

DATA CENTER HAM1

ITENOS stands for more than 30 years of ICT experience. We put our faith exclusively in state-of-the-art technologies, so we always deliver the best solution.



Our data center in Hamburg boasts 405 m² of floor space with state-of-the-art IT infrastructure for the physical security, data protection, high availability, and optimal connection of your servers in colocation areas or dedicated rooms. The 60 cm raised floor is antistatic, low-resistance, PVC-free, and flame-retardant. The T30 steel safety doors are alarm-monitored and only allow entry after access control. A burglar alarm system with a direct link to law enforcement ensures maximum security, as does the constant monitoring of the fence system and exterior of the building.

Ideal infrastructure and networking

We take all necessary precautions to protect your hardware from damage caused by fluctuations in the power grid: Separate supply lines from two independent transformer stations, each with its own transformer and uninterruptible diesel generators (UPS), ensure that everything keeps working even during longer supply shortages. Our network uses Cisco network components, a fiber optic Internet connection, copper cabling, and independent carriers for unparalleled connectivity.

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Location

- Hamburg
- About 405 m² total space
- Concrete, masonry, and drywall (fire resistance class F90)
- Concrete ceiling and suspended ceiling with integrated lights
- Floor-to-ceiling height: 3.50 m at the lowest point
- Point load: 5 kN per m²; area load: 10 kN per m²



Connectivity

- Direct connection to the DE-CIX exchange
- IPv6-ready
- Cisco network components
- Connected to the Internet via fiber optic and copper cabling by independent carriers



Security

- Fire alarm system
- Large CO₂ fire extinguishers
- A guard monitors access to the site from Monday to Friday between 6 am and 6 pm. Code cards are required to access the site outside of these times
- Surveillance on system room doors provided by the access control system



Cooling

- Cold air provided by the climate cabinets via the false floor
- Designed for 800 watts per m²
- Server cabinets arranged according to "cold" and "hot" aisles
- Three redundant (n+1) precision air-conditioning systems



Power

- One NSHV with two separate power feeds
- Two separate UPSs with n+1 blocks, where each UPS can keep everything running by itself
- Capacity: 800 W per m²



Services

- Assembly, disassembly, and disposal of customer racks
- Installation and removal of hardware
- Installation and deinstallation of power supplies
- Hardware operation
- ODTR and performance-level measurements
- 24/7 service desk located within Germany



With more than 30 years of experience in the IT industry, ITENOS is your reliable partner. Our high-quality solutions and services are of course **ISO certified** – and we as a company also hold further **awards**.

