Secure. Efficient. BSI compliant.

Next generation co-location

·T··Systems·

Let's power
higher performance

Co-location for the digital age

Be it for entering new markets without possessing your own data center capacities, to increase basic security, to optimize redundancy, to update data center infrastructure, or even for reasons of cost efficiency: Co-location is an economical alternative for the internal operation of your data center. With co-location, you retain control over hardware and operation, but free yourself of the basic issues of facility management. As your co-location provider, T-Systems assumes responsibility for physical security, fire protection, (emergency) power supply, air conditioning, and much more. You save yourself the cost of maintaining your own buildings and infrastructures. And easily comply with common regulatory requirements.

Throughout Germany, T-Systems offers you modern co-location packages with areas and racks in three state-of-the-art, high-availability data centers in Biere/Magdeburg, Munich, and Frankfurt with an attractive price-performance ratio.

Secure

T-Systems data centers offer maximum availability, a highly redundant power supply, air conditioning, and network connection, and self-sufficient power supply units in case of emergency. Further safety and security measures include individual fire compartments, single entry access control systems, fences, video surveillance and much more.

Efficient

Thanks to the high level of energy efficiency, the energy costs at T-Systems are around 30% lower than at conventional data centers. You will also benefit from the use of efficient air conditioning technology, optimized solutions for air volume control and supply air temperatures, and the utilization of ambient temperature for cooling purposes.

BSI compliant

We meet all the regulatory requirements for operators of sensitive infrastructures such as the finance sector, authorities, and health-care. At the end of 2018, BSI* raised the minimum distance for geo-redundancy to 100km, while as many as 200km are recommended. All the data centers of T-Systems satisfy this condition, e.g. for mirrored disaster recovery clusters.

*Bundesamt für Sicherheit in der Informationstechnik (German Federal Office for Information Security)

A six-pack of co-location offers

Data center cage/room
T-Systems provides data center space on a rental basis, where you can operate your own servers. The data center cage/room is ideal both for a complete outsourcing of servers and for partial outsourcing, e.g. for backup servers.

Rack co-location
The rack offer encompasses 1 to 20 racks in a total of four different package sizes from S to XL. They are based on a planned use of 3 KVA – 10 KVA, which is included in the rental price. Rack co-location is also recommended for legacy systems in combination with geographically neighboring cloud environments for short latency times.

Quarter rack
As a network provider you can also co-locate all your hardware for your customer's connectivity using quarter racks. The rental price includes the utilization of racks and electricity costs. With all three offers, T-Systems bears the responsibility for all facility management, including air conditioning, energy supply, and physical security measures. You can also include geo-redundancy in a T-Systems Twin Core data center as an option.

Additional Services
Whether it's planning, wiring, special access requirements, or situation-specific support: thanks to our Additional Services, you'll obtain any on-site assistance you need from the start. Technicians will intervene quickly if necessary and are available during operation, too. A hotline with service times to suit your requirements (up to 24x7) is also available.

Network
As a subsidiary of Deutsche Telekom, T-Systems offers a broad, needs-based connectivity portfolio. It ranges from dark fiber, 100 Gbit Optical Transport Network (OTN), MPLS via EtherConnect to IP backbones. If you use several providers, T-Systems takes over the task of multi-provider handling.
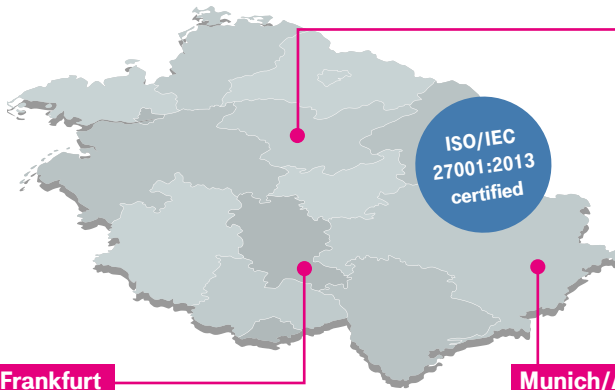
Security
In cooperation with the Telekom Security group unit, T-Systems supports you with security concepts and security reviews – in all phases, including preparation, security checks, and auditing. On request, you can also book encoding mechanisms for your network and your IT data, including encryption hardware.

A secure home for your IT

The co-location offer from T-Systems currently encompasses three high-availability data centers with TwinCore architecture in Biere/Magdeburg, Munich, and Frankfurt. All three data centers have availability of at least 99.982%, the highest security standards and geo-redundancies between the three locations.

They have proven above average energy efficiency and eco-friendliness with a PUE (power usage efficiency) of up to 1.3 compared with the standard industrial average of 1.8 PUE. This calculation is obtained from the total amount of energy consumed and the energy that flows directly into server operation.

ISO/IEC 27001:2013 certified

Biere/Magdeburg

- 10,800 sq m of data center space
- Room for approx. 60,000 systems
- Mirroring at the TwinCore sites which are 18 km from one another
- LEED Gold standard (Leadership Energy and Environmental Design)

Frankfurt

- 7,200 sq m of data center space, flexibly expandable
- Room for approx. 45,000 systems
- Mirroring at the TwinCore sites which are 10 km from one another
- Optional: Rooms certified in accordance with DIN EN 50600

Munich/Allach

- 12,500 sq m of data center space, expandable to 13,400 sq m
- Room for approx. 45,000 systems
- Mirroring at the TwinCore sites which are 9 km from one another

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