



Avenches, Switzerland

# AVE01

Robust Power in One of the World's  
Most Advanced Free-Market Economies

CAPACITY  
**3<sup>MW</sup>**

FACILITY SIZE  
**2,100<sup>SQM</sup>**



The world runs on data. Data runs on STACK. | [sales-swiss@stackinfra.com](mailto:sales-swiss@stackinfra.com)

## Commissioned and Powered Shell Capacity near the Swiss Capital

Avenches is located near Bern, the political capital of Switzerland, a country with over 8.6 million inhabitants and one of the highest levels of per capita GDP in the world. Offering reliable, sustainable power for datacenters and protected by strong Swiss data privacy laws, Avenches is an attractive option for both hyperscalers and large enterprises.

AVE01 is one of Europe's most innovative and free air-only-cooled data centers. The site delivers significant operational power reductions, an ultra-low PUE value, and is powered by 100% renewable energy. Ideal for HPC, AI, and blockchain deployments, AVE01 can accommodate high rack densities of 25kW and up to 40kW per cabinet. AVE01 brings robust power and density to the capital of Switzerland, one of the world's most advanced free-market economies.

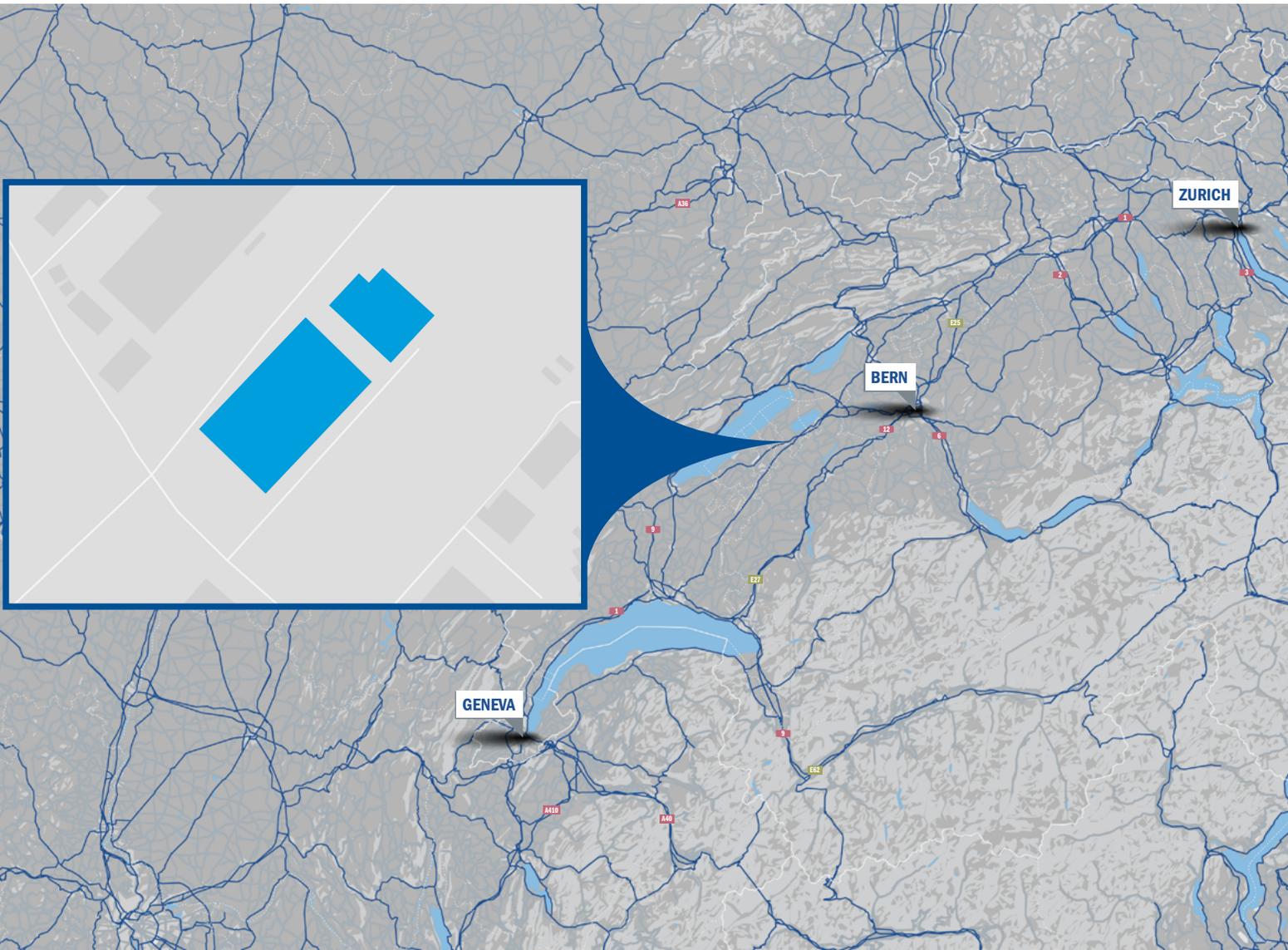
**Central Location:** Access to major international organizations and European Union's 450 million consumers.

**Right-Sized Capacity:** READYSTACK and POWERSTACK deployments for immediately available capacity and powered shell control.

**Comprehensive Connectivity:** Supported with two fiber entrances as a carrier neutral facility with low-latency connectivity.

**Flexible Density:** Ability to deploy rack densities up to 40kW to answer ever-growing customer demand for increased data storage and processing.

**Sustainability Focus:** Powered by 100% renewable energy and maintained with 100% adiabatic cooling to help support clients' sustainability goals.



## Expand your European data center footprint in one of the richest landlocked countries in the world.

### OPTIONS AVAILABLE

#### READY STACK COMMISSIONED CAPACITY

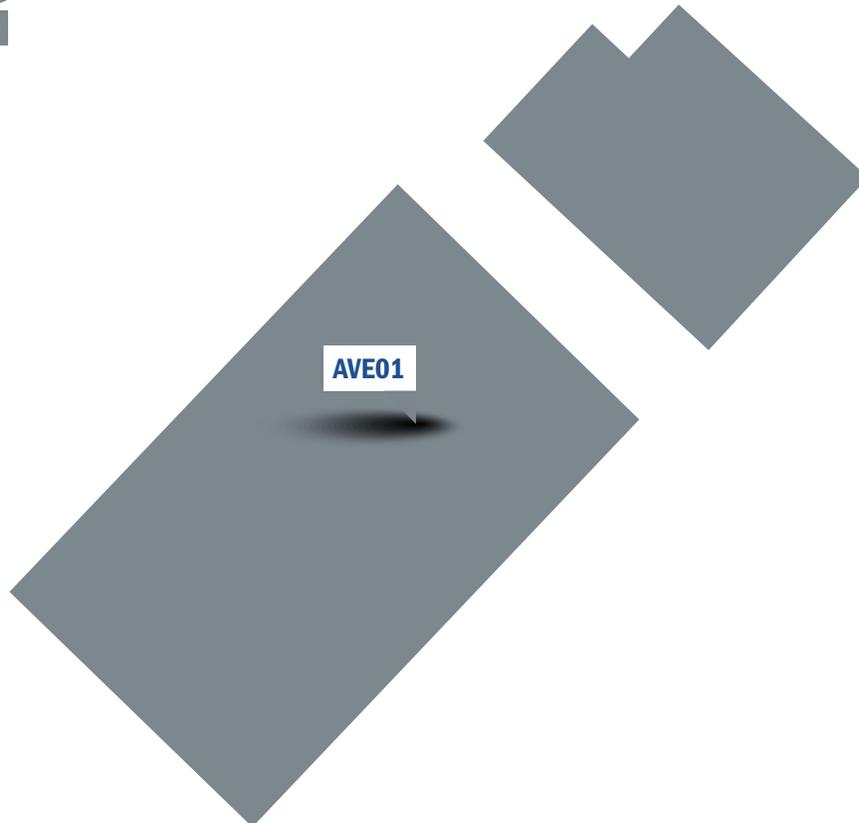
#### Plug in and go.

When you need capacity even faster, you need READYSTACK. These rack-ready data halls are purpose built for your immediate needs with pre-installed racks, connectivity and power. You bring the equipment. We've got everything else.

#### 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

### White Space

- 2,100 SQM

### IT Load

- 3MW

### Deployments

- POWERSTACK™: Immediately available shell capacity
- READYSTACK™: RackReady® data halls

## COOLING & EFFICIENCY

### Cooling

- 100% Adiabatic cooling with hot aisle extraction

### Density

- High density deployments supported in excess of 25 kW per cabinet (up to 40 kW)

### Electrical

- N+1 configuration

## SAFETY & SECURITY

### Security

- Secure vehicle & pedestrian gates with proximity badge reader
- Secure loading dock
- Secured perimeter fencing with CCTV system
- Dual-factor authentication and biometric access

### Fire Protection

- Dual smoke detection systems including VESDA
- Double inter-lock pre-action sprinkler systems

## POWER & RELIABILITY

### Utility Service

- Dual utility feed 3.6 MVA to site

### Electrical Redundancy (Generators / UPS)

- 3x2500kVA generators
- 6 X 1000 kVA UPS in N+1 configuration at branch level

### Fuel Storage

- Up to 72 hours of operation

### Mechanical

- Adiabatic cooling system supported by evaporative coolers

### BMS Controls

- Client access to BMS portal

## CONSTRUCTION

- Hardened Exterior
- Above 500 year flood plain

## CONNECTIVITY

### Diversity

- 1 MMR with 2 fiber entrances

### Carrier Availability

- Carrier neutral facility

### Cloud Access

- Available on request

### Roof Space

- Available

## AMENITIES

### Work Space

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

### Storage

- Shared and private storage

### Client Conveniences

- Showers
- Bicycle storage
- On-site parking & EV charging
- Staging area

## CERTIFICATIONS SUPPORTED

### ISO Compliance

- ISO 9001
- ISO 14001
- ISO 27001