

Powered by solar & hydro green energy, our Swiss Data Centre is ready to reduce your cost, sustainably.



*“LEUK DATA CENTRE, Europe’s hidden gem, provides **super low-cost power** all sourced from green energy.”*

From onsite solar and local hydro power, this secure Swiss data centre can offer customers significant financial savings, with all low-cost power from green energy.

With a capability of 1000 + racks, power up to 45 KW per rack, with diverse low latency connectivity, LEUK can reduce your costs, sustainably.

LEUK’s Data Centre is wholly owned and managed facility and is ideal for **High Power Computing** and other applications. We welcome customers who want to start with a small number of racks and grow.

## 1. LEUK Colocation Zone



// Colocation and general Data Centre services

### Sample Pricing for 48U in Colocation Zone

Units	48
Rack Power Density	5KW
Included Power Consumption/month	1440KWh
Internet Access (shared):	1Gbps
Additional Power	0.29cents per KWh
<b>One time Cost</b>	<b>CHF 1,500.00</b>
<b>Monthly Recurring Cost</b>	<b>CHF 850.00</b>

### Optional Services for LEUK CoLocation Zone

- International Connectivity Services, fibre and satellite
- Dedicated Internet Access with or without geo-redundancy
- Smart & Remote Hands Services
- Density upgrade up to 10KW per rack
- Specific rack CCTV and Surveillance

## 2. LEUK Dedicated Zone



// High-Performance Computing

### Includes everything in Colocation Zone, plus:

- Power density of up to 45 KWh per rack
  - \* Ideal for large users to benefit from low cost, green power.
- Tailor made solutions available.
- Bespoke security, biometric, CCTV, caging etc.

## LEUK Data Centre Specification

<b>Cooling</b>	
Redundant cooling systems, hydraulically separated cold water circuits with “free cooling”	Latest N+1 generation, ambient air for “free cooling”
Convection cooling	Redundant 2N Convection Cooling
Cooling concept	Rear Door Heat Exchanger (RDHX) principle for maximum efficiency.
<b>Power</b>	
Facility Power Density	LEUK is a 4MW facility with the capability to add an additional 16MW if required
Emergency power supply	Multiple days of autonomous backup power and full backup with UPS (2N)
Diesel Generators	4 diesel generators (2N) with 320,000 litre diesel tank
Energy density, performance per rack	5.0KW/rack as standard, up to 45KW project-specific adjustments possible
<b>Connectivity</b>	
Fibre Routes	Diverse redundant fibres using multiple Tier 1 carriers, below 5 milliseconds Zurich & Geneva
<b>Security / Safety</b>	
Security Scope	4 - 6 security perimeters
Early detection system VESDA	✓
Gas extinguishing system for all rooms (multi-range system)	✓
Full video surveillance, turnstiles, biometrics, biometric access system	✓