



Zurich, Switzerland

# ZURO1

Reliable Capacity in Switzerland's Largest City

CAPACITY  
**10<sup>MW</sup>**

FACILITY SIZE  
**5,300<sup>SQM</sup>**

## Capacity in the financial, cultural, and industrial center of Switzerland

The largest city in Switzerland with a population of over 1.4 million people in its agglomeration, Zurich has an annual gross domestic product that comprises more than 20% of the country's GDP. Its strong economic stability and robust privacy laws make Zurich perfect for hyperscalers and large enterprises in search of land and power in a constrained data center market.

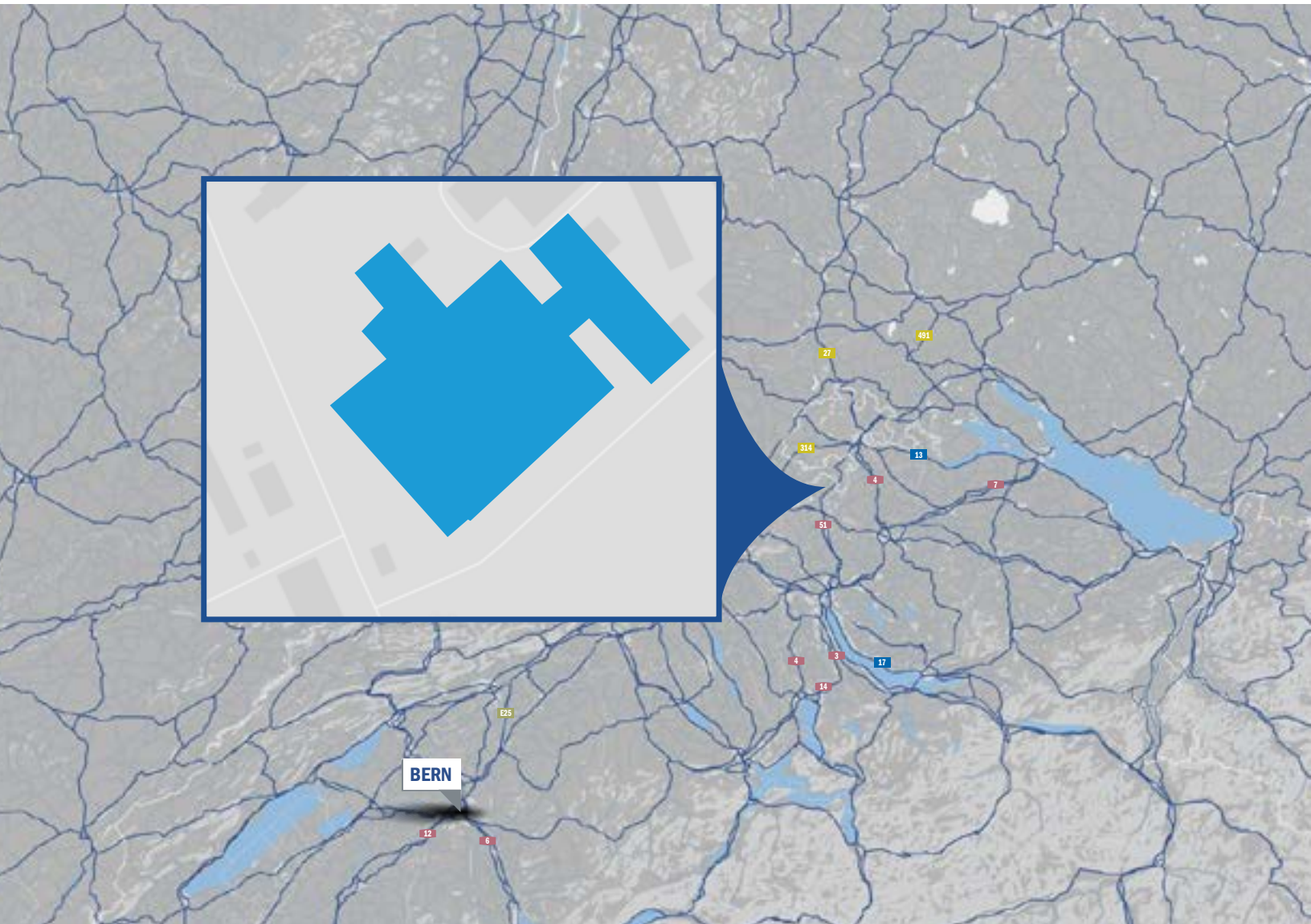
A hyperscale-specific design and the only data center in Switzerland powered by separate power generating sources, ZUR01 delivers hyper-redundancy from grid to data hall. The facility is unique in Switzerland in its ability to provide four data hall configurations, in terms of power and size, allowing hyperscalers and cloud providers to deploy their standardized densities and layouts.

**Central Location:** Access to the European Union in a power and land-constrained market that top technology innovators need.

**Right-Sized Capacity:** POWERSTACK shell capacity for maximum control and flexibility.

**Efficient Cooling:** Hot aisle containment, free-cooling, and aero-adiabatic cooling for an energy efficient and economical design.

**Reliable Redundancy:** The only Swiss data center powered by separate power generating sources to deliver hyper-redundancy from grid to data hall.



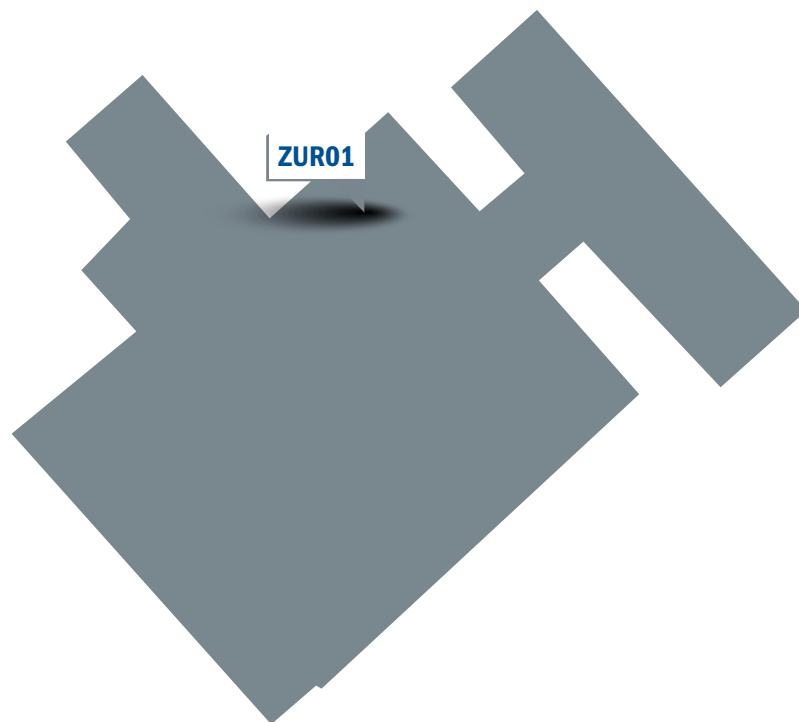
## Access land and power in Switzerland's largest city—the ultimate destination for hyperscalers and large enterprises.

### OPTIONS AVAILABLE

**POWER STACK**  
POWERED SHELL

#### **A flexible foundation.**

POWERSTACK powered shell solutions are customizable base buildings designed for rapid deployments of right-sized capacity on demand. They're fibre-provisioned, fit-out ready, and available fast.



## CAPACITY

### Facility Size

- 10,000 sqm (4x2.5k sqm)

### Total Capacity

- 10MW IT Load

### Deployments

- POWERSTACK™: Immediately available shell capacity

## COOLING & EFFICIENCY

### Cooling

- IACs for data hall cooling: N+1 - hot aisle containment
- Free cooling In operation when T° is < 15°C

### Chiller

- Cooling equipment with compressors, free-cooling and aero-adiabatic for ancillary

### Density

- 2.5 kW/sqm

### Electrical

- UPS distributed redundancy (4 to make 3) – XYZ for Telco requirements.
- UPS efficiency > 96%

### Water Storage

- 480 m3

## SAFETY & SECURITY

### Security

- Secure vehicle & pedestrian gates with proximity badge reader
- 2 secured loading docks
- Secure perimeter fencing + radar detection around the building
- Dual factor authentication - biometric access

### Fire Protection

- VESDA detection
- Sprinkler system (DH, loading and storage) suppression

## POWER & RELIABILITY

### Utility Service

- Dual power feed 20 MVA

### Electrical Redundancy (Generators / UPS)

- 13 Generators - 2250 kVA each
- 3 out of 4 distributed redundant power systems
- 16 No UPS
- Each UPS circa 1MVA. 5 x 200kW modules

### Fuel Storage

- N+1 circuits, pumps, tanks (daily, main) with 48 hours of autonomy

### Mechanical

- IACs for data hall cooling: N+1

### BMS Controls

- Client access to BMS portal

## CONSTRUCTION

- Exterior walls steel reinforced poured concrete; ground pilings
- Above 100 year flooding area

## CONNECTIVITY

### Diversity

- 2 Meet-Me-Rooms with 2 fiber entrances

### Carrier Availability

- Carrier neutral facility

### Cloud Access

- Available on request

### Roof Space

- Available for satellite dish

## AMENITIES

### Work Space

- Conference rooms and break rooms
- Complimentary WiFi
- Shared and dedicated office space

### Storage

- Shared and private storage

### Client Conveniences

- On-site showers, cafeteria
- Bicycle storage
- On-site parking & EV charging
- Staging area

## CERTIFICATIONS SUPPORTED

### ISO Compliance Planned in 2022

- ISO 9001
- ISO 14001
- ISO 27001
- ISO 45001
- ISO 50001
- ISAE 3402
- PCI/DSS Compliant

STACK provides digital infrastructure to scale the world's most innovative companies. With a client-first approach, STACK delivers a comprehensive suite of campus, build-to-suit, colocation, and powered shell solutions in the Americas, EMEA and APAC regions. With robust existing and flexible expansion capacity in the leading availability zones, STACK offers the scale and geographic reach that rapidly growing hyperscale and enterprise companies need. The world runs on data. And data runs on STACK.