CUSTOMER REFERENCE

DATA-IT/2013/001

AEG Power Solutions ensures uninterruptable power supply in CERNs new data centre in Budapest

CERN, the European Organization for Nuclear Research and the world's leading laboratory for particle physics, and the Wigner Research Centre for Physics recently opened a new data centre in Budapest.
This facility hosts an extension for CERN computing resources and is connected to the main CERN site with dedicated and redundant 100 Gbit/s circuits. About 500 servers, 20,000 computing cores, and 5.5 Petabytes of storage are operational at the new site, which provides more than 18,000 units of usable rack space. To meet the demands for an Uninterruptible Power Supply (UPS), the contractors for the data centre turned to AEG Power Solutions and its new Protect Blue UPS.
The new data centre is remotely managed from CERN. It extends the capabilities of the Worldwide LHC Computing Grid, which stores, distributes and analyses more than 25 Petabytes of data generated each year by the Large Hadron Collider (LHC). It also improves CERN's infrastructure business continuity

CUSTOMER INFORMATION

Worldwide LHC Computing Grid

Designed by
EXTOR Elektronikai Kft / AEG Partner

(TECHNICAL) SPECIFICATIONS

Location	Hungary
Ground size	12,000 m²
Business	Data & IT
UPS	Protect Blue
Application	500 servers 200,000 CPUs 5.5 PB storage 18,000 U rack space