



An ideal home for your applications infrastructure

Weismüllerstraße 37-39 60314 Frankfurt

The data center FRA16 offers the latest secure, scalable infrastructure especially designed for failsafe, efficient and sustainable operation of mission-critical applications and systems. FRA16 is located on Digital Park Ostend, which is Germany's busiest data center hub. Connectivity, power and security are fully provided and controlled by Digital Realty. The Digital Park Ostend is also home to the German Internet Exchange DE-CIX, connecting 80% of its customers. The global platform Service Fabric™ offers a high-performance and reliable connection to different cloud service providers.

Located in the east of Frankfurt, directly at the two main carrier routes the data center offers a multiple redundant infrastructure to meet all requirements in terms of reliability and performance. FRA16 offers redundant power supply and air-conditioning and supports even the most demanding high-density configurations.

Digital Realty's high-security campus is surrounded by a security fence equipped with the most advanced alarm and monitoring systems. To ensure maximum energy efficiency FRA16 has been designed with the focus on energy-saving, modular architecture with maximum efficiency components as standard.

FRA16 – At a Glance

- 4,770 m² IT-Space
- 9,600 kW IT-Power
- 700+ Carrier/ISPs and DE-CIX
- High availability SDN connectivity platform
- Trained security and technical staff on campus 24x7
- Advanced fire detection and suppression systems
- ISO 27001
- ISO 22301
- ISO 9001
- ISO 14001
- ISO 50001
- PCI-DSS

FRA16: Technical Specification

Data Center	<ul style="list-style-type: none"> • 4,770 m² equipped space with 9.600kW power capacity • Only 20 minutes from the airport and main train station as well as 5 minutes from the highway • Modular and redundant set up of fault-tolerant infrastructure • Dedicated antenna space available (Roof-Rights) • Trained technical staff on campus 24x7 for remote hands services and operations
Connectivity	<ul style="list-style-type: none"> • Multiple feeds, Metro Connect Uplinks (Managed Wave and Dark Fiber) to all other Digital Realty data centers in Frankfurt • Access to over 700 carriers, NSPs, IX-Provider and ISPs • Service Fabric™ platform: connectivity to cloud service providers, L-2 port-to-port connections and many other services • Connection point for 80% of the customers of DE-CIX Internet Exchange (DE-CIX Core Switches hosted on Interxion campus) • Redundant Meet-Me Rooms • Structured Cabling and Cross-Connect connections upon customer request
Power	<ul style="list-style-type: none"> • N+1 UPS redundancy • N+1 generator backup with SLA on refuelling • 60 hrs diesel capacity with SLA • Up to 99.999% availability • High-density power configurations of up to 30kW per cabinet • Full range of AC and DC output currents • N+1
Security	<ul style="list-style-type: none"> • Trained security staff on-site (24x7) • Complete data center area protected by security fence • Multiple physical security layers including contactless key cards, biometric access system, CCTV, man traps • 24x7 controlled access
Controlled Environment	<ul style="list-style-type: none"> • Advanced smoke detection systems in every customer room (VESDA) • Argon gas fire suppression system • Fire separation walls (F90/F120) • Temperature and humidity in line with ASHRAE recommendations. • Minimum N+1 CRAC redundancy per room • Redundant cold water supplies • Entire facility infrastructure monitored 24x7 (Chiller, CRAC, Fire Panels, Generator, UPS etc.)
Services	<ul style="list-style-type: none"> • Colocation: private cage, private room and cabinet space • Remote Hands: 24x7 installation and maintenance • Extendable to 300+ data centers worldwide via a single service contract • Staging area / storage space • Self-service customer portal • Multilingual customer service (EMEA Command Center)
Energy Efficiency and Sustainability	<ul style="list-style-type: none"> • 100% power from renewable sources • Phased modular architecture optimises Power Usage Effectiveness (PUE) • Data centers operated to the highest energy efficiency standards

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About Digital Realty Digital Realty brings companies and data together by delivering the full spectrum of data center, colocation and interconnection solutions. PlatformDIGITAL®, the company's global data center platform, provides customers with a secure data meeting place and a proven Pervasive Datacenter Architecture (PDx®) solution methodology for powering innovation and efficiently managing Data Gravity challenges. Digital Realty gives its customers access to the connected data communities that matter to them with a global data center footprint of 300+ facilities in 50+ metros across 28 countries on six continents.

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