

DATA CENTER HAMBURG 2



Optimal connectivity in the north

When completed, our [second data center located just outside Hamburg \(Ahrensburg\)](#) will offer 10,000 m² of space powered by up to 20 megawatts. What's more, it will be certified DIN EN 50600 Level 3 (planning, new construction, and operation of data centers), ISO 27001 (information security in management systems), and ISO 9001 (quality management) compliant, among others. This means that your IT infrastructure will be in the best of hands just 20 kilometers from the center of Hamburg. The data center's direct connection to our [DataLogistIX platform](#) means that our customers in northern Germany will be able to rely on high-performance Internet connections, direct cloud connections to the major hyperscalers, and other services—all from a single location. Our HAM2 data center will also connect to the DE-CIX data point in Frankfurt for maximum [connectivity](#).

Comprehensive security

Our future-proof, multi-level security concept, redundant core systems, and state-of-the-art early fire warning systems ensure both maximum security and availability. Of course, we also rely on 100 percent green electricity for sustainable operation.

WHAT DISTINGUISHES THE HAMBURG 2 DATA CENTER?



Location

- Ahrensburg
- Up to 10,000 m² total area
- Up to 20 MW in final expansion
- DIN EN 50600 VK3, ISO 27001 and ISO 9001 certified



Housing/colocation

- Colocation racks from 2 kW to 10 kW (higher capacities available on request)
- Cages & rooms



Connectivity

- DWDM data center coupling with optional encryption
- Link- and node-disjoint routes and georedundant lead-ins
- Multiple redundant Internet upstreams with up to 10 Gbit/s bandwidth (multihoming, Tier1 ISPs, IP access, IP transit, including DDoS)
- Connection to the DataLogistIX platform and all feeder services (IPLS break out, Ethernet hub, etc.)
- 2 separate Meet-Me rooms (carrier-neutral)
- DE-CIX-enabled site
- Cloud-Connect (to all hyperscalers)



Security

- Multi-level security concept
- Security fencing system with perimeter monitoring
- 24/7 monitoring by on-site security service and video surveillance



Fire protection

- Automated fire alarm and gas extinguishing system
- Redundant cylinder battery
- Early fire detection (RAS)
- Several fire compartments
- Interior fittings made only of non-combustible and flame-retardant materials



Cooling

- Free adiabatic air conditioning
- Highly efficient air conditioning system with very low power consumption
- Cold/hot aisle containment



Power

- Redundant power supply with A/B feed
- Operation with 100% green electricity
- Modular, energy-efficient UPS systems per feed
- Transformer and NEA per feed
- TNS network and differential current monitoring
- Tank system with at least a 48-hour fuel supply

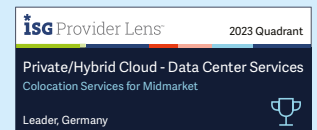
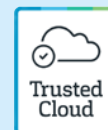


Services

- Assembly, disassembly, and disposal of customer racks
- Hardware installation and operation
- Installation and deinstallation of power supplies
- Power 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. To ensure the greatest possible customer satisfaction our high-quality solutions and services are of course [ISO certified](#) – and we as a company also hold other [awards](#).



Find out more about the Hamburg 2 data center now!



More information at:
www.itenos.de/en/datacenter-hamburg-2

Still questions? Please feel free to contact us!



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