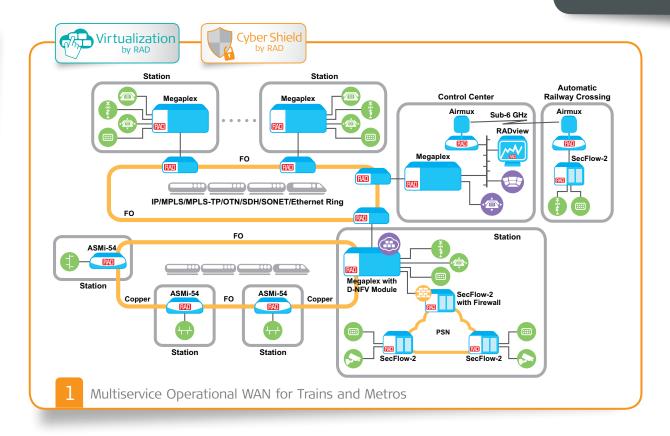


## Train and Metro Communications

Application Page



### Your Benefits:

- Ensure protected connectivity between stations and control room using multidrop and ring topologies
- Support mission-critical railway applications, including automatic train supervision (ATS), centralized traffic control (CTC), SCADA, and multiparty hotlines, as well as passenger information systems (PISs)
- Support legacy TDM and Ethernet traffic delivery over SDH/SONET/IP/ MPLS/MPLS-TP/CE/DWDM/OTN and/or carrier-grade fiber optic rings
- Carrier-grade Ethernet ensures service performance and ongoing KPI monitoring
- Ethernet extension over fiber or copper to enable service reach to

- remote M2M and video devices
- Enable Layer 3-7 applications (routing, security, SCADA), in addition to communications platform, using x86 Distributed Network Functions Virtualization (D-NFV) module

## Products Included in this Solution:



ASMi-54 SHDSL.bis Modems



**Megaplex** Next-Generation Multiservice Networking Nodes



DXC-5000 High Capacity Hybrid Cross Connects



RADview Management and Domain Orchestration

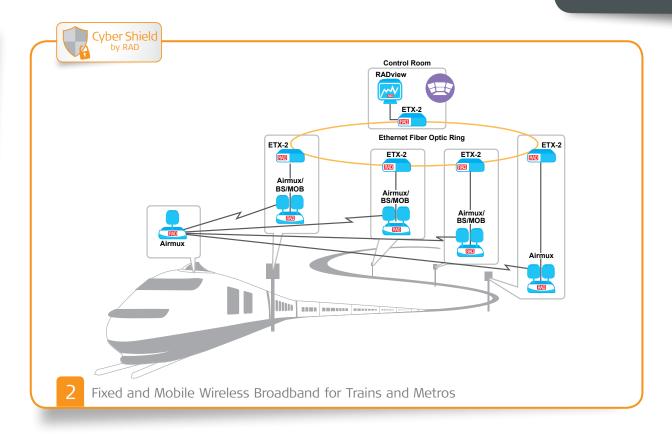






# Train and Metro Communications

Application Page



### Your Benefits:

- Supports bi-directional broadband connectivity for on-board video surveillance, infotainment and WiFi in moving vehicles using easy-to-deploy base stations and Ethernet access switches
- Guaranteed high capacity mobile video and data connectivity for ruggedized mobile units mounted
- on vehicles, trains and vessels at affordable total cost of ownership (TCO)
- Supports connectivity on moving vehicles at up to 300 km/h (186.4 mph)
- Up to 100 Mbps total throughput
- Seamless handover for real-time video streaming
- Reliable coverage over long distances in various terrains and topologies
- Best reliability and performance in metro and underground deployments

## Products Included in this Solution:



Airmux-Mobility
Mobile Wireless Access



ETX-2/ETX-2i
IP and Carrier Ethernet
Demarcation with D-NFV



RADview Management and Domain Orchestration



