

PROJECT REFERENCE

DATA CENTER

FULL PROJECT DESIGN SERVICES



Client: Information und Technik NRW (formerly LDS – State Office for Data Processing and Statistics North-Rhine Westphalia)
Düsseldorf

Duration and Value: 2007 – 2010
Total construction value approx. 5.5 million €

Tasks:

- Design of a new power supply for the existing DC in a separate building
 1. Phases 1 – 4 Full project design (2007 – 2009)
 2. Phases 5 – 9 Project management (2009 – 2010)
 3. Phases 5 – 9 Building services engineering and design by our subsidiary PKA Karnasch

Services:

- Design services for HOAI phases 1 – 4
- Building design (800 m² power supply building)
- Design of power supply for UPS capacity up to 1.6 MVA

Highlights:

- Underground power supply building
- 2 x MV power supplies
- 2 x 1.6 MVA UPS systems
- LV power supply for 2000m² DC space
- Cooling through a combination of Turbocor chillers and cooling towers