

IP Transit

- **Internet Transit service for high traffic volumes and demanding applications**
- **Multiple transit networks for optimised traffic quality**
- **Port speed 1 Gbit/s or 10 Gbit/s**
- **Available with or without redundancy**
- **Complementary options for peering**

As a result of the constantly increasing spectrum of services delivered over the Internet, your Internet connection is becoming more sensitive to parameters such as availability, speed, response times, jitter, and packet loss. To give you the competitive edge, GlobalConnect has created a market-leading IP Transit service.

Optimized Internet traffic quality

GlobalConnect has chosen to optimise traffic quality by establishing transit agreements with a number of TIER 1 carriers*). By selection of TIER 1 carriers with complimentary global Internet coverage, GlobalConnect's IP transit clients can be certain of unsurpassed response time performance.

GlobalConnect continuously expands upon the number of peerings with other Internet service providers, further increasing the traffic quality and fault tolerance level of the service. In other words: IP Transit is fully at par with GlobalConnect's market-leading portfolio of Carrier Class products and services.

The leading transit hub in Denmark

Normally it is not economically feasible to deploy several TIER 1 uplinks unless the total traffic volume is extremely high. But as an IP Transit client at GlobalConnect, you obtain the same benefit without the need for extremely high traffic volumes, as GlobalConnect is able to offer IP Transit at market-leading terms.

Designed for heavy use

IP Transit from GlobalConnect is designed to suit service providers and heavy Internet users. Routing is based on the BGP4 protocol, and the network is accessed through 1 or 10 Gbit/s ports. The traffic can burst up to line speed, and charging is typically based on volumes with a minimum basic commitment level. IP Transit is available from GlobalConnect's housing centres in Taastrup, Kolding, and Hamburg.

*) TIER 1 carriers form a major part of the internet global backbone

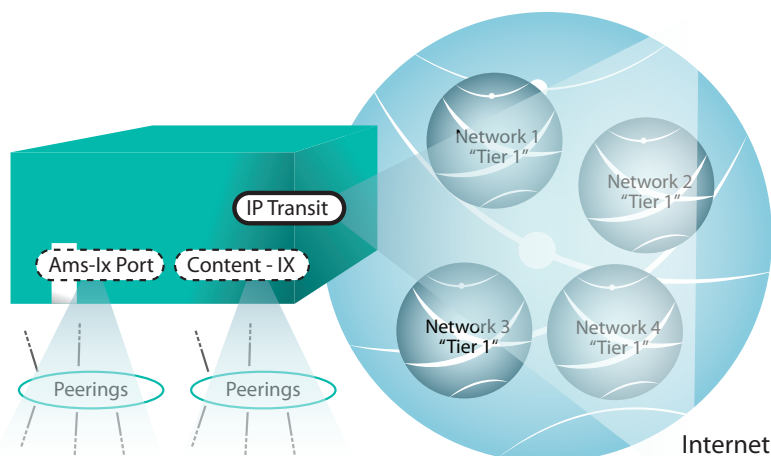


Figure 1: IP Transit has uplinks to several TIER 1 networks. The additional services AMS-IX Port and Content-IX adds peering options to further optimize traffic flow and reduce traffic costs

Technical Data

Complementary options for peering

In addition to the optimized IP Transit service, GlobalConnect offers excellent peering opportunities to our customers in the form of the products AMS-IX Port and Content-IX. These represent opportunities to exchange large volumes of traffic through peering agreements.

Redundancy

IP Transit is available with full redundancy. With the redundancy option you access the service via ports on two different routers. The BGP protocol ensures that Internet traffic always uses the nearest port in the network. If one port becomes unavailable, all traffic is automatically routed via the other port.

IP addresses and AS-numbers	IP Transit requires own AS-number and IP range. GlobalConnect can assist to apply for AS-numbers and IP addresses at a separate fee
Port speed	1 Gbit/s or 10 Gbit/s
Locations of delivery	GlobalConnect housing centres in Taastrup, Kolding and Hamburg. Also available countrywide via GlobalConnect 's fibre network (see IP Access)
Billing method	Volume based (95% percentile) with or without commitment
Supported IP versions	IPv4 and IPv6
Routing protocol	BGP4



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