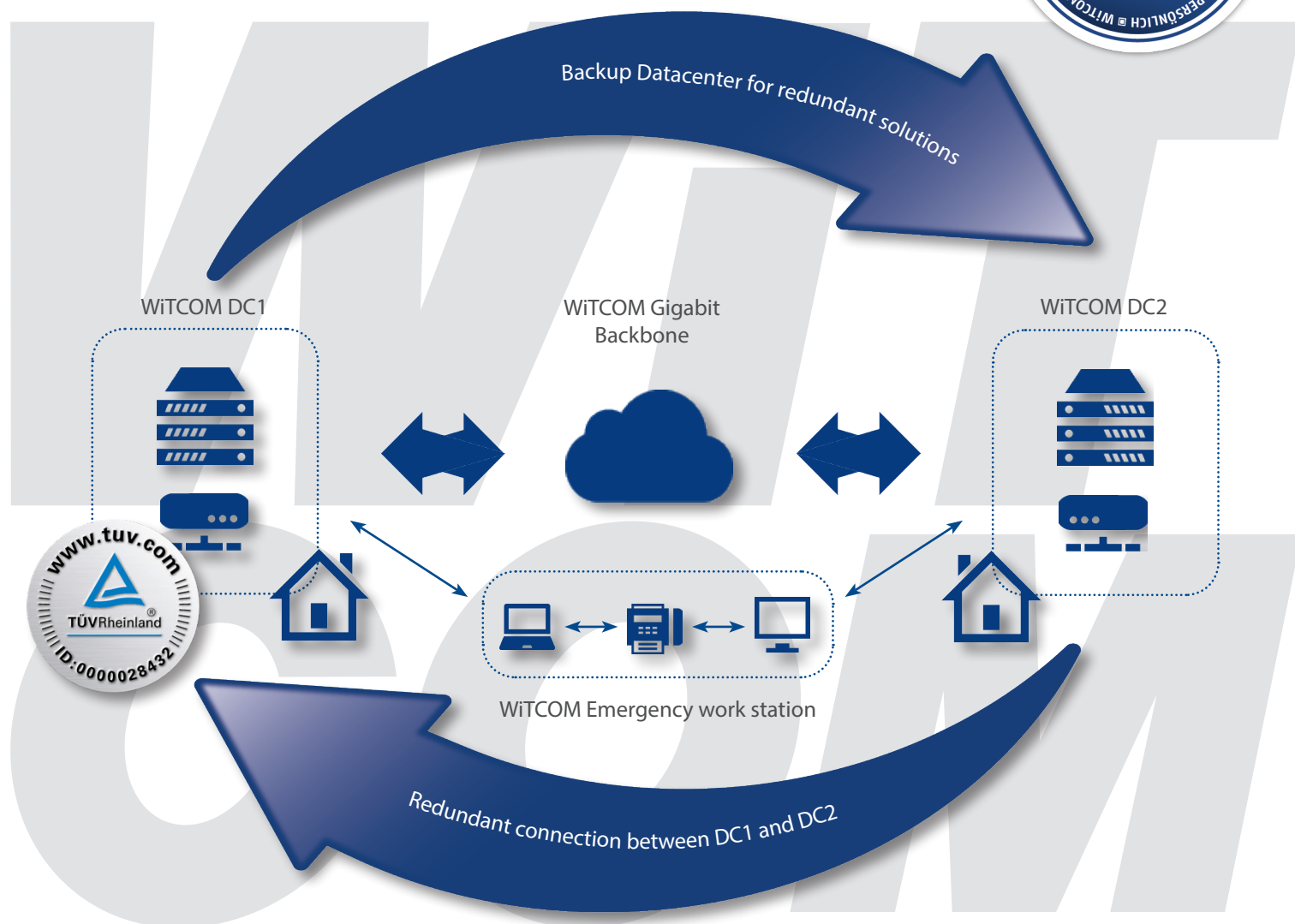


WITCOM DATACENTER 1 - TÜV Secure Data Center

Infrastruktur



General

Address	Konrad-Adenauer-Ring 60, 65187 Wiesbaden
Location	Direct access to a ring road; easy to reach via motorways A 66, A 3, A 643, A 671
Computer centre operator	WITCOM Informations- und Telekommunikations GmbH
Certified by	TÜV Secure Data Center - TÜV Rheinland - since 2010
Technological spaces	380 m ² in 3 rental areas + additional backup space
Emergency work stations	70 work stations in 4 rooms on 390 m ²
Access to the building	24 x 7 x 365
Delivery area	✓
Parking area	✓
Recreation rooms, toilets	✓



WITCOM DATACENTER 1

Technical equipment

Access

- Electronic locking system with two-factor authentication (transponder and code lock)
- Video surveillance of all circulation areas within the building (event controlled reading and recording)
- Intrusion detection system, door alarm system

Power Supply

- Substation with redundant transformers on the premises
- Powerful Diesel generator ensures emergency power supply with a performance of 560 KW
- Own petrol station of ESWE Versorgungs AG available to supply the Diesel generator
- Two uninterruptible, modularly designed power supplies (UPS) in n+1 redundant configuration each
- For in-house operation, the Computer centre exclusively uses green electricity from plants using renewable sources for power generation; certified by TÜV SÜD pursuant to the criteria of „CMS standard Generation EE“
- Power supply of customer-own systems with green electricity from renewables optionally available (Green IT)

Air conditioning

- Active energy efficient high performance cooling systems in n+1 redundant configuration
- Cooling capacity of usable computer centre spaces following the international availability class standard about 1,600 watts per m²
- Two separate cooling media (cold water system with free cooling & cooling agent system) in redundant configuration

Fire protection

- BVery early fire detection with aspirating smoke system (RAS); central fire alarm
- system (BMZ); fire alarm and extinguishing system (agent NOVEC 1230)

Connectivity

- Redundant optical waveguide connection with different routing to WitCOM backbone and separate service lines

Additional installation

- Division of rental areas with room-in-room concept using safe rooms
- Building control system; lightning protection system
- Security service regularly patrolling at night



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DATACENTER



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WITCOM DATACENTER 1

Services

WITCOM SERVERHOUSING

Racks

- Dimensions 600 x 1,200 x 2,200 (width, depth, height)
- All racks with individual locking system
- Power supply by 1 UPS system (A supply)
- Optional: Power supply by 2 UPS systems in n+1 redundant configuration (A/B supply)
- Mains connection over IEC or grounded sockets

Purchasable rack variants

- Rack cage (fenced-in group of racks; not less than 4 racks or 12 m²)
- Full rack (47 rack units; admissible maximum power input 5,000 W)
- ½ rack compartment (21 rack units; admissible maximum power input 2,500 W)
- ¼ rack compartment (10 rack units; admissible maximum power input 1,500 W)

Miscellaneous

- Internet access with data transfer flat included (full, ½ and ¼ rack)
- Billing of energy costs (electricity, air conditioning) based on metered power consumption
- 1 switch port (Ethernet 1000 Mbit/s) with 1 public IP address included
- Optional: Additional switch ports / IP addresses
- Optional: WITCOM MANAGED FIREWALL for securing the servers

WITCOM EMERGENCY WORK STATIONS

- 4 rooms with a total space of about 390 m²
- All rooms have day light windows, carpeting and cabinets
- Up to 70 setup work stations available
- Each workplace has a desk and an office chair
- Own local network with Ethernet links for the work stations
- Own kitchen and sanitary installations
- Optional: monitor, keyboard, mouse and IP phone per workplace
- Optional: broad band internet access and VoIP telephone system
- Optional: combinable with other computer centre services
- Optional: Used WITCOM services can be directed to the emergency work stations at any time



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WiTCOM DATACENTER 1

Services

WiTCOM MANAGED FIREWALL

- Fully managed service including maintenance, swap and initial configuration
- Individual initial set of rules agreed with the customer
- VPN remote dial-in via PC, Mac, Android, iOS client
- Client UTM (Unified Threat Management) bundle including anti-virus, webfiltering, IPsec and SSL-VPN, application filtering

Other optional WiTCOM DATACENTER services

- Fibre channel ports for SAN concepts
- WiTCOM STORAGE - Nearline SAS or SAS Storage, mirrored (optional), including 1 Fibre Channel port
- WiTCOM VIRTUAL DATACENTER - Customized RAM, CPU and storage rental including Windows server licences
- Internet accesses, permanent circuit connections, LAN couplings, WDM couplings e. g. with up to 100 Gigabit Ethernet, Escon, Ficon or Fibre Channel
- Remote hands service within and outside of office hours (Mon-Fri 8 a.m. to 5 p.m.)
- Expert service for planning the installations in the rental area
- Backup space in WiTCOM DATACENTER 2 for critical, high availability infrastructures and emergency concepts
- Other individually required auxiliary services on request

The listed services are detailed in the relevant service description or are subject to individual contractual agreement.

Are you interested as well? Give us a call: 0611-26244-0



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