Datacenter LEV1
in Leverkusen

6,000 m²
Space

12 MW
Total power capacity

DATACENTER ONE GMBH
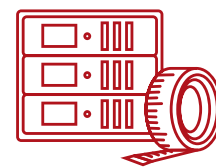Tel. +49 (0) 711 25290-0

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DC1
DATACENTER ONE

High availability
Individuality
Sustainability

Certification		
✓ EN 50600 Level 3	✓ ISO 9001	
✓ ISO 27001 according to BSI basic protection requirements	✓ ISAE 3402 Type 2	

Access & security		
✓ Multi-stage security concept	✓ Security fence system with perimeter monitoring	
✓ 24/7 Access for authorized individuals	✓ Video surveillance	
✓ 24/7 On-site security service		

Power supply		
✓ Redundant power supply through A/B feed	✓ Transformers and emergency generating units per feed	
✓ Modular, energy-efficient UPS systems, per feed	✓ TNS network and differential current monitoring	
✓ Fully operated using 100% renewable energy	✓ Tank system with at least 48 hours autonomy	

Air conditioning		
✓ Indirect free adiabatic cooling	✓ Air supply via raised floors	
✓ Highly efficient climate concept with very low power consumption	✓ Cold aisle containment	

Fire prevention		
✓ Automated fire alarms and gas extinguishing systems	✓ Early fire detection (RAS)	
✓ Multiple fire compartments	✓ Redundant cylinder battery	
✓ Interior built exclusively from non-flammable and highly flame-retardant materials		

Colo Connect		
✓ DWDM datacenter coupling with optional encryption	✓ 2 separated meet-me rooms, (carrier-neutral)	
✓ Multiple redundant internet upstreams with up to 100 Gbit/s bandwidth	✓ Disjunctive nodes and edges routes	
✓ DE-CIX Enabled Site & Cloud -Connect	✓ Georedundant building connections	