



## CERN - Data center

Businesses : Digital solutions, Electrical, Firefighting, HVAC, IT & Telecommunications, Multitechnical maintenance  
Type of contract : Design-Build-Operate-Maintain



Data center

### Client Information



Client	CERN
Partnership	Groupement : Axima (mandataire), Ineo, Leon grosse (GC), Agapé (architecte)
Start date	2021
Amount	> 10M €

### Key figures

**4 MW IT**

**6 400 m<sup>2</sup>**

**1,1 PUE**

Power Usage Effectiveness



### Customer's challenges

- New computing center
- Building integration on the CERN campus
- Performance et resilience of the data center



### Our solutions

- Design build & maintenance over 10 years
- Cooling 16MW with N+1 redundancy
- Containment of servers in hot aisles with recirculation system
- Power supply of 18MVA with N+2 redundancy



### Customer's benefits

- A long term and evolutive partnership : 3 phases of 4 MW to reach 12MW
- A service provider committed to the safety of the site
- A safe and economical equipment