

## Mediam Helsinki DC

Reliable & secure data center services located in Helsinki Metropolitan Area



*The Mediam Helsinki DC provides reliable & secure data center services you can rely on.*

Optimal location in Helsinki, Finland.

Highest international standards in security, cooling and energy efficiency.

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Mediam Helsinki Data Center delivers the capacity, power, redundancy and flexibility required to support your business worldwide. Located optimally between Eastern and Western Europe, ICT services may be provided to Finland, Russia, Asia and the Baltic countries due to low latency and high capacity fibre backbone connections.

Finland provides an ideal geographical location for a high class data center due to a climate and soil without natural disaster risks.

Finland offers a political stability and national guideline to promote innovative use of technology, affordable energy prices, availability of green and renewable energy, industry experts and carrier-neutral and competitively priced telecommunication connections with good availability.

The Mediam Helsinki Data Center has been designed to provide a stable environment for ICT environment with highest standards in security, cooling, energy efficiency and electricity.

Mediam Helsinki DC is located in Helsinki Metropolitan Area, providing optimal location for co-locate ICT environment in Finland.

Mediam helsinki DC provides high quality co-location services, IAAS services and fully supported ICT environments for Finnish and international customers with 24/7 basis support.

#### Colocation & hosting

- ✔ Full server cabinets, private cage
- ✔ Infrastructure-as-a-Service (IAAS)
- ✔ High density hosting

#### Support

- ✔ "Remote hands"
- ✔ Network planning and consulting
- ✔ Monitoring of the equipment
- ✔ Monitoring of the servers

#### Network

- ✔ Internet-connections, 1-100 Gbit/s
- ✔ Carrier neutral data center

#### Security

- ✔ Firewall, VPN-connections
- ✔ PCI-DSS compliant and scans
- ✔ Data backup
- ✔ Data storage & archiving
- ✔ Disaster protection & recovery



## Uninterrupted power

Redundant power feeds to the rack cabinets (A+B power feeds) powered by redundant UPS and generator backup systems ensures stability in all levels of productivity.

Two dedicated power distribution units per cabinet will be provided (A+B power feeds). Each supports up to four AC feeds 16 or 32 amps with either single-phase (230V) or three-phase.

## Fire detection and suppression

Helsinki DC is protected by a sophisticated smoke and fire detection system (VESDA) and Inergen-based automatic gas suppression system.

VESDA immediately detects airborne heat and smoke particles, notifying on-site facility staff before a fire has an opportunity to start. Inergen-based gas suppression is an environmentally friendly and extinguishes fire without causing harm to people, property or the environment.



## Mediam Helsinki DC Technical Data Sheet

The following features have been designed to ensure the highest level of resilience, redundancy and security within the data center:

### Space

Space for up to 20.000 servers

### Power supply system

UPS: redundant (N+1)

UPS batteries: redundant (N+1)

Rack power feeds: A+B redundant (2N)

Main switches: 2N

Switchboards: redundant (2N)

Transformers: 2N (1200 kW)

Backup power: Diesel generator powered (1600 kW)

### Air conditioning system

Chillers: redundant (2N)

Condenser: redundant (2N)

Computer Room Air Conditioning units: redundant (N+1)

Cold aisle / hot aisle configuration

Energy efficient low-density- and high-density-zones available

### Fire detection & suppression

High sensitivity VESDA smoke detection system on all data center areas

Integrated smoke / heat / fire detection system

Inergen-based automatic gas suppression system

### Security

The data center building is guarded 24/7

CCTV video surveillance

Multi layer access control

24/7 access available

### Network connections

Carrier neutral data center

Redundant fiber and copper wiring ring

Multihome network connections 100 Mbit/s - 100 Gbit/s

Dark fibre to main local point of presence locations (POPs)



## MEDIAM

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