



Datacenter LEV1

in Leverkusen

6,000 m²
Space

12 MW
Total power capacity

DATACENTER ONE GMBH
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DATACENTER ONE

High availability Individuality Sustainability

TAILORMADE COLOCATION



Certification



- ✓ EN 50600 Level 3
- ✓ ISO 27001 according to BSI basic protection requirements

- ✓ ISO 9001
- ✓ ISAE 3402 Type 2

Access & security



- ✓ Multi-stage security concept
- ✓ 24/7 Access for authorized individuals
- ✓ 24/7 On-site security service

- ✓ Security fence system with perimeter monitoring
- ✓ Video surveillance

Power supply



- ✓ Redundant power supply through A/B feed
- ✓ Modular, energy-efficient UPS systems, per feed
- ✓ Fully operated using 100% renewable energy

- ✓ Transformers and emergency generating units per feed
- ✓ TNS network and differential current monitoring
- ✓ Tank system with at least 48 hours autonomy

Air conditioning



- ✓ Adiabatic cooling
- ✓ Highly efficient climate concept with very low power consumption

- ✓ Air supply via raised floors
- ✓ Cold aisle containment

Fire prevention



- ✓ Automated fire alarms and gas extinguishing systems
- ✓ Multiple fire compartments
- ✓ Interior built exclusively from non-flammable and highly flame-retardant materials

- ✓ Early fire detection (RAS)
- ✓ Redundant cylinder battery

Colo Connect



- ✓ DWDM datacenter coupling with optional encryption
- ✓ Multiple redundant internet upstreams with up to 100 Gbit/s bandwidth
- ✓ DE-CIX Enabled Site & Cloud -Connect

- ✓ 2 separated meet-me rooms, (carrier-neutral)
- ✓ Disjunctive nodes and edges routes
- ✓ Georedundant building connections