

Ethernet Services.

International Carrier Sales & Solutions (ICSS)

Life is for sharing.



IP &
Transport

ICSS – your provider to serve your Ethernet requirements.

The Ethernet market is developing significantly at an international cross-border level. Wholesale Ethernet is set to increase substantially over the next years driven by the easy-to-use, scalable and flexible nature of Ethernet, the rise of broadband and content-rich consumer services, and next generation business applications. With a comprehensive Ethernet portfolio, ICSS is best positioned

for all kinds of customer requirements, e.g. traffic control, legacy replacement, network extensions, all types of traffic delivery, and so on. As an early adopter of Ethernet, we constantly develop our portfolio to provide you with a complete set of solutions designed to meet your Ethernet requirements perfectly.

EoWDM.

ICSS's EoWDM is a transport service provided on our DWDM-based international network. With this point-to-point service, we offer you a dedicated, unprotected, and bi-directional link between Deutsche Telekom ICSS's PoP locations with or without local tails. EoWDM is available as 10G Ethernet.

City-to-City Ethernet.

With our MEF-compliant City-to-City Ethernet connection, we provide you with a protected point-to-point clear channel service at 10 BaseT, 100 BaseT and GE interface:

- Available bandwidth of 2.5 Mbps up to 1 Gbps
- A complete solution including local loops and in-house wiring at our PoP locations upon request
- Easy upgrade of the installed bandwidth up to maximum speed limited by the installed interface and local loop speed

Circuit Solution EoM.

ICSS's MEF-compliant Circuit Solution EoM is a transport service (Layer 2 VPN) based on the MPLS network of Deutsche Telekom. A transparent, protected transport of data for all kinds of business applications is ensured. ICSS provides a point-to-point or point-to-multipoint solution connecting two or more customer locations within a network:

- Ethernet over MPLS: Fast Ethernet and Gigabit Ethernet with 10/100 Mbps payload granularity
- QoS supporting four different classes of service
- Three different circuit types:
 - Transparent Circuit Port Ethernet
 - Transparent Circuit Port VLAN
 - Multi Circuit Port (combination of the two previous solutions)

LAN Solution EoM.

ICSS's LAN Solution EoM offers an any-to-any virtual private LAN service (VPLS) supporting 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 and flexible service provisioning as the service bandwidth is not tied to the physical interface. All services in a VPLS appear to be on the same LAN, regardless of location.

Global coverage.

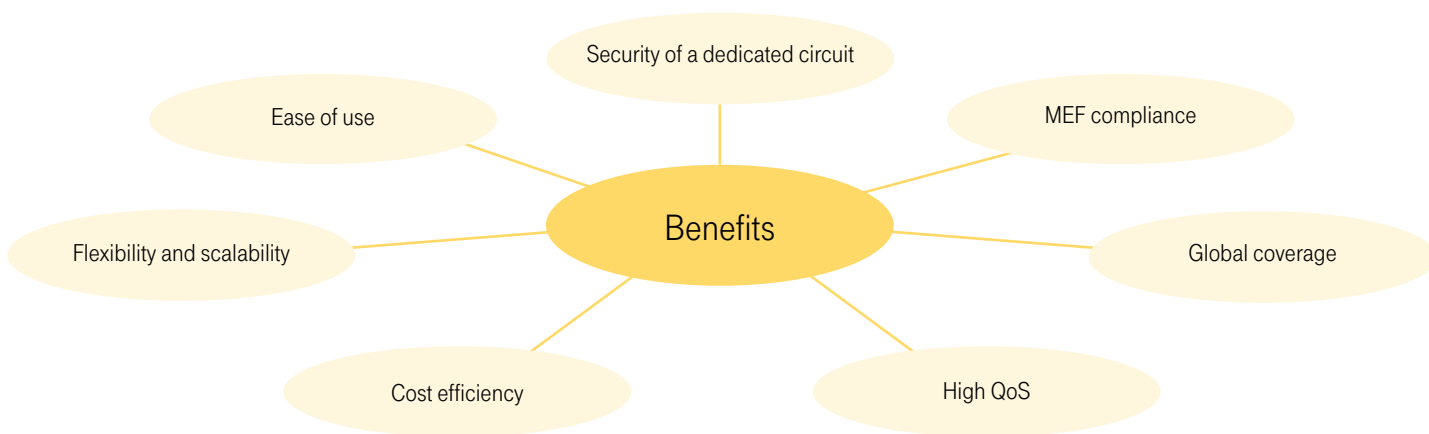
Thanks to Deutsche Telekom's unmatched coverage with more than 100 PoPs in Germany, its largest pan-European network, and strategic presence in key locations across the United States and Asia, ICSS can meet your Ethernet requirements wherever you are.

Equipment Accommodation.

As a supplement to your bandwidth, voice, and IP services, ICSS provides Equipment Accommodation (EQA) services at all our major PoPs:

- Rack space (600 x 600 millimeter standard space)
- Racks or cabinets
- AC/DC power supply
- Air conditioning
- Patchings
- First-level support
- Cabling between our PoP and your equipment, as well as phone access for monitoring and management available on request
- Superior technical support from our experienced local staff

ICSS Ethernet Services: benefits for our customers



For further information, see
www.telekom-icss.com

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