


# LAN Solution EoM.

International Carrier Sales & Solutions (ICSS)

Life is for sharing.

A photograph of a man and a woman sitting at a desk in a library, looking at a laptop. The man is on the left, wearing a blue plaid shirt, and the woman is on the right, wearing a green sleeveless top and a purple scarf. They are both looking at the laptop screen with interest.

IP &  
Transport

## One link for global networking.

The international adoption of Ethernet services is increasing the need for virtual private LAN services (VPLS). VPLS is mainly driven by two major market requirements: the primary driver of VPLS is a series of corporate market trends such as globalization of markets and the exploding use of bandwidth-hungry applications, while the other driver is the need to prepare the infrastructure for future

requirements. The exchange of legacy equipment to optimize networks is a global requirement. With LAN Solution EoM, ICSS complements its rich portfolio of Ethernet solutions with an additional service specifically designed to fulfill your requirements for the seamless connection of the globally distributed sites of your customers.

## Description of the solution.

LAN Solution EoM offers an any-to-any virtual private LAN service (VPLS) that supports the connection of multiple sites in a single, bridged domain over a managed MPLS network. The Ethernet-based VPLS solution simplifies the LAN/WAN boundary for our customers. LAN Solution EoM enables rapid, flexible service provisioning since the service bandwidth is not tied to the physical interface. All virtual private LAN services appear to be on the same LAN, regardless of the location.

## LAN Solution EoM – responding to different business requirements.

- **Market globalization has the effect that more and more businesses are spreading across increasingly wider areas and employees are traveling more frequently.**

With LAN Solution EoM, ICSS efficiently interconnects your branches and ensures access to your customers' corporate network from any place, anywhere.

- **The deployment and use of bandwidth-hungry applications such as SaaS, cloud computing, remote backup, storage, financial transactions, and so on requires efficiency and ease of use.**

With LAN Solution EoM, ICSS provides more than a cost-efficient interconnection. Due to the simplified infrastructure, your customers enjoy exceptional ease of use.

- **Legacy equipment is replaced more and more as aging infrastructures become more expensive and harder to manage and cannot be extended flexibly.**

With LAN Solution EoM, the network infrastructure can be modernized in a cost-efficient manner. The network gains flexibility, and you can easily obtain additional capacity for future upgrades.

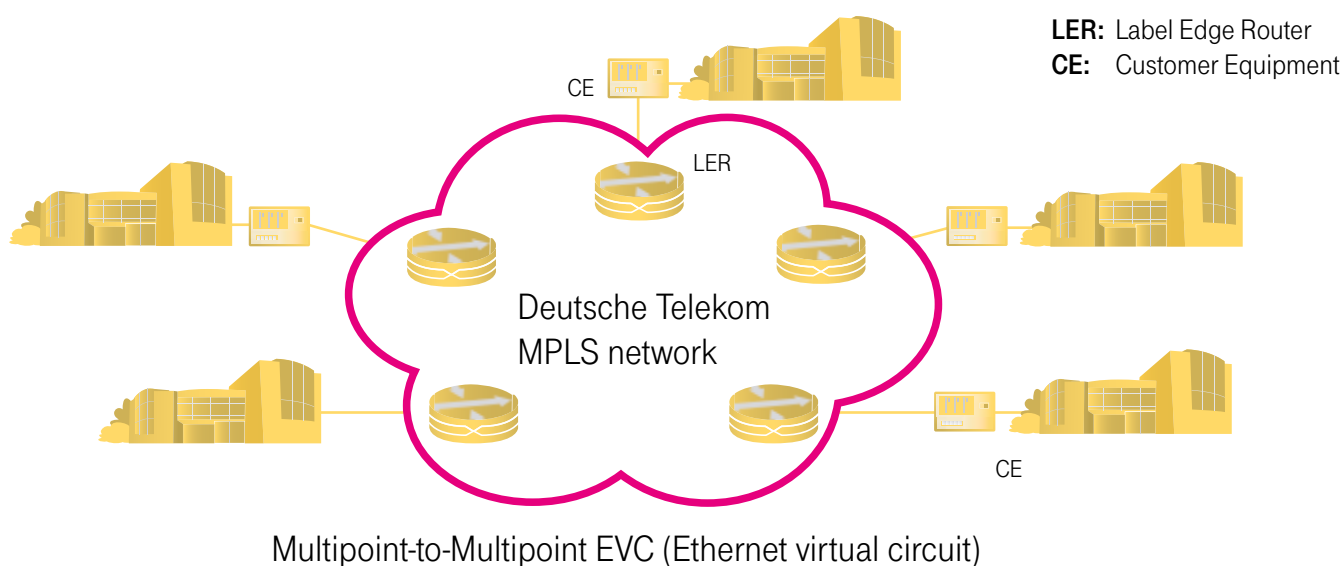
## Features of LAN Solution EoM include:

- LAN functionalities on a global scale that are invisible to users
- Support of a variety of traffic types such as Voice over IP, audio and video streaming, banking and business applications, Internet access and E-Mail traffic
- A maximum of scalability, enabling bandwidth changes through simple software changes
- An infrastructure that is future-proof since adding new sites is easy and the pertinent incremental costs are very low
- Low-cost equipment and management system and less manpower support
- Full control over IP routing
- Maximum security since the solution is resilient to intrusion due to the separation of critical data from general traffic
- Enhanced QoS functionalities on an end-to-end basis (latency, jitter, packet loss)

## Key benefits.

- **Ease of use and simplicity:** your customers' sites appear to be on the same LAN, regardless of their geographical location
- **Quality:** independently of traffic type or application, whether bandwidth-hungry or not, all traffic is delivered over a single Ethernet interface
- **Flexibility and cost effectiveness:** LAN Solution EoM fully adapts to business changes and associated traffic requirements and patterns
- **Adaptability and flexible deployment:** the most cost-effective solution for future business expansion
- **Network efficiency and increased flexibility:** you are free to make reconfigurations and debug yourself
- **High-level QoS:** optimum delivery and monitoring of your customer's traffic

## LAN Solution EoM – network overview.



For further information, see  
[www.telekom-icss.com](http://www.telekom-icss.com)

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