

Telekom Edge Cloud

Embracing the Future of Data Processing with Telekom Edge Cloud

As the volume of digital data surges and the need for rapid processing intensifies, the demands on latency, security, and network stability grow increasingly complex. At Deutsche Telekom Global Carrier, we recognized these challenges and have developed Telekom Edge Cloud to meet them head-on.

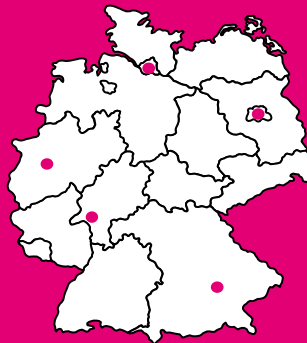
Our solution features five state-of-the-art edge data centers across Germany. This decentralized approach to cloud computing ensures that processing power is delivered exactly where it is needed—right at the edge, close to the end user. By processing data at the point of generation or usage, which are key aggregation points of our network handling both fixed-line and mobile data, we achieve significant benefits: low and stable latency, enhanced data locality, robust security, and scalability.

Telekom Edge Cloud seamlessly integrates the best of public cloud, device computing, and our top-tier network into a cohesive, powerful offering. Experience the future of data processing with unparalleled performance and efficiency.

Edge Infrastructure

Today

- 5 Datacenters in Germany, each with 48 servers (384 CPUs, 4 Nvidia T4 GPUs)
- Connected via Mobile Network
- 100Gbit/s redundant



Buildout '25/'26

- 10+ Datacenters with additional capacity
- Server/GPU update
- Connected via Fixed NW

Customer needs

- ❖ Realtime critical applications
- ❖ Processing of highly secure and sensitive data
- ❖ Mobility critical applications
- ❖ Clarity of the network context
- ❖ Cost and efficiency optimization
- ❖ Reduce complexity and TCO
- ❖ Data sovereignty
- ❖ Scalability
- ❖ Trust

How TEC solves pain points

