



An ideal home for your applications infrastructure

In der Steele 29, 40599 Düsseldorf

The Data Center DUS1 offers the latest secure, scalable infrastructure especially designed for failsafe, efficient and sustainable operation of mission-critical applications and systems. Connectivity, power and security are fully provided and controlled by Digital Realty.

The cloud- and carrier-neutral data center DUS1 is also home to the DE-CIX and ECIX (Megaport) Internet Exchanges. With its high density of connectivity and cloud providers DUS1 has become a stronghold for cloud computing in the Rhine-Ruhr metropolitan area. In addition the global platform ServiceFabric™ offers a high-performance and reliable connection to different cloud service providers.

At Digital Park Düsseldorf, DUS1 offers a multiple redundant infrastructure to meet all requirements in terms of reliability and performance. The data center provides redundant power supply and airconditioning and supports even the most demanding high-density configurations.

The campus is equipped with the most advanced alarm and monitoring systems. To ensure maximum energy efficiency DUS1 has been designed with the focus on energy-saving, modular architecture with maximum-efficiency components as standard.

At a Glance

- 3,200 m² IT-Space
- 1,700 kW IT-Capacity
- 100 Carriers/ISPs, ECIX (Megaport) and DE-CIX Internet Exchanges on campus
- Trained security and technical staff
- High-availability SDN connectivity platform
- Advanced fire detection and suppression systems
- ISO 27001
- ISO 22301
- ISO 9001
- ISO 14001
- ISO 50001
- PCI-DSS

DUS1: Technical specifications

Data Center	<ul style="list-style-type: none">• More than 3,200 m² equipped space with 1,700 kW IT-Capacity• Only 30 minutes from the airport, 15 from the city center and 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">• Dual-entry, redundant fibre connections• Access to over 100 carriers, NSPs, IX-Provider and ISPs• ServiceFabric™ platform: connectivity to cloud service providers, L-2 port-to-port connections and many other services• Direct access to the DE-CIX and ECIX (Megaport) Internet Exchanges• Redundant Meet-Me-Rooms• Structured Cabling and Cross-Connect connections upon customer request
Power	<ul style="list-style-type: none">• Redundant power supply• 2N and N+1 UPS redundancy• N+1 generator backup with SLA on refuelling• Up to 99,999% availability• Available output current: Alternating Current (AC)
Security	<ul style="list-style-type: none">• Trained security staff on-site (24x7)• 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)• Inergen gas fire suppression system• 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 cages, private rooms and cabinet space• Remote Hands: 24x7 installation and maintenance• Extendable to 300+ data centers worldwide via a single service contract• Conference 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">• Power 100% from renewable sources through credits and Power Purchase Agreements (PPA)• Phased modular architecture optimises Power Usage Effectiveness (PUE)• Data centers operated to the highest energy efficiency standards• Free cooling

Digital Realty

Hanauer Landstraße 298,
60314 Frankfurt am Main

Tel.: +49 211 7496670-0

E-Mail: de.info@digitalrealty.com

EMEA Command Center:

Toll free from Europe: + 800 00 999 222

Toll free from the US: +1 855 599 9222

E-Mail: ecc@digitalrealty.com

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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