

# Building connectivity

The prerequisite for smart building systems



Ein Unternehmen  
der Stadt Zürich

**ewz**

# Operating buildings efficiently and cost-effectively

Building connectivity forms the foundation for smart networking of building services systems and for monitoring and controlling them, even remotely. Solutions from ewz and its partners help owners of real estate throughout the city of Zurich make their properties more efficient and cost-effective to operate.

Offices, commercial space, residential buildings – ewz's modern fibre-optic infrastructure gives property owners in the entire city of Zurich a reliable access point for networking, controlling and monitoring their building systems.

The clever connectivity solutions from ewz and its partners offer you the full spectrum of options for turning your property into a smart building. Increased system efficiency reduces energy consumption, energy costs and carbon emissions. Constant, remote monitoring of systems improves security of supply by allowing you to detect and remedy problems faster.

As an owner, you can network building systems to make your property fit for current and future requirements, enhance user comfort, and increase the cost-effectiveness of your property.

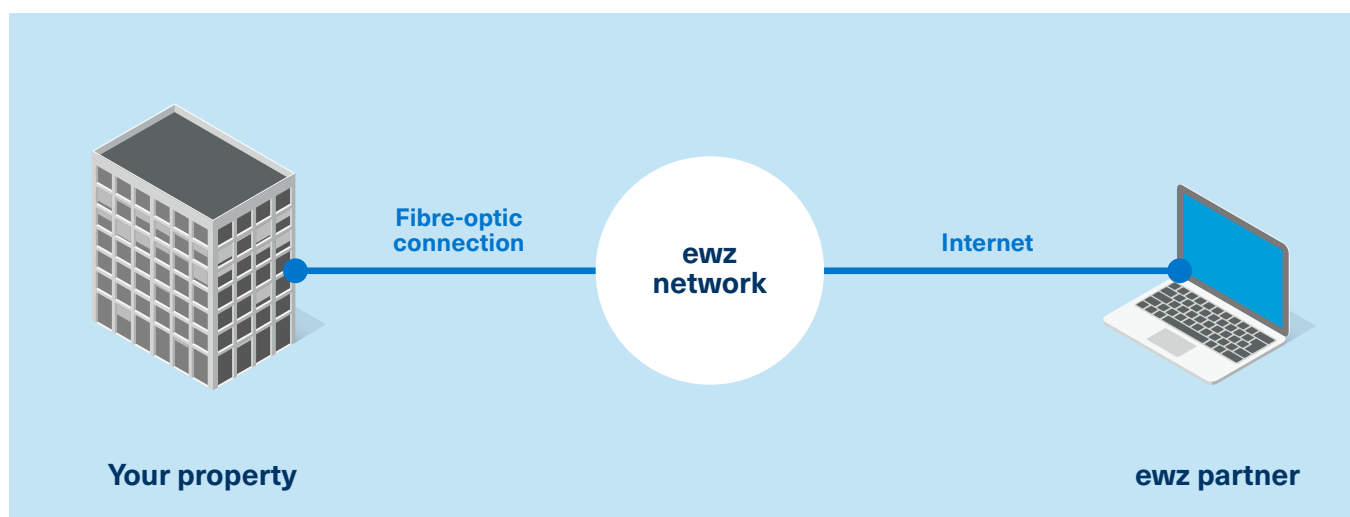


## **Building connectivity:** Giving your property the best connection

The building connectivity service uses modern fibre-optic infrastructure from ewz, which links to practically every property in Zurich.

A secured technical room on premises houses the building's connection, thus protecting it from unauthorised access. No structural modifications are necessary. The only precondition is that the property is connected to the city of Zurich's fibre-optic network.

Your ewz partners will take care of all installations in the building along with the provision and operation of services.



### **Good to know**

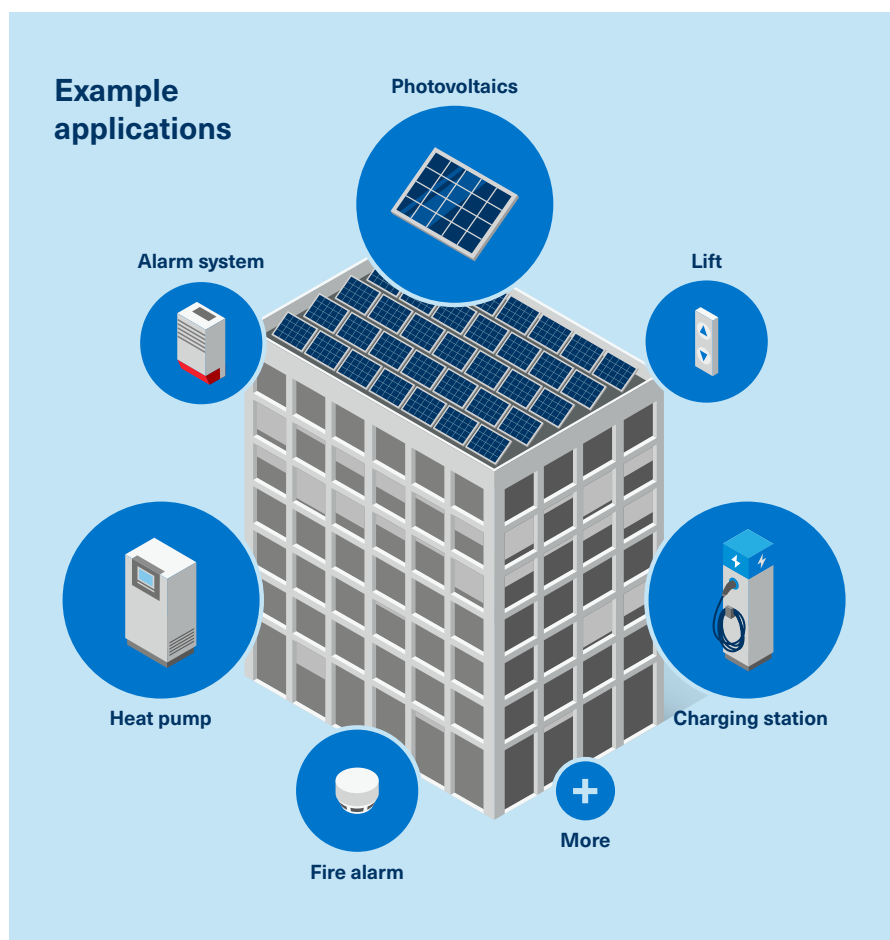
The technical room of a property is usually located in the basement. This means connection solutions based on wireless communication have technical disadvantages with respect to signal availability and quality of connection. A cable-based technical internet connection from ewz guarantees optimal connectivity, no matter where the building connection is located.

***With building connectivity from ewz, you have access to your technical building systems at any time, from anywhere. This makes the monitoring, control and optimisation of your systems simpler and more efficient – and increases user comfort.***



## Lay the groundwork for optimised building automation

Cable-based technical internet connection gives you the option of covering a broad range of use cases in building automation. From rooftop photovoltaic systems to underground car park EV charging stations, individual building systems are easy to connect, control, monitor and optimise. You can also access all relevant consumption data for the property at any time, no matter where you are.



### Other potential uses:

- Ventilation and humidity monitoring
- Security and access systems
- Lighting and shade
- Smart parcel lockers
- Monitoring and remote reading of important consumption values

Our partners are happy to advise you on the applications that are best suited to your property based on your individual conditions.

## The quick and easy journey to your smart building – with ewz partners

A building connectivity solution from ewz quickly and easily prepares your property to become a genuine smart building. You will not only optimise your consumption and the emissions of your property, you will also save money and increase user comfort in your building. To receive ewz building.connect, contact your ewz partner directly – they will be happy to answer any queries you have about building automation, potential applications, connections and installation.



Baumann Koelliker AG  
[www.baumann-koelliker-gruppe.ch](http://www.baumann-koelliker-gruppe.ch)



Elektro-Stählin AG  
[www.staehlin-ag.ch](http://www.staehlin-ag.ch)



Burkhalter Net Works  
[www.bnw.ch](http://www.bnw.ch)



MST Systemtechnik  
[www.mst.ch](http://www.mst.ch)

### Three good reasons for ewz connectivity solutions

- 1** ewz is a reliable, stable, future-ready partner of the city of Zurich – and has been for more than 125 years.
- 2** The ewz fibre-optic infrastructure covers practically every corner of Zurich and offers the ultimate in availability and reliability.
- 3** ewz knows Zurich inside and out – literally! It has a strong local presence and maintains a 24/7 support service in the event of network disruption.

## Greater comfort and security through building connectivity

Intelligent networking of building technical systems offers benefits for everyone – owners, operators, residents and the environment.

### Increased value and cost-efficiency

The installation of advanced digitalisation solutions increases property values and has a positive effect on ongoing costs.

### Security and system monitoring

Constant monitoring means you can quickly detect and remedy irregularities and disruptions in building services.

### Environment and transparency

Building automation makes consumption data transparent. This enables you to maximise energy efficiency, minimise carbon emissions, and make a significant contribution to climate protection.

### Comfort and satisfaction

Increased indoor air quality, pleasant temperatures and many other improvements ensure quality of life and result in greater user satisfaction.

## The key benefits of building connectivity at a glance

- 1 Networking buildings enables you to control and monitor your properties from anywhere.
- 2 With better supervision and an overall view based on real-time data, it's easy to achieve efficiency improvements in building systems.
- 3 Building connectivity reduces energy consumption, costs and emissions from properties in the long term and offers significantly greater user comfort.

## Would you like to find out more about building.connect?

Get in touch with our partners:



Baumann Koelliker AG  
[www.baumann-koelliker-gruppe.ch](http://www.baumann-koelliker-gruppe.ch)



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