

AVENCHES, SWITZERLAND



THE AVENCHES DATA CENTRE

**3 MW Critical Power, PUE 1.15.
2,400 sqm Net Technical Space.**

Safe Host 3 (SH3) is one of Switzerland's most efficient data centres.

The data centre's design has focused on significant operational power reductions and achieves a low PUE value, making the site one of Europe's most innovative and complete free-air only cooled data centre.

Tenants can benefit from one of the lowest data centre OPEX values in Europe.

The facility has ample office accommodation, storage, parking, a tape library room, 2 POEs and a secured bunker.

A mechanical loading dock is provided road side, adjacent to a goods-loading bay. Major telecom operators are present at the site providing low latency international access.

The site is operational and ready for tenancy.



Chemin de l'Estivage

CH - 1580 Avenches, VD

TECHNICAL DATA

- **Site Power:** Dual feed 3.6 MVA to site
- **Critical Power:** 3 MW
- **Generators:** 3 x 2,500 kVA
- **Load Bank:** 2,000 kW
- **Number of Rack Positions:** 576
- **Net Technical Area:** 2,392 sqm
- **Power Distribution Annexe:** 1,107 sqm
- **Diesel Tanks:** 2 x 30,000 litres
- **Fibre:** 2 Fibre Points

SECURITY

Site security via perimeter security fencing, mounted CCTV cameras and biometric access control system.

GREEN ENERGY

Switzerland's renewable and sustainable energy is 95% of country production.

Office heating and electrical plant 'frost guard' provision is secured via the local municipality's district heating system.

POWER

- Dual feed 3.6 MVA to site
- 3 MW critical load supported by 6 x 1000 kVA UPS in N+1 configuration at branch level
- 1.5 kW power draw on net-technical space, 2,392 sqm area
- 3 x 2.5 MVA standby generators
- 2 x 30,000 litres fuel tanks providing 48h autonomy at full load

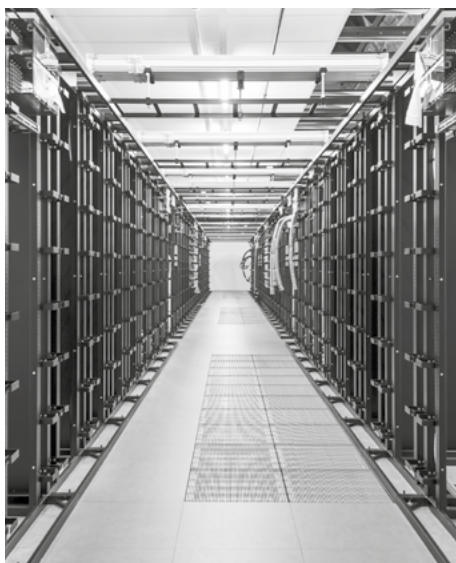
Data centre cooling uses captured rainwater to provide evaporative cooling during the region's highest summer temperatures.

COOLING

- Adiabatic cooling system supported by evaporative coolers.
- 16 x ICMs in N+1 configuration providing 3.5 MW of cooling capacity
- ASHRAE 2008 version ranges

CAPACITY MANAGEMENT AND SUPPORT

The service includes live power monitoring system, complete building management system as well as a 24/7 available ticket interface.



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