

IP-TRANSIT

CONNECTED EVERYWHERE

Core-Backbone GmbH is a Germany-based carrier and network service provider that offers, among other things, high-performance IP-Transit services. With an international backbone and extensive peering arrangements, Core-Backbone operates an independent Autonomous System 33891, with presence in numerous data centers worldwide.

SIMPLY RELIABLE

Turn your network into a true competitive advantage with our IP-Transit services. With an annual average availability of over 99.95%, Core-Backbone GmbH ranks among the most reliable providers worldwide.

Global Presence



Key Benefits



95% of our traffic goes directly to the destination network



Your dedicated point of contact from day one – reliable and committed to your success



Service activation within one minute to 48 hours at On-Net locations

Our customers include telecommunications and network providers, data center operators, content networks, as well as companies from the industrial and service sectors. To meet the growing demands of our clients, we have been deploying interfaces ranging from 1 Gbps to 400 Gbps for years. In addition, we rely on multiple redundant uplinks and offer an edge capacity of over 40 Tbps.

IP-TRANSIT

Technical Features

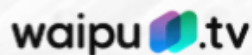
With our IP-Transit service, your network becomes part of the global Internet. Whether you're a content or access provider, IP Transit enables you to send and receive data across the Internet.

- Available Port Sizes: 1G, 10G, 40G, 100G und 400G
- True IPv4/IPv6 Dual Stack
- Multiple BGP-Sessions included
- Blackholing / Remote Triggered Black Hole (RTBH)
- More than 60 PoPs across North America, Europe and Asia & over 4200 Peering relationships
- BFD (Bidirectional Forwarding Detection) for rapid link failure detection
- Trunk-Port for delivering multiple services over a single interface
- RPKI (Resource Public Key Infrastructure) to prevent BGP hijacking
- LACP (Link Aggregation Control Protocol) to combine multiple physical connections into one logical channel

Speed. Precision. Success.

Our customers say we're the fastest. Our stats back it up: for 98% of all newly ordered services, we sent a completion notice within 24 hours of receiving the order.

References



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Billing Models

- Flat Rate Billing or
- 95%-tile Billing with option for:
 - ✓ Commitment (CDR)
 - ✓ Rate-Limit
 - ✓ Aggregate Commitment across multiple Ports



Technical Details

Core-Backbone operates its IP network under Autonomous System Number 33891. Depending on the service agreement, Core-Backbone provides customers with either the full global BGP routing table or a default route. Since the global routing table is extensive and continues to grow, Core-Backbone recommends that customers opting for the full table ensure their routing hardware is capable of reliably handling both the current size and future growth of the table.

Handover options:

- Optical Gigabit Ethernet (“1000BASE-LX”)
- Optical 10 Gigabit Ethernet (“10GBASE-LR”)
- Optical 100 Gigabit Ethernet (“100GBASE-LR4”)
- Optical 400 Gigabit Ethernet (“400GBASE-LR4”)

A service provided via an Ethernet port can be ordered with a minimum bandwidth of 100 Mbps and can be increased in 100 Mbps increments up to 400,000 Mbps. Core-Backbone provides the IP-Transit service at the designated data center. A minimum commitment of 10% of the port size is required. The customer is responsible for provisioning the cross-connects within the data center.

IP-TRANSIT

Network Operations Center (NOC)

Our experienced German- and English-speaking team is available around the clock – 24/7 – to ensure you always have direct access to knowledgeable support. No detours, no delays – just reliable assistance when you need it.

- ✓ 24/7 Emergency Hotline
- ✓ 3-Tiered Support Model
- ✓ Process-Oriented Workflow with Ticketing System



Location

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CORE BACKBONE

YOUR CARRIER WITH MORE THAN
60 PoPs OVER THE WORLD



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