Dedicated fibre-optic connections – for maximum availability

Maximum flexibility and independence for data transmission with ewz.fiber

ewz

The dedicated fibre-optic connection for your company

Dedicated fibre optics – i.e. a connection used exclusively by you – offer maximum availability and a high degree of flexibility and independence for data transport. This makes ewz.fiber the perfect solution for all companies that want to operate their own data networks.
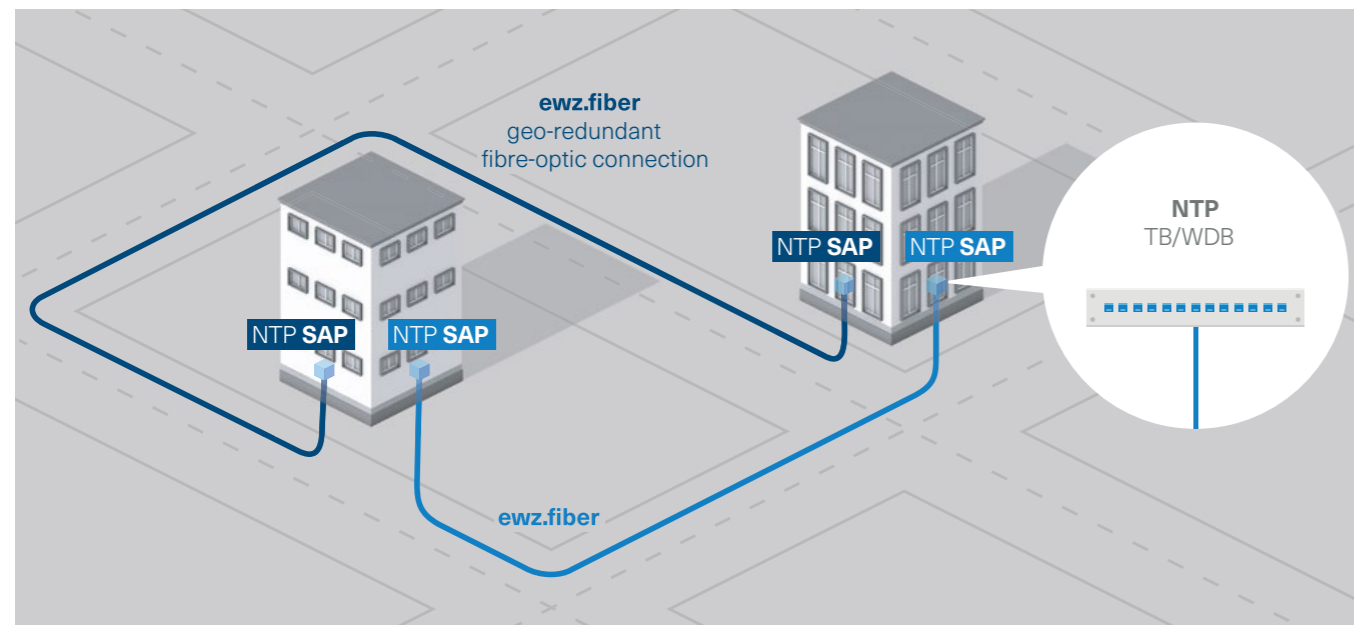
With ewz.fiber you rent a passive fibre-optic service with a high-availability, continuous point-to-point fibre-optic connection (dark fibre). You operate the data network yourself and determine the network technology, protocols, bandwidth and security at your own discretion. Cables containing up to 432 fibres are used in the ewz backbone, which runs inside ewz concrete blocks. ewz.fiber uses the standard single-mode fibre G.652/G.657.

Connect your company locations with data centres via our highly efficient fibre-optic infrastructure. With our high-availability data connections, you're going for the technology of the future.

Extensive reach thanks to connections to data centres in and around Zurich

Benefit from our direct connections to reputable data centres in and around Zurich

Exclusive networking of your sites

Date centre (selection)	Location	
ColoZüri	Badenerstrasse 569	8048 Zurich
Colt	Badenerstrasse 820	8048 Zurich
Equinix ZH2	Josefstrasse 225 (3rd floor)	8005 Zurich
Equinix ZH4	Josefstrasse 225 (4th floor)	8005 Zurich
Equinix ZH5	Allmendstrasse 13	8102 Oberengstringen
e-shelter	Hofwisenstrasse 56	8153 Rümlang
IBM Data Center	Balz-Zimmermann-Strasse 7	8302 Kloten
interxion	Sägereistrasse 35	8152 Glattbrugg
OIZ Albisrieden	Albisriederstrasse 201	8047 Zurich
OIZ Hagenholz	Hagenholzstrasse 112	8052 Zurich

We set up connections to additional data centres in Switzerland on request. We'd be happy to provide more information in person.

SAP	Service access point	▬	Fibre-optic connection 1
NTP	Network termination point	▬	Fibre-optic connection 2
TB	Terminal box		(for geo-redundancy)
WDB	Wall-mounted distribution board		

With ewz.fiber you're choosing maximum flexibility.
Along with many other benefits.

Reliability without compromise
- The fibre optics are laid in the concrete blocks used for ewz's power cables (at a depth of 60 to 120 cm or deeper).
- Closed pipe systems offer optimal protection against rodents, root entanglement and water erosion.
- We document every fibre-optic connection in precise detail.

Availability and stability
- Thanks to our first-class infrastructure, you benefit from high availability in line with your SLA.
- To further maximise availability, ewz.fiber is also available as a geo-redundant fibre-optic connection.
- Being a company of the city of Zurich makes us a safe, reliable partner in every respect – now and into the future.

From planning through to operation
- Your fibre-optic connection is planned, installed and operated by our experts – right through to the service access points at your sites.
- Before we hand the fibre-optic connection over to you, we perform an end-to-end final measurement (effective cable length and attenuation values).
- We provide you with the detailed cable plans on request.
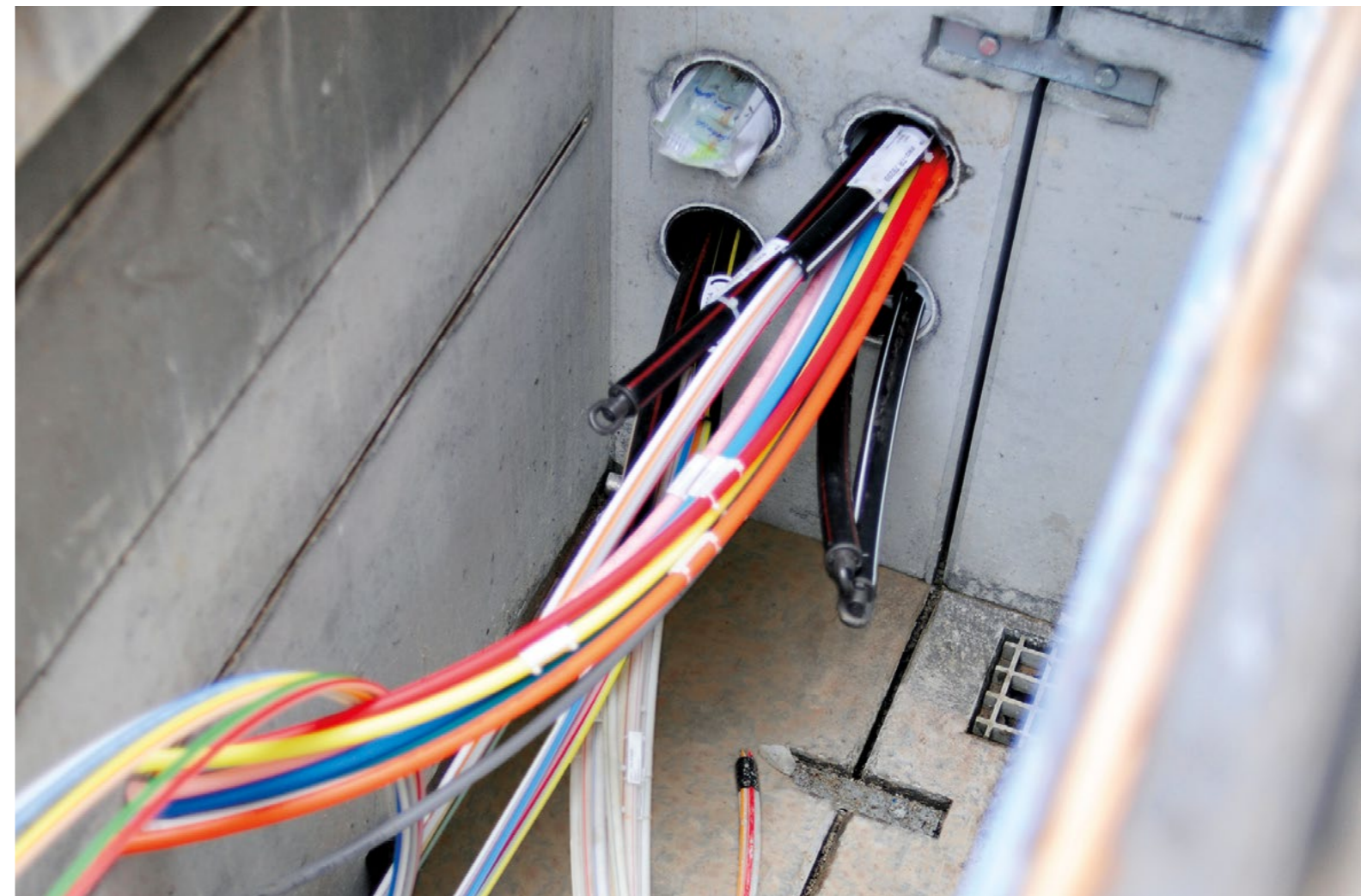
Made-to-measure networking
- ewz's high-quality fibre-optic infrastructure is being continually expanded.
- Within the city of Zurich we can connect any site with the ewz infrastructure; including redundancy on request.
- On a national level we connect company locations with data centres.

More than 20 years' experience in fibre-optic technology, our own backbone – safely embedded deep within the concrete blocks used for ewz power cables – and excellent maintenance with our own 24-hour on-call service: these factors guarantee maximum reliability in the operation of your dedicated fibre-optic connection. The availability complies with the SLA type chosen by you.

Service level agreement (SLA)
The type of SLA specifies the maximum service downtime (SDT) and the corresponding availability within the terms of the SLA

SLA type	Basic	Silver
Fault response time	24/7	24/7
Fault detection	reactive	reactive
Support time (troubleshooting)	5 × 9 hrs	7 × 24 hrs
Response time	30 mins	30 mins
Availability	99.90%	99.93%
Maximum service downtime (SDT)	10 hrs	6 hrs

We'd be delighted to advise you on our dedicated fibre-optic products and prepare a custom quote for you. We look forward to hearing from you.

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