



International Private Line

End-to-end network reliability

International businesses need to achieve unparalleled levels of communication between their resources in different countries. Virtual teams with members from across the world need to be able to work together as if they were in the same room. Audio and video conferencing combine with media-rich collaboration and information sharing tools. But business performance for the virtual team depends on high-speed, reliable and affordable networks. Our International Private Line delivers on all counts.

- Dedicated bandwidth
- High-performance point-to-point international connectivity
- Easily scalable to changing business needs
- Standby capacity delivers total reliability
- Global connectivity through sea cables and partnerships
- Simple and cost-effective engagement: one contract - one contact
- Dedicated circuits ensure complete security
- Managed end-to-end

The KPN International Private Line service provides point-to-point connectivity between business sites anywhere in the world. It is particularly suited to organizations needing to satisfy high internal network traffic requirements but without making capital investments in network capacity.

This dedicated transport service carries all corporate data and voice traffic with assured availability and quality. The service can be used to interconnect multiple company sites located anywhere in the world. It offers transmission speeds from 2048 Kbps up to and including 2.5Gbps (concatenated).

Our International Private Line service uses the extensive KPN International network infrastructure. This optical fiber, high-capacity backbone offers maximum reliability and quality of service, right across Europe and beyond.

Partnerships with the leading players on other continents and ownership in inter-continental and submarine cable routes deliver genuine worldwide connectivity for all your international operations. Transatlantic performance and connectivity, for example,

are assured by a permanent link to the USA via the high-capacity TAT-14 sea cable.

We built our European fiber network using DWDM and SDH technologies to deliver capacity up to 100 Gbit/s. Our customers experience one end-to-end network, state-of-the-art technology and outstanding performance. We guarantee service availability and make it easy for our clients to scale their own dedicated capacity. International Private Line services are secure and are offered at keenly competitive prices.

We can deliver International Private Line services with or without local access, according to client preference. The service is fully managed, with availability guaranteed up to 99.999%, subject to local access inclusion.

Because the KPN International service portfolio includes both Wavelength and Dark Fiber, it is simple for our clients to upgrade to higher bandwidths. When location-to-location network connectivity is critical to your business, our International Private Line delivers quality of service and security at the same time.



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Service Specifications

Service available from _____ Over 60 PoPs in: Austria, Belgium, China, Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland, Turkey, United Kingdom, USA.

Worldwide connectivity assured through ownership stake in intercontinental and submarine cable routes. Plus extensive bilateral agreements with leading operators on other continents and global partnerships.

Network statistics	Available bandwidth	Customer interface	Technical characteristics
	2048 Kbit/s (E1)	G.703	75 Ω coax or 120 Ω RJ45
	34 Mbit/s (E3)	G.703	75 Ω coax
	45 Mbit/s (T3)	G.703	75 Ω coax
	155 Mbit/s (STM-1)	G.703 (electrical)	75 Ω coax
	155 Mbit/s (STM-1)	G.957 (optical)	1310 nm short haul, single mode
	622 Mbit/s (STM-4, VC4-4)	G.957 (optical)	1310 nm short haul, single mode
	622 Mbit/s (STM-4, VC4-4c)	G.957 (optical)	1310 nm short haul, single mode
	2.5 Gbit/s (STM-16, VC4-16)	G.957 (optical)	1310 nm short haul, single mode
	2.5 Gbit/s (STM-16, VC4-16c)	G.957 (optical)	1310 nm short haul, single mode

Service availability guarantees	PoP-to-PoP	End-to-End Protected Leased Line	End-to-End Standard Leased Line	Half Circuit
On footprint	99.999%	99.95%	99.80%	n/a
Outside footprint	n/a	99.80%	99.40%	Best effort

Network management _____ Monitoring 24/7

Customer care _____ Dedicated customer care 24/7

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