



With Telehousing metro, you can operate your own IT in a highly available, secure Swisscom environment. Your own specialist employees and resources can focus on your core business.

**The secure home for your hardware. Our shared rackrooms reduce your investment and operational costs. You will be using a professional data centre that's designed to meet your requirements.**

**What is Telehousing metro?**

Telehousing metro provides protected, air-conditioned colocation server rooms for your hardware in a secure Swisscom data centre. We have eight data centres at your disposal throughout Switzerland.

- Security features such as protection from fire and unauthorised access.
- Uninterruptible power supply secured by an emergency power supply.
- High-availability cooling system.

**Your benefits with Telehousing metro**

- **Secure data environment**  
You receive a lockable rack in a shared room, which is constructed as a separate fire area and equipped with modern firefighting equipment.
- **Intruder protection**  
The server room is protected from unauthorised access using electronic and biometric systems.
- **Doubly protected control system**  
The energy and communication channels, as well as the air conditioning system, are conducted redundantly (2-way).
- **Monitoring**  
The Swisscom data centre is monitored around the clock (24/7).
- **Cost savings**  
You save money because you do not have to pay for premises or personnel.
- **Low-risk**  
Thanks the tried and tested Swisscom data centre, you enjoy optimal investment protection (long-term contracts).



*The above image shows the inside of an air-conditioned Swisscom server room in Zurich Herdern.*



## Facts & Figures



### Basic services

#### Standard rack

Lockable rack 800 × 1000/1200, 46 height units (½ rack with 20 height units).

#### Power supply

- Server rooms connected via two separate electric circuits (A+B).
- Each rack has A and B feeds, each with one 16A fuse and extension cable with 8 type-23 sockets and energy density up to 4kW (2kW per ½ rack).
- Uninterruptible power supply (UPS) with N+1 redundancy and additionally secured with a diesel emergency generator.
- Power supply availability up to 99.995% (SLA).
- All electricity from 100% renewable energy sources.

#### Air conditioning

- Redundantly designed air conditioning system with high availability (SLA).
- Cold/warm air separation.
- Target air temperature of 24°C ± 4°C, relative humidity between 20% and 70%.

#### Fire protection

- Server rooms laid out as separate fire areas (F90) with fire alarm system and early warning system (high sensitivity).
- Automatic fire extinguishing system (Novec 1230) in the server rooms.

#### Security

- Access to the data centre and server rooms is secured at various points using electronic and biometric access systems.
- Recorded video surveillance.
- Intrusion monitoring with security staff alerts.

#### Building management system and monitoring

24/7 monitoring of energy supply, air conditioning and access systems by Swisscom control centre.

#### Telecommunications connection (WAN)

1- and 2-way connection of telecommunications services.

#### Availability

Zurich (two sites), Basel, Genf, Lausanne, Lugano, Bern (two sites).

#### Ready for occupancy

3 weeks



### Optional services

#### We can also help you with the following optional services

- Individual power distribution units (PDU)
- Different power inputs
- Higher energy density per rack
- LAN cabling between racks
- Remote services (Hands-On)

