

KYNDRYL DATA CENTER FRANKFURT

Empowering German Enterprises with Reliable, Secure, and Scalable IT Infrastructure

OVERVIEW

Our TÜVIT Level 4 Certified Datacenter, located in Frankfurt's prime hotspot, offers a comprehensive all-in-one solution for your infrastructure needs. This package includes secure, certified datacenter space, professional hardware installation services, and dedicated hands-and-feet support for on-site assistance. To provide added flexibility and convenience, we also offer external warehouse options, ensuring your operations run smoothly and efficiently.

SERVICE PORTFOLIO

- Dual Data Center complex with 7 km distance between the two identical DataCenters
- Kyndryl owned dark fiber on two different grade-separated redundant routes between the DCs
- zCloud Managed Services (WinCoach), Kyndryl provides high value managed services and delivery within IBM Z dedicated or shared zCloud environments
- Usage of Shared environment with Shared pSeries, Shared VMware server including Shared backup, Shared storage. Different managed services offerings can be provided next to dedicated or housing hardware
- Private, Public & Hybrid Cloud Services

WHY CHOOSE FRANKFURT?

#2

Frankfurt in Germany stays the second biggest market in Europe



The dual DataCenter complex in Eschborn and Oberursel with Kyndryl owned dark fiber between is perfect designed for active - active failover disaster recovery solutions



Designed and built to support security standards for a variety of industries including finance, insurance, and healthcare



Kyndryl provides operational support in the shared space to increase security and reduce or eliminate the need for onsite client resources



Local Expertise, Global Reach, 24/7 support, customised solutions

KEY CAPABILITIES

STATE-OF-THE-ART FACILITIES

Strategically located in Frankfurt Germany with high availability and resilience, featuring redundant power, cooling, and network infrastructure with a 2N (N+N) design

FACILITIES & DATA CENTER MANAGEMENT SERVICES LIKE HARDWARE PLANNING

Racking, Stacking & Cabling, Smart Hands & Eyes, Decommissioning Management.

PHYSICAL ACCESS & SECURITY MANAGEMENT

Data Center Compliance management.

CLOUD INTEGRATION

Hybrid and multi-cloud enablement with direct connectivity to major public cloud providers.

SUSTAINABILITY

Energy-efficient operations leveraging renewable energy sources. Commitment to 100% renewable electricity sourcing and alignment with Kyndryl's global net zero by 2040 target.



TECHNICAL OVERVIEW

- **DESIGN LEVEL**
Kyndryl Design Level 4 [Comparable to Uptime Tier 4, all infrastructure supply components 2N (N+N)]
- **TOTAL BUILDING**
Nine separate underground IT compartments, IT area and infrastructure area physical separated
- **TOTAL WHITE SPACE**
3,495 sqm / 37,620 sq ft
- **GRID CONNECTION**
Dual 20 kV utility lines from separate substations with different routes
- **UPS & GENERATOR**
Eight 2.200 kVA diesel generators
- **COOLING**
Cooling with eight 1300 kW York chillers and free cooling

CERTIFICATIONS

- TÜV Green IT / Energy-Efficient Data Center Premium Certificate
- **ISO22301 (to be checked)**
- TÜV TSI Standard 4.6 Level 4
- TÜV TSI Standard 4.6 Dual Site Level 4
- ISAE3402
- **PCI DSS (to be checked)**
- ISO 27001
- **ISO 9001 (to be checked)**
- ISO 50001
- EU Code of Conduct

NETWORK CONNECTIVITY

- Colt
- Deutsche Telekom
- Versatel
- British Telecom
- GNPP Connectivity
- EU Networks
- Verizon

IMAGES FROM THE DATACENTRE





STRUCTURE

- Two completely identical data center in 7 km distance
- Each site with 9 underground IT-rooms
- Strategic Kyndryl Data Center each with 4.305m² IT-space
- Infrastructure maintenance without service interruption (Tier Level 4)
- Fully redundant paths for the supply components and IT-systems
- Core areas predominantly situated on underground floors
- Dark Fiber between the sites over two different fiber routes from two providers
- Several telecommunications providers with redundant connections and high bandwidth to the Internet
- Separate sections for fire protection: Connectivity, Storage & Backup and Server

INFRASTRUCTURE

- All supply components in 2N (N+N)
- Uninterruptible power supply (UPS) to secure the supply of IT-systems during power outages
- Emergency power supply from diesel generators for longer power outages (refillable during operation) to secure the supply of IT-systems and equipment
- Cooling for IT-systems and supply equipment
- Automatic multi-level early fire detection system (VESDA), balanced sprinkler system
- Energy-Efficient Data Center (Green Data Center)

PHYSICAL SECURITY

- 24 x 365 Camera Observation (CCTV) by security guards
- Multilevel security zones for access
- Access control and authorization of Separation Unit by separate badge and biometric data
- Security gate for vehicles; no vehicle on the Data Center area
- Separate areas for IT-systems and building infrastructure
- Separate outside Logistic Center for all goods
- No windows in exterior walls
- Reinforced suspended ceiling

CERTIFICATION

- TÜV IT - Trusted Site Infrastructure Level 4
- Energy-Efficient Data Center Premium Certificate
- ISO/IEC 27001
- BSI Testat
- Part of European Code of Conduct
- ISAE3402 Compliant

CONTACT US

EMAIL

Ned Goodwin ned.goodwin@cushwake.com

Gray Anderson gray.anderson1@cushwake.com