



## IP Transit.

Services International Carrier Sales & Solutions (ICSS)

Life is for sharing.



# IP Transit.

## IP Transit – answers for a new era of communications.

The Internet is reshaping the way we live our lives. As innovative technologies and new IP-based services appear on the horizon, wholesale operators and xSPs face the challenge of remaining flexible in a rapidly changing information and telecommunications landscape.

International Carrier Sales & Solutions (ICSS) meets these emerging requirements with a complete range of custom-made wholesale solutions for IP and data transmission.

## Maximize your flexibility with the quality solutions of ICSS:

- Leverage the strength of T-Online, Europe's largest ISP, with over 16 million subscribers
- Offer voice services to private and corporate customers
- Cut costly investments by leasing our MPLS-based, state-of-the-art IP platform
- Trust in Deutsche Telekom's tightly meshed backbone with full redundancy for fail-safe capability
- Take advantage of direct connections to most of the broadband providers in Europe and the United States

## Features:

- Worldwide coverage based on Deutsche Telekom's global IP backbone
- More than 1000 Gbps of sold IP Transit ports (outside of Germany)
- 99.99 % availability within the backbone
- Transmission rates of up to 10 Gbps
- Broad range of available interfaces
- Public backbone monitoring shows backbone performance in regard to packet loss, delay, and jitter
- Performance monitoring gives you insight into your data transfer and bandwidth consumption, enabling you to proactively manage connections
- Looking Glass provides essential information about Deutsche Telekom's network efficiency
- BGP communities help you fine-tune your routing for the most accurate delivery path possible
- Deutsche Telekom prepared for IPV6
- Diverse billing options include flat rate, 95th percentile, average and volume-based

## Our IP Transit offers international carriers and xSPs upstream Internet connectivity to all worldwide domains.

## Your benefits:

- One of the world's largest IP networks with over 190,000 terabytes of monthly traffic
- Direct interconnections to leading content providers
- Intercontinental round-trip delay matching the highest industry VoIP, leaving you with room for development and future growth standards
- More than 280 peering circuits in Europe, the United States, and Asia with a total capacity of more than 600 Gbps
- Over 140 Gbps of transatlantic IP backbone capacity (permanent backbone upgrades worldwide)
- Advanced anomaly detection solutions protect from Internet worms and distributed denial of service (DDoS)
- Virtually all peerings of Deutsche Telekom are private peering connections
- Short implementation lead times
- 24/7 support
- Guaranteed repair of malfunctioning node within 4 hours (within Deutsche Telekom's network)
- Highest network security standard
- Strict antispam policy ([www.deutschetelekom.com/policy/AUP](http://www.deutschetelekom.com/policy/AUP))
- Bespoke solutions tailor-made for each customer
- Guaranteed quality of service (QoS) with guaranteed service level agreements (SLAs)
- Redundant network infrastructure with consistent network design
- Single worldwide AS Number for most efficient routing

## About Deutsche Telekom ICSS.

ICSS, the international wholesale arm of Deutsche Telekom Group, is one of the biggest voice carriers worldwide and an increasingly important IP player across a growing European market with excellent interregional connections between Europe, the Americas and Asia. With continuously changing markets, ICSS has redesigned its portfolio from traditional voice and transport services to advanced innovative wholesale services and customized IP solutions. The business activities and efforts of ICSS focus on serving the following market segments: broadband operators (ISPs, WISPs, and VoIP SPs), mobile operators and MVNOs, content, application and media providers, corporate service providers and VNOs, fixed voice carriers, and carriers' carriers and their customers through a worldwide sales network. The basis for the delivery of the services of ICSS is an expanding ultra-modern infrastructure – Deutsche Telekom's international network.

For further information, see

[www.deutschetelekom.com/icss](http://www.deutschetelekom.com/icss)

Life is for sharing.

