

International Networks

- **Dedicated non-Internet connections**
- **Own backbone in Scandinavia and Northern Europe**
- **Global partnerships**
- **End-to-end service agreement**
- **Redundancy options**

GlobalConnect delivers both national and international connections so you can create a combined Danish and international network solution through one responsible supplier. This facilitates your administration and offers you optimum operating conditions in the overall network solution.

Dedicated international connections

Establishing access to the company's international IT applications is no routine task. VPN via the Internet is the commonplace solution – however, quality may vary. Fault correction may be difficult as each end of the connection is usually delivered by different providers.

Dedicated international connections ensure pre-determined capacity, performance and service level agreement. This means that your IT applications and IP telephony have optimum conditions for working across borders and large geographical distances.

Own backbone in Scandinavia and Northern Europe

GlobalConnect has its own dedicated backbone between Stockholm, Oslo, Copenhagen, Hamburg, Frankfurt, Amsterdam and London. GlobalConnect thus controls most of the international stretches so that we can offer you our well-known, superior service. Our dedicated backbone and extremely low delay (Round Trip Delay) allow you to connect IT systems in almost the same way as if all addresses were located in Denmark. We will connect your offices via fibre connections, or in some cases copper or radio relay links, from our local partners.

Global partnerships

The market for international circuits is massive and complex and requires good intra-industry relations to

be able to offer the right product at the right price. As long-time supplier of some of the largest international operators, GlobalConnect has established a wide network of contacts in the global telecom industry.

End-to-end service agreement

With GlobalConnect, your service level agreement will comprise the entire network, and GlobalConnect assumes responsibility for solving any operating problems regardless of which operator causes the error. GlobalConnect's Operation and Maintenance Center (OMC) is manned all day year round and handles operations across time zones and language divides.

Needs analysis

When your international addresses need to be connected to your company's network, it is crucial to consider any requirements posed by the applied IT applications. Some applications use special protocols that are typically not supported by international WAN connections, some are sensitive to network delays, etc. We assist in identifying demands and find the optimum solution in the market.



Figure 1: GlobalConnect's international dedicated backbone connections

Technical Data

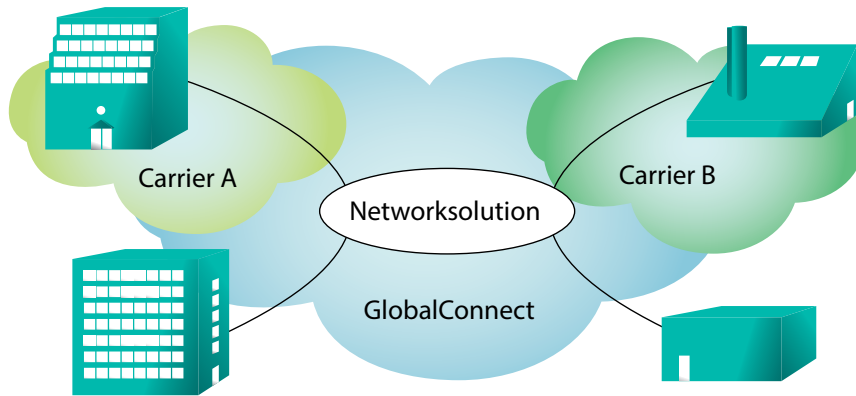


Figure 2: GlobalConnect delivers a comprehensive network solution with addresses in Denmark and abroad

Monitoring	All day, all year
Service agreement, uptime unprotected	99,5%
Service agreement, uptime protected	99,95%
Connection points on dedicated backbone	Copenhagen Stockholm Gothenburg Malmö Oslo Hamburg Frankfurt London Amsterdam
Round Trip Delay	Max. 20 msec in backbone from Copenhagen
Jitter	Max. 2 msec in backbone from Copenhagen
Packet loss	Max. 0.01% in backbone
Redundancy types	None Single access with backbone diversity End-to-end full diversity
Connection to customer addresses	Via local partners
Technologies	Ethernet WDM
Indoor cabling at the customer	Included in delivery if the place of delivery is specified accurately in the agreement.
Internal cabling at connection points	Copenhagen: Included Other: Not included