



An ideal home for your applications infrastructure

Hanauer Landstrasse 302, 60314 Frankfurt am Main

The data center FRA1 offers the latest secure, scalable infrastructure especially designed for failsafe, efficient and sustainable operation of mission-critical applications and systems. FRA1 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 ServiceFabric™ 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. FRA1 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 FRA1 has been designed with the focus on energy-saving, modular architecture with maximum efficiency components as standard.

At a Glance

- 500 m² IT-Space
- 120 kW IT-Power
- 700+ Carriers/ISPs and DE-CIX on-site
- High availability SDN connectivity platform
- Trained security and technical staff on-site 24x7
- Advanced fire detection and suppression systems
- ISO 27001
- ISO 22301
- ISO 9001
- ISO 14001
- ISO 50001
- PCI-DSS

FRA1: Technical specifications

Data Center	<ul style="list-style-type: none">• 500 m² of equipped space with 120 kW 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• Trained technical staff on campus 24x7
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• ServiceFabric™ 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 Digital Realty campus)• Structured Cabling and Cross-Connect connections upon customer request
Power	<ul style="list-style-type: none">• N+1 generator backup with SLA on refuelling• Up to 99,999% availability• High-density power configurations of up to 30kW per cabinet• Full range of AC and DC output currents
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)• FM-200® fire suppression system• Fire separation walls (F90/F120)• Temperature and humidity in line with ASHRAE recommendations• Minimum N+1 CRAC redundancy per room• 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• Meeting rooms and office space available• Customer Lounge on campus• 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• Free cooling and strict separation of warm and cold air flows

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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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