

## DATA SHEET

# IPHH DATACENTER HH3/R1



The cold aisle containment is a state-of-the-art solution for energy efficiency and cold air distribution.



Easy interconnection is a top priority at IPHH. A large number of carriers are present in our datacenters.

### > PHYSICAL

- 1300 m<sup>2</sup> datacenter with 20 kN/m<sup>2</sup> loading capacity
- Height 3300 mm from top of raised floor
- 500 mm raised floor

### > ENVIRONMENT / AIR-CONDITIONING

- N+1 with 100 % highly efficient direct and filtered free cooling
- Cold aisle containment for optimized air-flow

### > MAINS POWER

- Supply via redundant underground 10kV grid
- Redundant N+1 10 kV/400V transformer station

### > GENERATORS

- 2x 1000 kVA (maximum 3x) power generators N+1
- Automatically feed 100% of the facility within 30 seconds
- Generators tested monthly under load
- Fuel storage sufficient for 24 hours continuous operation at 100% load
- 24 x 7 SLA with local fuel supplier

### > UPS / POWER

- Up to 6x 500 kVA UPS modules providing with N+1 redundancy
- At least 10 minutes of battery autonomy
- Redundant power distribution
- Single-circuit rack metering for billing and monitoring

### > CONNECTIVITY

- Multiple building entry points for fiber cables
- Two separate MeetMeRooms (MMR)
- Carrier-neutral
- Rich amount of carriers present on site or reachable by IPHH campus fiber at other IPHH and 3rd party locations

### > FIRE PROTECTION

- Use of non-flammable and low smoke/zero halogen material
- No storage within technical areas
- F90 sealed fire compartments
- Aspirating smoke detection systems (VdS approved)
- Smoke detectors on ceiling and inside raised floor
- Nitrogen-based fire extinguishing system (TÜV approved)



The IPHH Datacenter HH3 is situated at Wendenstrasse 251. This location is designed as a highly redundant site. Security staff is on site 24/7 to provide additional security for the location.

#### > MONITORING

- 24/7 guarded location by security service
- Full network monitoring
- Infrastructure monitoring (e.g. generator status, power meters, air-conditioning, CCTV status, intruder detection system, temperature inside and outside cold-aisles)

#### > RACK DEPLOYMENT

- Facility suitable for racks/cabinets (47U) of up to 2200 mm in height and 1200 mm in depth
- Power distributed within raised floor. Fiber and copper cabling distributed overhead

#### > REMOTE HANDS AVAILABILITY

- Remote hands available 8/5 during business hours (30 minutes max response time) or 24/7 (depending on SLA, 1 hour max response time)
- Linux-, Cisco Systems- and Fortinet-certified staff available 24/7

#### > GENERAL FACILITIES

- Sanitary area for datacenter customers
- Equipment delivery 24/7 possible after advance notice
- Temporary storage space
- Certified to ISO/IEC 27001:2013 for all IPHH facilities



We use certified current meters per customer and circuit for monitoring and billing.

> LAST UPDATE 10.2024