

Amsterdam 1 Data Center



Home to the cloud: e-marketplace for growth and innovation

The Amsterdam 1 Data Center is located in Schiphol Rijk, a 10-minute drive from the Amsterdam airport and less than 30 minutes from the Amsterdam city center. The campus offers highly available, scalable data center space with high power density, carrier neutrality, flexible colocation spaces, cloud network access, connectivity and on-site support.

The first phase of Amsterdam 1 was opened in Q2 2019. Customers can choose flexible colocation deployments from single racks to cages and suites or select larger shell & core building space with custom fit outs if needed.



A solution for every requirement

With a total of up to 16,000 sqm of IT space Amsterdam 1 offers complete solutions for housing your IT and network systems in a secure, high-availability environment. We provide you with the best possible physical and technical infrastructure supported by 2n UPS systems, generator backup as well as highly redundant cooling systems. The site is guarded 24/7. Amsterdam 1 holds multiple certifications and is connected to all major carrier and cloud networks as well as to the AMS-IX. To validate hybrid cloud services and innovations faster and at lower cost, our Innovation Lab provides the perfect hosted environment in a live data center environment.

High quality customized solutions

Your requirements are the most important aspect of our service offering. We offer space that ranges from commercial property to completely configured, high availability data center areas, along with all the expertise for planning, design, operation, and security. You choose, we deliver. Whether you select a building shell which you configure yourself, or we configure it according to your specifications or you decide on a fully configured suite with pre-installed racks, we satisfy any option. We will also ensure the space is available to you on schedule and configured with a consistently high standard of quality for which e-shelter is known.

Overview of e-shelter's main product offerings:

Fully fitted:	e-power-rack e-carrier-rack	Separate space, server and network cabinet including infrastructure
	e-cage™	Separate lockable space from 20 sqm
	e-suite	Separate locked room with a size from 300 sqm
Shell and core:	e-area™	Provision of constructed shell and core space from 1,000 sqm
Land:	e-site	Provision of land with upstream grid connection and planning

Infrastructure:

High availability and security

Data center space

- 16,000 sqm of IT space (once fully built out)
- Flexible colocation deployments: single rack colocation, cages, suites, turnkey build to suit and shell & core solutions



Power

- Gross power connection of 60 MVA
- An average power density of 2.5 kW/sqm
- 2n UPS redundancy
- n+1 generator backup



Cooling

- Redundant water and air-cooled system supported by free cooling (n+1)
- CRAH units in n+1 configuration

Fire protection

- Early warning smoke detection system (VESDA) in return air area
- N₂ gas fire suppression system

Connectivity

- Carrier-neutral with connectivity to diverse carrier hubs in the Amsterdam area
- Carrier-mix from global Tier 1 supplier to local supplier
- Direct AMS-IX access
- Multi cloud-access through e-shelter's e-connect platform to all major public cloud providers (e.g. Alibaba, AWS, Google, Microsoft)
- Cross Connects and Pre-Cabling
- DC- and Internet-Connects

Certifications (planned)

- DIN EN ISO 50001
- EN 50600
- ISAE 3402
- ISO 9001
- ISO 27001
- PCI-DSS

Services

- Installation services
- Facility management and tenant fit out
- Remote Hands

NTT network

- As a subsidiary of NTT Communications, e-shelter is part of a global network of data centers covering 20+ countries and over 400,000 sqm of data center space
- Connectivity options to the global NTT fiber network carrier-routes
- Access and use of Innovation Labs with a worldwide partner network

Security

- 24/7 Security Operations Center (SOC) and Service Control Center (SCC)

e-shelter innovation lab

- **Rich ecosystem:** Drive private and hybrid cloud use cases jointly with partners and customers of all sizes
- **Room for innovation:** Test and validate distributed architectures in a real-world production environment
- **Knowledge community:** Share information via a regular series of webcasts, host and join bootcamps, meetups and hackathons

About e-shelter

e-shelter was founded in 2000 and quickly established itself as a leading provider of data centers in Germany. Over the past years, e-shelter has grown into an international organization, employing more than 400 people with diverse backgrounds and specializations that continually contribute to the company's success.

We operate eleven data center locations within Germany, Austria, Switzerland and the Netherlands and are currently expanding to Madrid and London.

As a subsidiary of NTT Communications, e-shelter is part of a global network of data centers covering 20+ countries and over 400,000 sqm of data center space. Among e-shelter's clients are financial services companies, telecoms operators, public sector, IT service, as well as outsourcing and cloud service providers.

In addition to e-shelter, companies such as Arkadin, Dimension Data, itelligence, NTT Communications, NTT DATA, and NTT Security are part of the NTT Group in Germany. In this region, the NTT Group represents around 5,300 employees and combined revenue of more than € 1.2 billion.



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