



Digital Park Niederrad

Lyoner Straße 28
60528 Frankfurt am Main

The perfect connection for your applications & systems

Digital Park Niederrad is located within Frankfurt-Niederrad industrial area in the immediate vicinity to Frankfurt Airport in the heart of Europe. This makes it easy to reach every business hub in EMEA quickly by air. Therefore, the location has proven to be particularly favorable for those companies whose employees do not have their workplace in Frankfurt.

Thanks to the connection to the European fiber optic network, the facilities have an extremely high level of connectivity. Many, mostly long-standing, customers appreciate the data center for its extensive connection to major telecommunications companies, Internet service providers and Internet Exchanges (IXPs).

“Digital Park Niederrad offers our customers the best possibilities for smooth data exchange as well as a constantly secure IT infrastructure. With an availability of 99.999 percent, we are the backbone of the digital transformation. We enable our customers to network and do business with the entire world.”

Dirk Reinecke, Director Sales & Marketing at Digital Realty

At a glance

- 3,600 m² of centrally located colocation space
- 3.9 MW IT power
- 20+ connectivity providers on site
- high availability SDN connectivity platform
- qualified security and technical staff
- state-of-the-art systems for early fire detection and suppression
- innovative energy-efficient refrigeration systems

Technical Specifications

Data center

- 3,600 m² colocation space with 3.9 MW IT power
- 11 IT zones
- Maximum floor load capacity: up to 1,000 kg/m²
- Maximum raised access floor height: 380 to 800 mm
- Raised floor to ceiling height: 2.8 - 4.5 m
- Freight elevator with maximum load capacity up to 1.2 tons
- Separate delivery bay
- BMS with more than 28,000 data points (and automated control capabilities)

Security

- Proximity access card - optional biometrics.
- 24x7 on-site security
- NOC 24x7 technical staff on site
- CCTV-monitored

Connectivity

- 2 separate entry points into the building
- 2 carrier areas
- 20+ connectivity providers on site
- Redundant Meet-Me-Rooms

Fire Detection & Suppression

- VESDA – very early smoke detection system
- Fogtec – high pressure fogging (high pressure fire suppression system)

Power

- 2 independent supply lines (feeds) into the building
- 3.9 MW IT-power
- Generator operating time at full load: 30 hours
- Redundant cable routing within the building
- UPS type (rotating/static): static
- Online UPS
- UPS autonomy: 6 minutes
- UPS capacity: 5 MVA
- UPS redundancy: area-dependent N+1 or N+N
- Generator redundancy: N+N

Cooling

- 6 chillers
- Maximum cooling capacity: 3.9 MW
- N+1 cooling redundancy
- Computer Room Air Handler (CRAH)
- Innovative energy-efficient refrigeration systems with R1234ze refrigerant

Certifications



SOC 2 Certification
by Schellman



The ideal backup location for your infrastructure

Digital Park Niederrad is used by many customers as a backup location for two reasons: First, it has a completely self-sufficient infrastructure. This means that system redundancy can be established within the same data center. Secondly, Lyoner Straße is located in a different evacuation zone within Frankfurt - making it the ideal complement for your infrastructure and data.

Always well connected

Lyoner Straße impresses with its good connections to other data centers in the same metropolitan area. By utilizing Metro Connect services, customers can interconnect within or between nearby Digital Realty data centers. This provides customers with reliable, secure, low-latency connectivity between Digital

Realty data centers and helps reduce network costs - without using public networks.

To leverage connections across different fiber routes, Metro Connect - Managed Wave is suitable: DWDM technology and Ethernet protocols are used to establish additional connectivity to partners, suppliers or other Digital Realty customers. The advantage of this fully managed solution is not only the automatic transition between fiber paths, but also the ability for fiber routes to grow with the company's needs. If full equipment and fiber diversity is required, a second managed wave can be ordered. In addition, the service is monitored around the clock and managed by the Digital Realty Network Operations Center. Metro Connect - Managed Wave service is available as 10G or 100G bandwidth.

PlatformDIGITAL® Ecosystem Reach

Global Coverage	Interconnected Ecosystem	Global Coverage
6 continents	700+ network and content providers	24/7 support
25+ countries	600+ Cloud and IT providers	365 days per year
50+ metros	800+ Enterprises	99.999% uptime
310+ data centers		

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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.

To learn more about Digital Realty, please visit digitalrealty.com or follow us on [LinkedIn](#) and [Twitter](#).