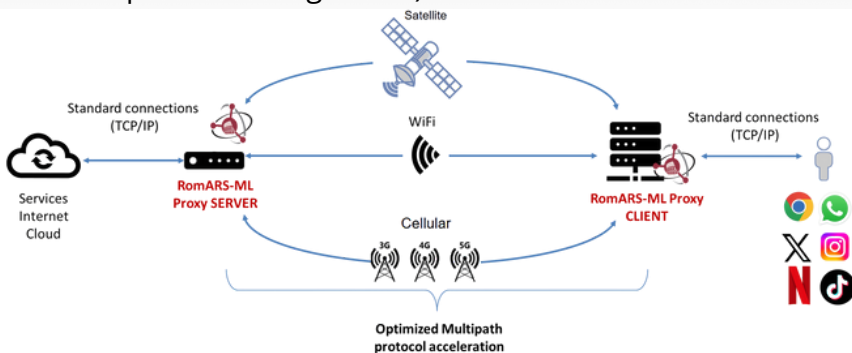
MULTIPATH

Simultaneous use of multiple link technologies, including GEO, LEO, 4G/5G, Optical, etc., with the aim to provide capacity bonding, failover/switching management, ad-hoc traffic steering, traffic duplication.

QUIC enhanced Transport

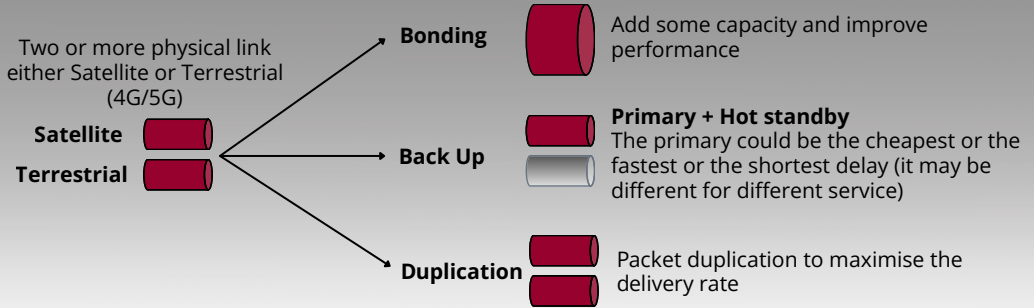
In combination with traditional MP-TCP, a QUIC-based solution guaranteeing:

- Maximize throughput and performances
- Reduced Latency/Connection Set Up (no initial signalling)
- Independent Multiple Stream with high-degree of QoS customization
- Congestion Control Algorithm (latest IETF proposals and the disruptive Wave algorithm)



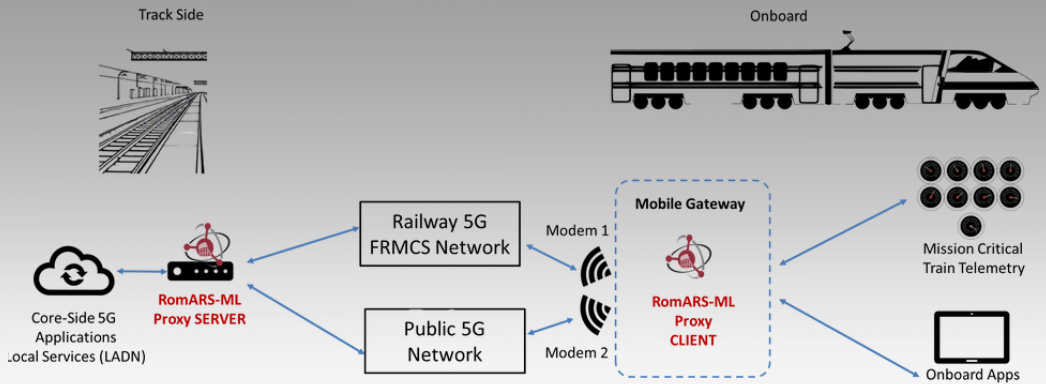
REFERENCE SCENARIO AT A GLANCE

MULTI-PATH STRATEGIES



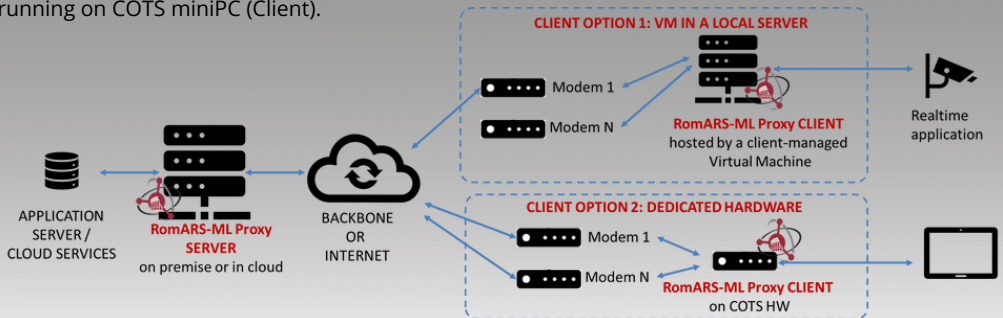
SUPPORT FOR LONG RANGE MOBILITY

MPQUIC adopted as transport protocol for FRMCS - Future Railways Mobile Communication System. MPQUIC now in 3GPP rel.18 as standard protocol for Multipath connectivity (e.g. N3IWF/ATSSS).



DEPLOYMENT OPTIONS

Available either as a software solution to be installed in a virtual machine, or as dedicated hardware running on COTS miniPC (Client).





WHERE WE ARE



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