



BUSINESS IP TRANSIT

For businesses with their own autonomous system (AS)

Due to its affiliation with a T1 carrier, Sunrise Business is connected to the most important Internet exchange points around the world. Thanks to our own backbone with multiple redundancy, we can guarantee high domestic and international availability. Bandwidths of up to 10 Gbit/s are available for Business IP Transit.

The Business IP Transit services from Sunrise Business meet the specific requirements of large-scale companies that use their own AS and want to advertise this. Customers can connect to the Internet with their own IP address range and AS without having to deal with the complexity of Internet routing.

The management options enable Internet access via multiple Internet service providers, managed by Sunrise Business. Alternatively, the customer or another service provider can assume management responsibility. Since a fiber optic connection is required for Business IP Transit, the service can easily be combined with other transport services such as Business Internet, Business IP VPN and Business Ethernet.

Increased availability with redundancy

Every business relies on the availability of its data and services. The Sunrise Business multi-platform and access infrastructures offer a wide range of redundancy concepts, which guarantee maximum availability and are fully catered to your needs.

The increased availabilities of Business IP Transit services are based on two levels:

Customer connection level: This level achieves an increase in availability through two connecting devices and two physically separated customer connections (with or without path redundancy) per location. Available access technology: fiber optics.

Internet level: Multihoming enables an additional redundancy on the Internet level, which can also compensate for ISP disruptions.

Customer locations that are connected with redundancy boast service availabilities of 99.98% («Platinum» service level) or higher.

Standard features

Multihoming	Fiber optics						
Bandwidths (committed)	10, 20, 50, 100, 200, 300, 400, 500, 1000 Mbit/s 1, 2, 4, 10 Gbit/s (≥ 2 Gbit/s only for unmanaged) Further bandwidths on request						
Bandwidths (max. burst)	100, 200, 300, 400, 500, 1000 Mbit/s 1, 2, 4, 10 Gbit/s (≥ 2 Gbit/s only for unmanaged) Burst must be higher than committed						
Power supply unit (CPE)	Managed service: managed router; unmanaged service: fiber termination equipment						
Network connection Optical Ethernet interfaces only for bandwidths of more than 100 Mbit/s	Ethernet 10/100 Mbit/s (RJ45), Ethernet 10/100/1000 Mbit/s (RJ45), Ethernet 1000 Mbit/s (850 nm MMF & 1310 SMF) Ethernet 1000 Mbit/s (1470–1610 nm SMF / CWDM) Ethernet 10 Gbit/s (1310 SMF)						
Service and support	<table> <tr> <td>Technical support</td><td>24/7: 365 days a year</td></tr> <tr> <td>Support hours</td><td>5 × 11: Monday to Friday, 7:00 to 18:00</td></tr> <tr> <td>Service Level</td><td>Bronze: annual availability of 99.80%, max. 8 hours of outage time during the support time</td></tr> </table>	Technical support	24/7: 365 days a year	Support hours	5 × 11: Monday to Friday, 7:00 to 18:00	Service Level	Bronze: annual availability of 99.80% , max. 8 hours of outage time during the support time
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Multihoming	Managed (BGP routing operated by Sunrise Business) Unmanaged (BGP routing operated by the customer or another ISP)						

For managed services

Service provider	Max. 3 (Sunrise Business AS6830 and 2 others)				
Routing	Full table, full table plus default route, default route only, AS6830 + default route				
Protocols	IPv4 (managed multihoming), IPv4 + IPv6 (unmanaged multihoming only)				
Redundancy	Path and connection unit redundancy (fiber optics), only with identical bandwidths				
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The information in this document does not constitute a binding offer. It is subject to change at any time.

Please don't hesitate to call us if you would like more information.

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