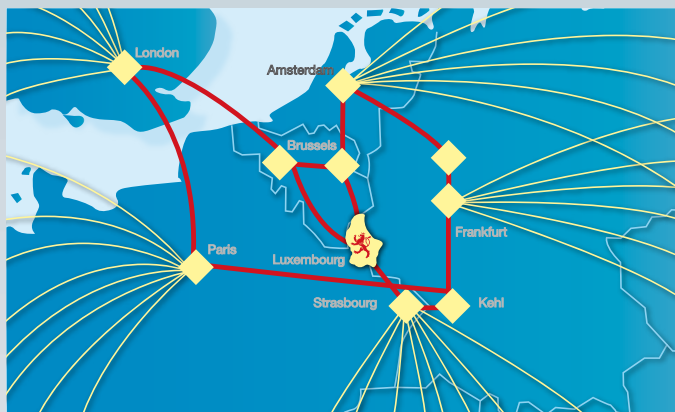


TERALINK

European Fibre Network

TERALINK is investing into tomorrow's infrastructure

P&TLuxembourg builds and operates one of the most innovative European IP-networks offering customers data and telecommunications solutions and services by providing connections to Europe's foremost telecommunication and carrier hotels.



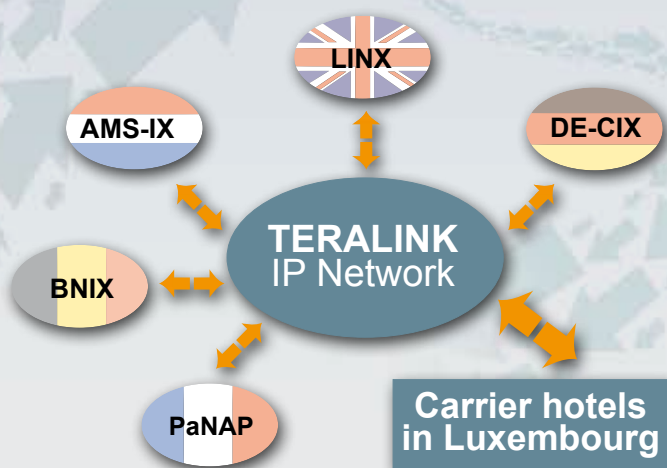
TERALINK infrastructure

- ✓ Trans-European Fibre Optic Network spanning more than 4000 km
- ✓ 12 Points of Presence (PoP) in 6 EU countries linking Amsterdam (NL), Brussels (B), London (GB), Paris (F), Strasbourg (F), Kehl (D), Frankfurt (D) and Luxembourg (L) by redundant fibre routes, running on different paths
- ✓ State-of-the-art technology :
 - ✓ Reconfigurable optical add-drop multiplexers (ROADM)
 - ✓ 40 Gbit/s ready
 - ✓ Up to 88 x 40 Gbit/s (3,5 Tbit/s)
 - ✓ TERALINK is one of the pioneers among European carriers applying this new technology

IP Capacity

- ✓ 6 major Layer 3 PoPs in Frankfurt, London, Amsterdam, Paris, Brussels and Luxembourg
- ✓ Multiple connections to various Tier 1 upstream providers and peering hubs in different locations
- ✓ Currently more than 40 Gbit/s upstream IP capacity
- ✓ Currently 400 peerings
- ✓ Completely redundant infrastructure

Europe's Central Peering Hub



Find out more

Contact us :

- ✓ on our number (+352) 4991-5888
- ✓ info@teralink.biz
- ✓ www.teralink.biz
- ✓ through your sales representative

TERALINK in Luxembourg



Why Luxembourg?

A highly strategic position in the heart of Europe between **BELGIUM, FRANCE and GERMANY.**

- ✓ A neutral place
- ✓ A very welcoming and safe country
- ✓ A financially healthy country
- ✓ Least risky place to do business
- ✓ A skilled multilingual workforce
- ✓ Excellent infrastructure
- ✓ Top level financial and multinational IT clusters
- ✓ A good logistics network
- ✓ Flexible and welcoming authorities
- ✓ An attractive lifestyle



Bundling Telecoms and Financial Advantages in Luxembourg

- ✓ TERALINK available in all carrier hotels and data centres in Luxembourg
- ✓ Multiple fibre routes connecting Luxembourg to the outside world
- ✓ Economical and reliable connectivity throughout Europe available from P&TLuxembourg
- ✓ Easy and pragmatic collaboration with the Luxembourg authorities

- ✓ VAT rates in Europe vary from 15% to 25%, but Luxembourg enjoys the lowest VAT rates in the EU (15% in general, down to 3% on point-to-multipoint audio and video broadcast services) which gives a competitive edge
- ✓ Non-EU Enterprises offering electronic services (B2C) within the EU need to register and account for EU VAT (EC VAT directive 2002/38/EC as of 07 MAY 2002)
- ✓ Companies to be regarded as established in the EU need to prove a certain **minimum size** of the place of business and both **human** and **technical resources** available **permanently** to supply the services

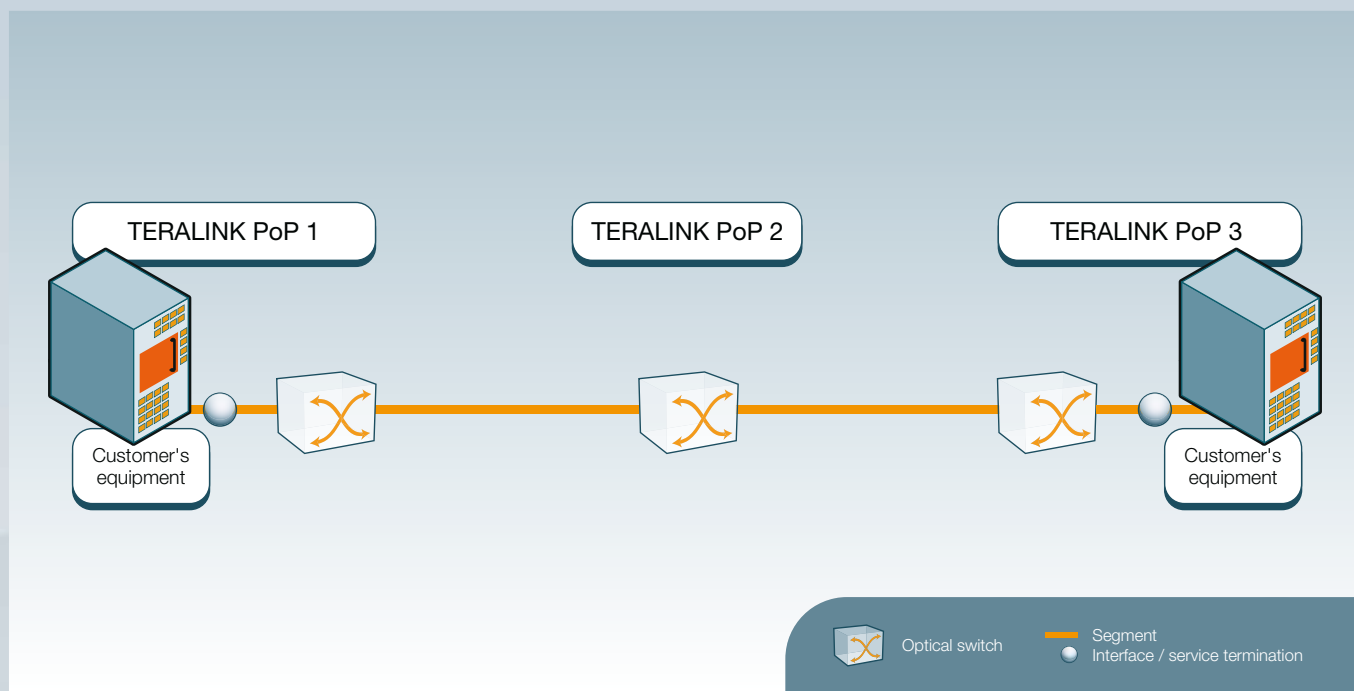
Find out more

Contact us :

- ✓ on our number (+352) 4991-5888
- ✓ info@teralink.biz
- ✓ www.teralink.biz
- ✓ through your sales representative

TERALINK Wavelength

TERALINK Wavelength is a dedicated transmission path allocated to the customer within TERALINK's own optical network. It defines a single point-to-point link between two termination points of the TERALINK network.



TERALINK Wavelength currently provides the following capacities :

- ✓ 1 Gbit/s (Ethernet)
- ✓ 2,5 Gbit/s (STM-16)
- ✓ 10 Gbit/s (Ethernet, STM-64)
- ✓ 40 Gbit/s (STM-256)

TERALINK Wavelength is provided as a backbone product between TERALINK Wavelength locations. Access to TERALINK Wavelength may either be direct, connecting the customer's equipment housed within the TERALINK data centres and access PoPs via the optical interfaces provided, or via an appropriate access line, subject to feasibility, from a local network operator.

Throughout Europe, TERALINK's network includes a large number of segments which can be combined to a customer-specific optical wavelength link to fulfil the individual needs of each customer.

Find out more

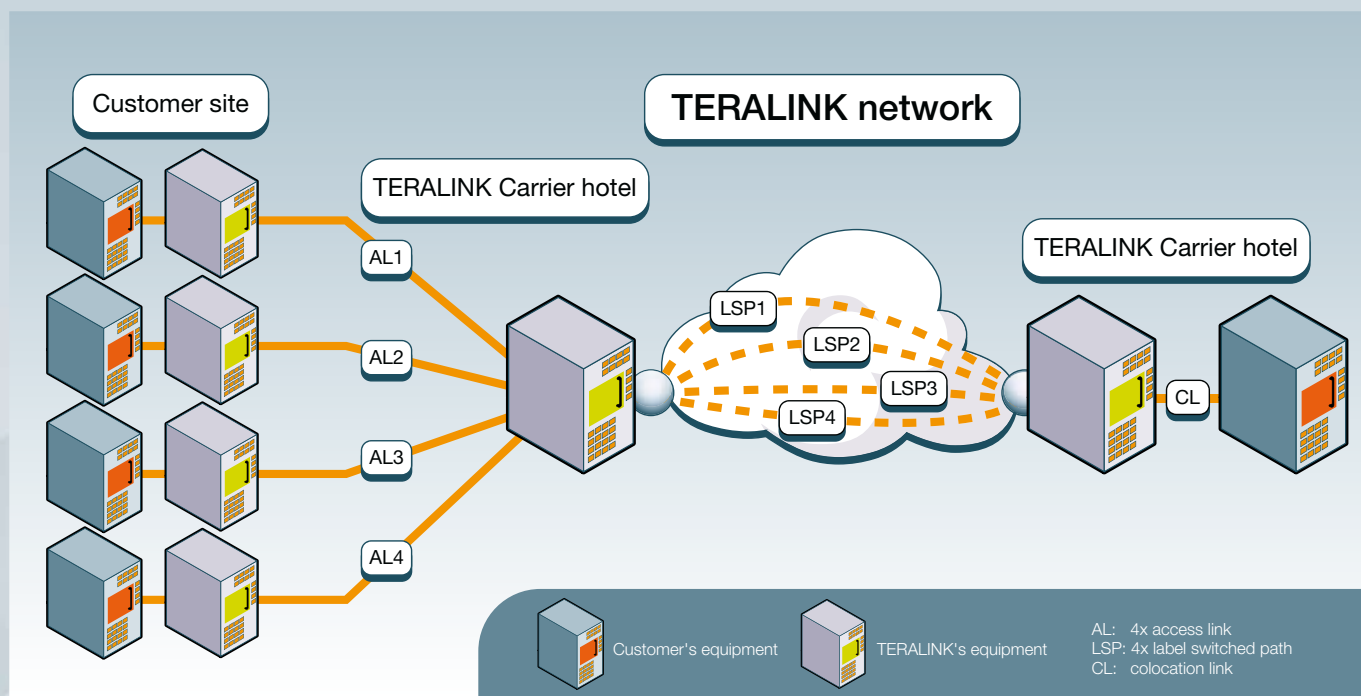
Contact us :

- ✓ on our number (+352) 4991-5888
- ✓ info@teralink.biz
- ✓ www.teralink.biz
- ✓ through your sales representative

TERALINK Virtual Link

The TERALINK Virtual Link provides a transparent data connection between different customer locations.

The service is offered as a point-to-point or a network solution. Using TERALINK Virtual Link, data networks from service providers and large corporations can be interconnected rapidly and economically.



Based on TERALINK's high quality IP/MPLS backbone the TERALINK Virtual Link delivers connections with a capacity ranging from 100 Mbit/s to multiple Gbit/s between numerous cities throughout Europe. It consists of protocol transparent point-to-point and multipoint Ethernet connectivity with dedicated virtual channels for each customer.

TERALINK Virtual Link currently covers the following bandwidths :

- ✓ 100 Mbit/s – 1 Gbit/s (on Gigabit Ethernet interfaces)
- ✓ 1 Gbit/s – 10 Gbit/s (on 10Gigabit Ethernet interfaces)

TERALINK Virtual Link is available in TERALINK data centres and access PoPs and can also be supplied at the customer's own site via an appropriate access line, subject to feasibility, from a local network operator.

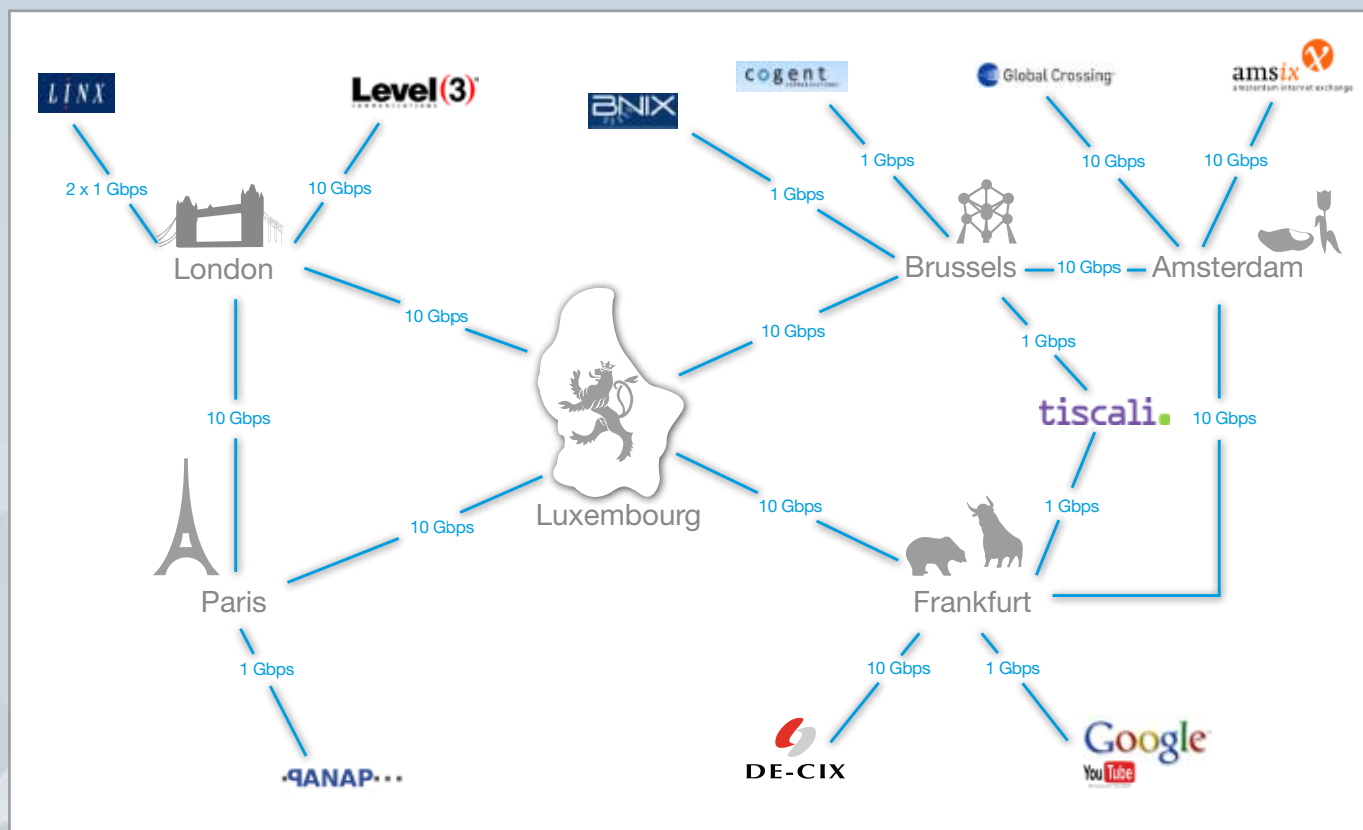
Find out more

Contact us :

- ✓ on our number (+352) 4991-5888
- ✓ info@teralink.biz
- ✓ www.teralink.biz
- ✓ through your sales representative

TERALINK Global IP Transit

The TERALINK Global IP Transit enables the customer to transmit to and receive IP packets from the global Internet. It is a broadband, carrier level quality Tier 2 Internet transit service used for peer-to-peer data transmission and access to the Internet.



TERALINK Global IP Transit allows for access bandwidths ranging from 100 Mbit/s to multiple Gbit/s offering customers a flexible, inexpensive and high quality Internet Transit service. The customer can either choose the flat fee billing approach or opt for the usage based billing system where he commits to a minimum bandwidth and pays an additional fee for traffic exceeding this limit.

The global TERALINK network contains all of TERALINK's national and international PoPs and connections and also covers major Internet Exchange (IX) points in Europe where public peerings are established with the most important carriers, ISPs and xSPs. TERALINK has also established multiple private peerings.

TERALINK Global IP Transit is currently available with the following bandwidths :

- ✓ 100 Mbit/s – 1 Gbit/s (on Gigabit Ethernet interfaces), flat fee or usage based billing (95th percentile)
- ✓ 1 Gbit/s – 10 Gbit/s (on 10Gigabit Ethernet interfaces), flat fee or usage based billing (95th percentile)

Find out more

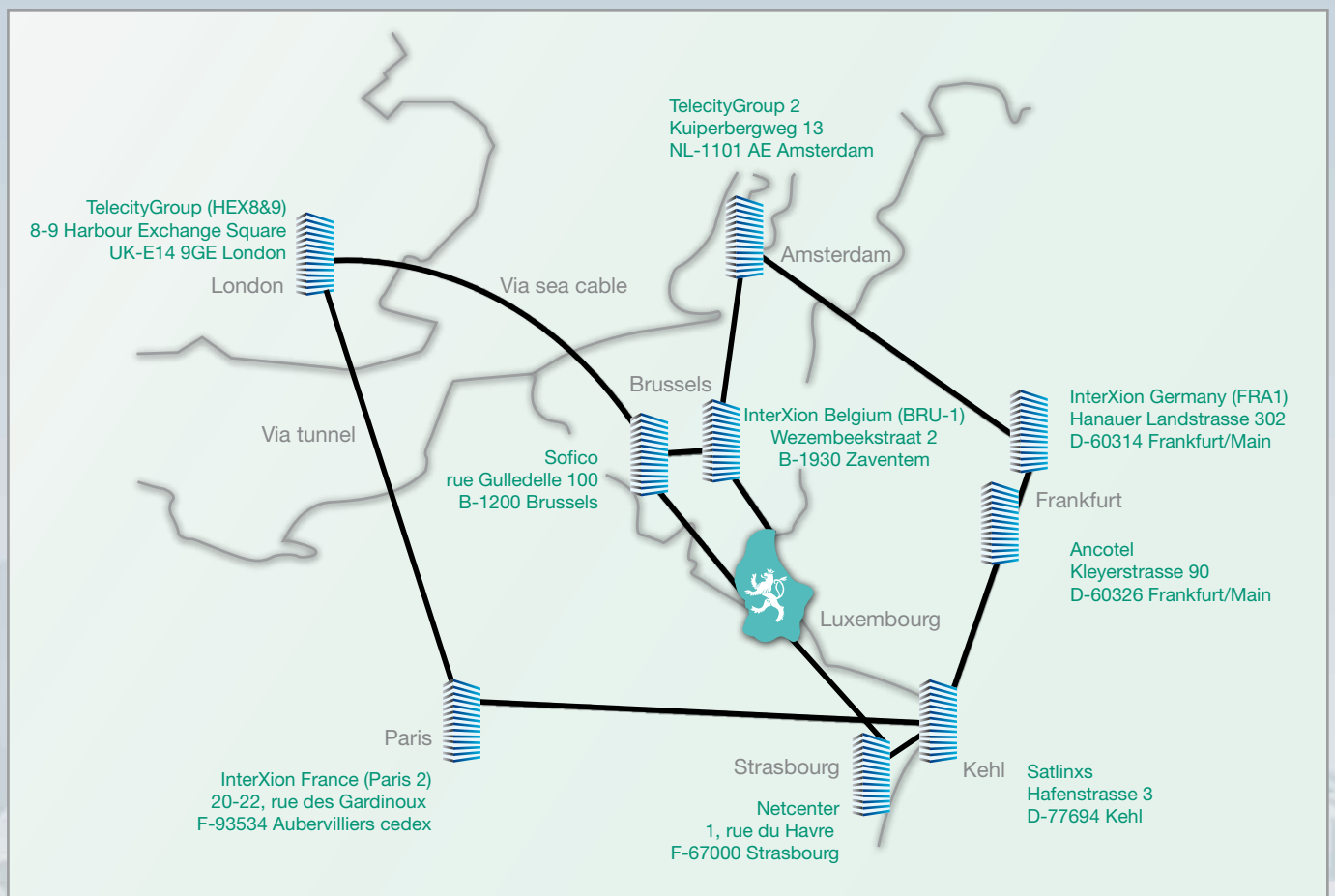
Contact us :

- ✓ on our number (+352) 4991-5888
- ✓ info@teralink.biz
- ✓ www.teralink.biz
- ✓ through your sales representative

TERALINK

TERALINK data centres in Europe.

12 Points of Presence in 6 EU countries by redundant fibre routes.



TERALINK

TERALINK data centres in Luxembourg. All carrier hotels and data centres are connected to TERALINK by redundant fibre routes.

