

Carrier Ethernet 2.0 Telekom Romania

Service Assured Access for Wholesale Services Delivering Broadband Connectivity to International Service Providers

Challenge

Provisioning of SLA-based wholesale services to international service providers with guaranteed classes of services, service manageability and interoperability

Solution

RAD's MEF CE-2.0-certified ETX-2 Carrier Ethernet and IP demarcation



Telekom Romania, a member of the Deutsche Telekom family, offers its wholesale L2 Connect 2.0 E-Access services in Romania and throughout southeast Europe to service providers wishing to extend their service coverage beyond their own footprint.

Based on the Metro Ethernet Forum's latest Carrier Ethernet 2.0 E-Access service definitions, L2 Connect allows service providers to deliver Ethernet Private Line (EPL) and Ethernet Virtual Private Line (EVPL) services across multiple networks operated by different entities with guaranteed service level agreements (SLAs) and consistent user experience, whether the subscribers are on- or off-net.

Telekom Romania's goal is to provide flexibility, transparency, reliability, and simple integration with operators offering MEF CE 2.0-certified services. That is why they chose RAD's network interface devices (NIDs) as the service hand-off point at the customer premises.

"Given the accelerated evolution of customers' demands from legacy to new generation Ethernet-based services and the shift from the local to global market, we focused on developing our capability to provide the best standardized solutions featuring improved classes of services, service manageability and interoperability," explains Sonia Radut, Products and Business Development Romania Project Manager, Telekom Romania Group.



"We selected RAD'S ETX-2 demarcation devices as the best solution for our Carrier Ethernet 2.0 MEF certified services."

Sonia Radut,
Telekom Romania Group



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“In this respect, we selected RAD’S ETX-2 demarcation devices as the best solution for our MEF Carrier Ethernet 2.0-certified services – L2Connect 2.0.”

Service Lifecycle Toolkit Effectively Guarantees Premium SLAs

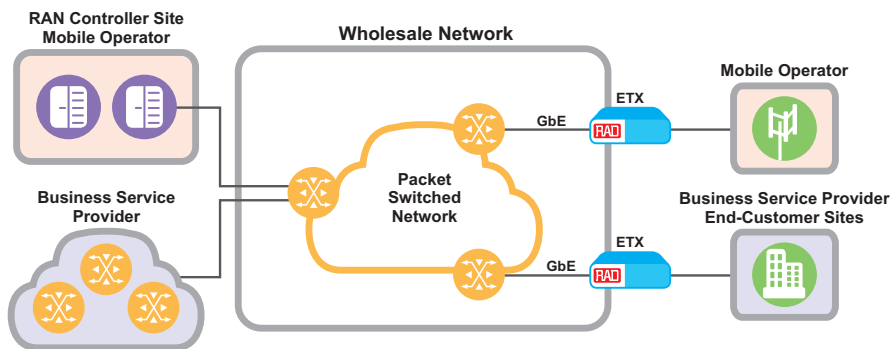
RAD’s ETX-2, part of its Service Assured Access portfolio, provides advanced Layer 2 and IP demarcation for SLA-based services. It is equipped with a wide range of standards-based tools to manage and control services throughout their service lifecycle, ensuring that SLA objectives are met. In addition to providing deep end-to-end visibility, it also simplifies operations to enable fast service rollouts and proactive performance monitoring.

“Telekom Romania’s decision followed a thorough selection process and a testing period that pitted our solution with those of competing vendors to ensure quality and compatibility,” states Illy Sarid, Senior Regional Sales Manager at RAD. “This certainly testifies to our leadership in designing the industry’s best state-of-the-art Carrier Ethernet solutions.”

The contract was facilitated by ICG, a local RAD partner in Romania, which is also providing logistical and technical support to Telekom Romania during the deployment process.

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Features

- MEF CE-2.0 certified for E-Line, E-LAN, E-Tree, E-Access services
- Supports E-Access EPL/EVPL on a single interface up to 10 Gbps
- Enhanced traffic management per EVC/EVC Class of Service
- Accurate and scalable Ethernet OAM with one-way and two-way measurements, performance monitoring, built-in RFC-2544/Y.1564 tester capabilities, TWAMP support, and L2/L3 diagnostic loopbacks

Benefits

- Differentiated QoS and strong SLAs
- Deep end-to-end service visibility over different service provider networks
- Standardized service definitions
- Fast service rollouts and simplified

International Headquarters
RAD Data Communications Ltd.
24 Raoul Wallenberg Street,
Tel Aviv 69719, Israel
Tel: 972-3-6458181
Fax: 972-3-7604732
email: market@rad.com www.rad.com

North American Headquarters
RAD Data Communications, Inc.
900 Corporate Drive, Mahwah, NJ 07430, USA
Tel: 1-201-529-1100
Toll free: 1-800-444-7234
Fax: 1-201-529-5777
email: market@radusa.com www.radusa.com



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