

References – Major Projects

The **proRZ** philosophy

As independent consulting company **proRZ** disposes of a team of engineers, architects, technicians and business administration managers with more than 25 years experience and knowledge in the field of IT and building physics. With this professional know how we are able to provide our services for analysing, planning, building and operation of your server rooms and Data Centres.

The philosophy of our group of companies is to define individual, tailor-made solutions for our customers in the field of Data Centre environments.

We will support and assist you all around IT-availabilities, security and Data Centre infrastructure and this neutral and independent.

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Risk analysis

Concept

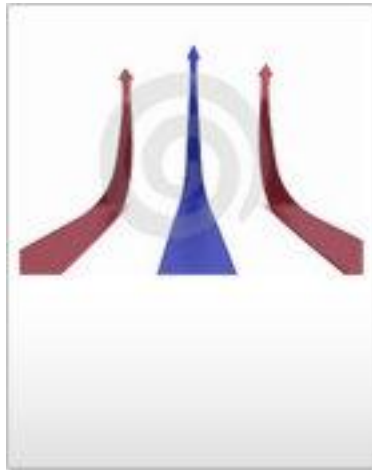
Planning

Project control

Prime
contractorship

Service

Our core competences



Consulting



**Prime
contractorship**



**Complete
solutions**

References

Airport Berlin Schönefeld
(New construction in an existing building)

Duration and Volume:

- 2010 / 2011
- Total volume of appr. 3,8 Mio. EUR

Services:

- Installation of a Data Centre
in an existing building, 300 m²

Highlights:

- Project evaluation within the scope of new construction planning
- Support in planning and projecting
- System solution



References

DFM / GKVI

(New construction in an existing building)

Duration and volume:

- 2007 / 2010
- Total volume of appr. 8 Mio. EUR

Services:

- GC & general planners
- Data Centre of 1.200 m² plus Technology of 800 m²

Highlights:

- Modular Data Centre
- Installation inside the existing building
- New construction inside the existing building within 9 months
- TÜV Level 3 certification



References

M-Net, Munich
(new construction in an existing building)

Duration and Volume:

- 2008
- Total volume of appr. 5 Mio. EUR

Performances:

- Modular Data Centre of 500 m² and Technology (modular) of 100 m²

Highlights:

- Modular Data Centre
- Installation within existing warehouse
- Support in preplanning
- Coordination of the various trades



References

Volkswahlbund, Dortmund
(new construction of a 140 m high-rise)

Duration and Volume:

- 2008 – 2010
- Total volume of appr. 2 Mio. EUR

Services:

- General planning for the complete
Data Centre's technical infrastructure
Service phase 1-9

Highlights:

- Construction according to Level 3 (TÜV IT)
- Installation of a technical building of 200 m² for power and cold supply
- Improved energy efficiency and electrotechnical supply



References

City Hall of Berlin Steglitz (Existing building)

Duration and volume:

- 2007 – 2008
- Fee volume of appr. 100.000 EUR
(Service phases 1-9)

Services:

- Creating a description of services for a new Data Centre
(200 m²)
- Quality assurance
- Conception and planning for upgrading the power supply of the Data Centre
surfaces

Highlights:

- New Data Centre in the existing building
- Cooling generation combined with free cooling – cooling machines
- Project monitoring during GC implementation of the complete new construction



References

Continentale Krankenversicherung, Dortmund (New construction inside the existing building)

Duration and volume:

- 2009
- Total volume of appr. 2 Mio. EUR

Services:

- Reconstruction of the running Data Centre operation
- Improved energy efficiency,
- Creating and implementing an air conditioning concept
- Renovation of fire protection
- Optimizing security-related Data Centre facilities
- Renovation of the existing machine room (500m²)

Highlights:

- Improved energy efficiency and overall availability of the Data Centre by replacing outdated supply technology
- Conversion of the entire cooling technology, electrical supply, security technology and the structural fire protection according to certification level TIER III
- Relocation planning of hardware and network technology



References

BfarM – Federal Institute of Drugs and Medical Devices, Bonn

Duration and volume:

- 2009
- Total volume of appr. 1.2 Mio. EUR

Services:

- General planning across all trades for the BLB NRW
- Optimizing the factor energy efficiency
- Optimizing the fire protection and security technology for the new Data Centre
- Improved energy supply including the emergency power supply
- New construction of the machine room with a total amount of 250m².

Highlights:

- Improved overall availability of the Data Centre by replacing outdated supply technology
- New construction of the entire Data Centre inside an existing structure



References

University Hospital in Heidelberg

Duration and volume:

- 2009
- Total volume of appr. 950.000 EUR

Services:

- Optimizing the factor of energy efficiency
- Optimizing the fire protection and security technology for the new Data Centre
- Improved energy supply including the emergency power supply
- New construction of a Data Centre inside the existing building with a total amount of 300 m² excluding operating surface

Highlights:

- General planning across all trades
- Achieving highest availability for the Data Centre by constructing a second Data Centre
- New construction of the entire Data Centre inside the existing building



proRZ – a synoym for:



Consulting



Analysis & Certification support



Planning & Projecting



Prime contractorship



Improvement of energy efficiency & ROI evaluation

YOUR RELIABLE PARTNER – NEUTRAL AND INDEPENDENT

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