

Telia Carrier Wavelengths

GET ON THE WAVE

Scalable

Global backbone

1Gbps – 100Gbps

For customers with serious bandwidth needs, we offer a serious solution: Telia Carrier Wavelengths. Your own dedicated wavelengths, to do whatever you want. It puts you in control.

Scale up for tomorrow

We built our global fiber backbone from the ground up. It's one of the largest in the world. That means we can deliver high-bandwidth wavelength solutions for your needs of today – with the scalability and flexibility to meet your needs of tomorrow.

We were the first carrier to sell wavelengths, back in 1998. We were the first to be 100G enabled in Europe and North America. And we were the first to deliver a 1Tb/s transmission – ready for whatever comes next.

Bandwidth on a global scale

We offer wavelengths in 35 countries and have PoPs in key locations across North America and Europe, including Eastern Europe and Russia.

Choose single, protected or dual links to unlock new possibilities to:

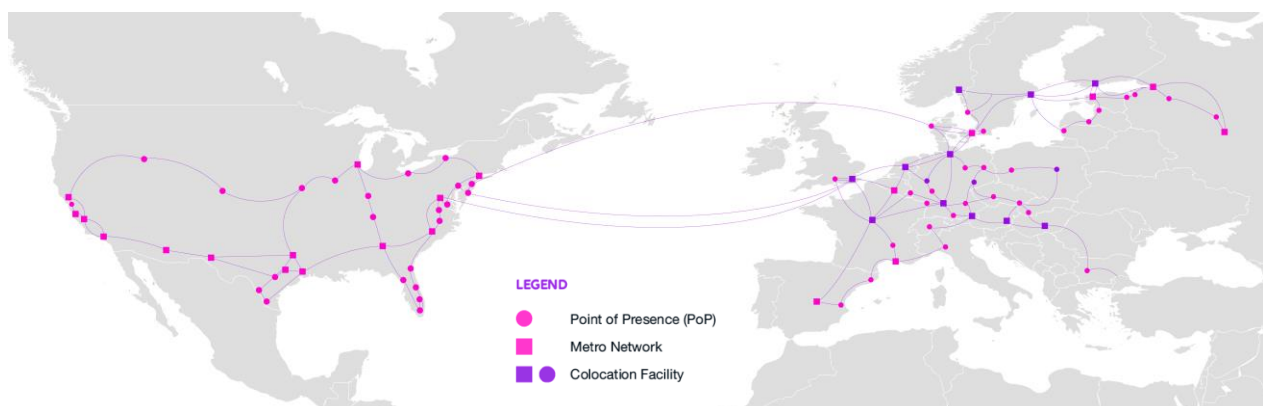
- Build MPLS networks
- Expand existing networks
- Connect data centers
- Build peering networks
- Connect customers and services on a large scale

Quality in our DNA

We proactively monitor our backbone to prevent potential problems before they occur. But if anything does go wrong, we're on call 24 hours a day to solve any problems, in 24 languages.

Service Assurance has the highest priority at Telia Carrier. Our 24/7 NOC is situated securely 36 meters underground and is well staffed with highly skilled engineers. They are supported with experienced 2nd and 3rd line support as well as resources in the field. We continue a proud Swedish heritage of engineering excellence.

The backbone of your business



Make your longest link your strongest link

Configure your own high-capacity backbone with dedicated wavelengths

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Interfaces

Bandwidth	Port Interface
1 Gbps	1000Base-TX - up to 100m - electrical RJ-45 1000Base-LX - up to 10 km - single mode 1000Base-ZX - up to 70 km - single mode
2.5 Gbps	S-16.1 - up to 15 km - single mode L-16.1 - up to 40 km - single mode P1S1-1D1 - up to 15 km - single mode P1L1-1D1 - up to 40 km - single mode
10 Gbps	I-64.1 - up to 10 km - single mode S-64.2 - up to 40 km - single mode 10GBase-LR - up to 10 km - single mode 10GBase-ER - up to 40 km - single mode 10GBase-ZR - up to 80 km - single mode 10GBase-LW - up to 10 km - single mode 10GBase-EW - up to 40 km - single mode 10GBase-ZW - up to 80 km - single mode OTU2 P1I1-2D1 - up to 2 km - single mode OTU2 P1L1-2D2b - up to 40 km - single mode OTU2 P1L1-2D2 - up to 80 km - single mode OTU2e P1I1-2D1 - up to 2 km - single mode OTU2e P1L1-2D2b - up to 40 km - single mode OTU2e P1L1-2D2 - up to 80 km - single mode
40 Gbps	VSR2000-3R2 - up to 2 km - single mode 40GBase-LR4 - up to 10 km - single mode OTL 3.4 / C4S1-2D1 - up to 10 km - single mode
100 Gbps	100GBase-LR4 - up to 10 km - single mode 100GBase-ER4 - up to 40 km - single mode OTL4.4 4I1-9D1F - up to 10 km - single mode OTL4.4 4L1-9C1F - up to 40 km - single mode

Monitoring

Proactive 24/7/365
SPOC
Multilingual

About Telia Carrier

Telia Carrier owns and operates one of the world's most extensive fiber backbones. Its mission is to provide exceptional network infrastructure and services – empowering individuals, businesses and societies to execute their most critical activities. By working close to their customers, Telia Carrier makes big ideas happen at the speed of fiber. Discover more at <http://www.teliacarrier.com/>

Note: This document provides indicative overview information and is not contractually or legally binding.