Train and Metro Communications

Service Assured Networking Solutions

1 Multiservice Operational Network for Trains and Metros

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 (PIS)

- Support legacy TDM and Ethernet traffic delivery over SDH/SONET/PSN/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-4
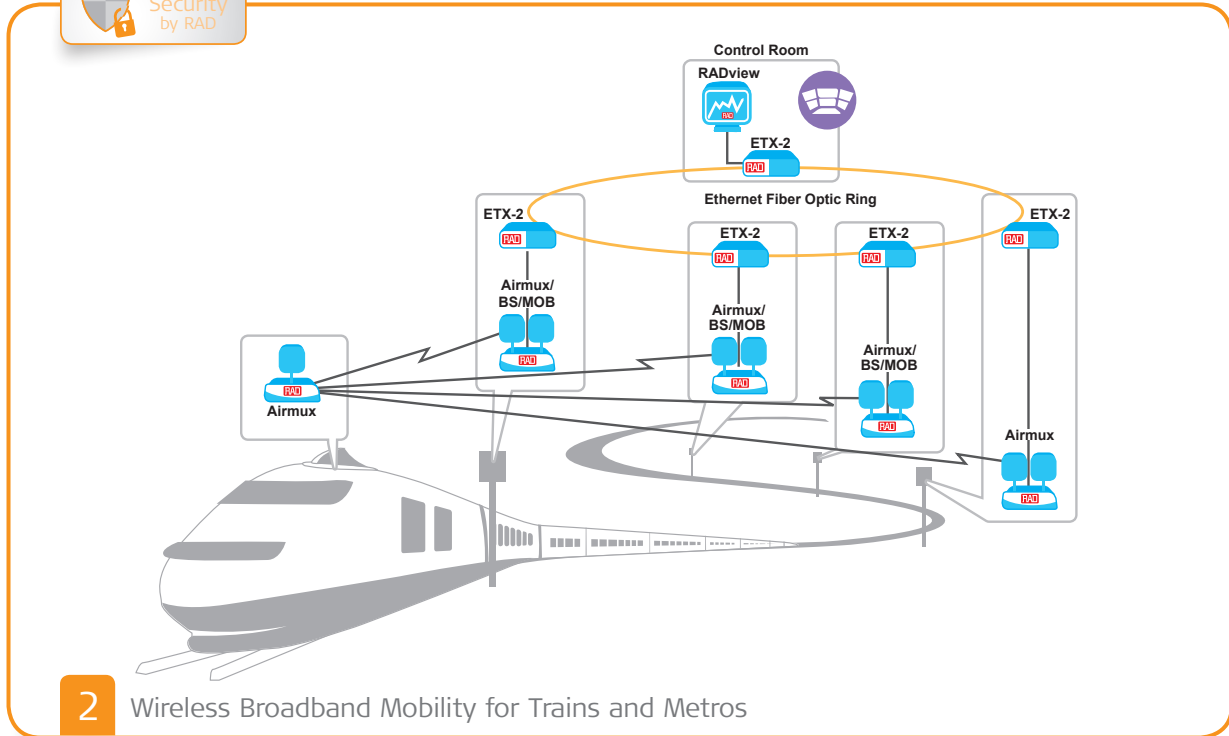Next-Generation Multiservice Access Node

PacketLight
Complete Solutions for WTM/OTN and Dark Fiber Applications

RADview
Network Management and Orchestration

RAD
Your Network's Edge

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Cyber Security by RAD

2 Wireless Broadband Mobility for Trains and Metros

Your Benefits:

- Support 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

- Guarantee high capacity mobile video and data connectivity for ruggedized mobile units mounted

- on vehicles, trains and vessels at affordable total cost of ownership (TCO)

- Support 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
IP and Carrier Ethernet Demarcation

RADview
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RAD
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