



Swisscom Opticallink Services (SOS)

Highly reliable when transferring complex data

It is a challenge for any company when it comes to choosing data centres and servers networking. This is even more so the case when data security and data transfer have the highest priority. Opticallink Services from Swisscom provides a solution which transfers data on an optical basis. Thus, the transmission of complex data using different transmission technologies and high bandwidths is guaranteed with the highest degree of reliability.

What is Opticallink Services?

Opticallink Services is a data transfer service in the gigabit range which is suitable for complex requirements. Data for various applications in the areas of LAN service, data centre, switched data service and synchronous transmission service are easily transmitted. A full throughput gigabit ethernet channel makes it possible to provide time-critical data in your company networks throughout Switzerland. Opticallink Services is constantly monitored and administered end-to-end by the Swisscom Customer Service Center.

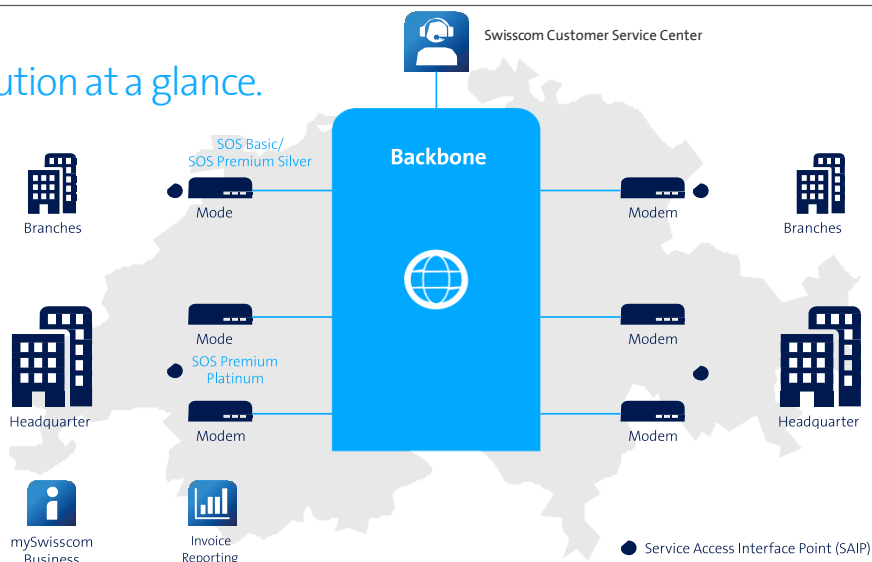
Your benefits

Opticallink Services

- > enables data transfer in the gigabit range
- > is able to adapt the bandwidth to your requirements
- > ensured availability from 99.95% to 99.99%
- > sends you availability reporting via extranet (monthly & annual reports)
- > provides you with a longterm e2e solution and the support to go with it
- > allows you to benefit from the highest network quality and highest reliability
- > supports various applications (SAN, LAN, WAN)
- > ensures end-to-end monitoring and administration by the Swisscom Customer Service Center
- > guarantees maximum availability and support around the clock

Ensure your company remains successful with data centres and server connections from Opticallink Services.

The solution at a glance.



Facts & Figures

Opticallink Services – in detail

Applications

Applications	Standard service	Effective bandwidth	Standard interface
SAN	Fibre Channel 800 (8.500 Gbit/s)	6.400 Gbit/s ¹	850 nm MMF, 1310 nm SMF
	Fiber Channel 1600 (14,025 Gbit/s)	12,800 Gbit/s ¹	850 nm MMF, 1310 nm SMF
LAN/WAN	1 Gigabit Ethernet (1.250 Gbit/s)	1 Gbit/s	Electric (Cat5 RJ45), 850 nm MMF, 1310 nm SMF
	10 Gigabit Ethernet (10.312 Gbit/s)	10 Gbit/s	850 nm MMF, 1310 nm SMF
	100 Gigabit Ethernet (103.125 Gbit/s)	100 Gbit/s	850 nm MMF, 1310 nm SMF

¹ Maximum theoretical bandwidth according to FC standard. depending on the latency (using the line distance) and the device configuration at the customer (buffer credits, etc.)

Service features

Distance limit	Unlimited in Switzerland
Basic service level	99.90%. Not ensured. No reporting
Premium service level	Ensured end-to-end availability. Service is proactively monitored by Swisscom. Monthly service availability reports with downtimes as well as final annual service availability reports.
	Silver service level: 99.95%.
	Platinum service level: 99.99%. Circuit protection; 2 parallel independent circuits.
Support time	Basic: Mon.-Fri. 07.00-18.00 / Premium: Mon.-Sun. 00.00-24.00. 24 hours a day
Service desk	24 hours a day / 365 days a year
Reimbursement	Reimbursement provision for non-fulfilment of service availability values for premium service level

Definitions

3R	Reamplifying reshaping retiming
CWDM	Coarse wavelength division multiplex
DWDM	Dense wavelength division multiplex
LAN	Local area network
MMF	Multi-mode fibre
SAN	Storage area network
SMF	Single-mode fibre
NEWTON	Next Evolution Wavelength Transport Optical Network
SONATE	Swisscom Optical Network for all IP Transport Services
WAN	Wide area network

Facts & Figures

Enter the digital future with Swisscom

Visionary companies use the possibilities of digitisation to reinvent the future. With numerous innovations, Swisscom is opening up new areas of business. We see it as our responsibility to help you maximise the benefits of digitisation.

We will provide you with the best network infrastructure, secure data storage, reliable project management, successful implementation and numerous innovative solutions.

Welcome to the country of possibilities.

You can find more information and our expert's contact details at [link](#)