



# TELEKOM EDGE CLOUD

Speed, Security, and Scalability at the Edge



# 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.

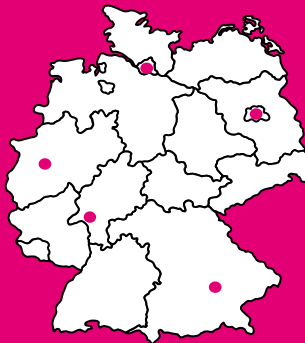
Our solution features five state-of-the-art edge data centers across Germany. This decentralized approach to cloud computing ensures that processing power is delivered exactly where it is needed—right at the edge, close to the end user. By processing data at the point of generation or usage, which are 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



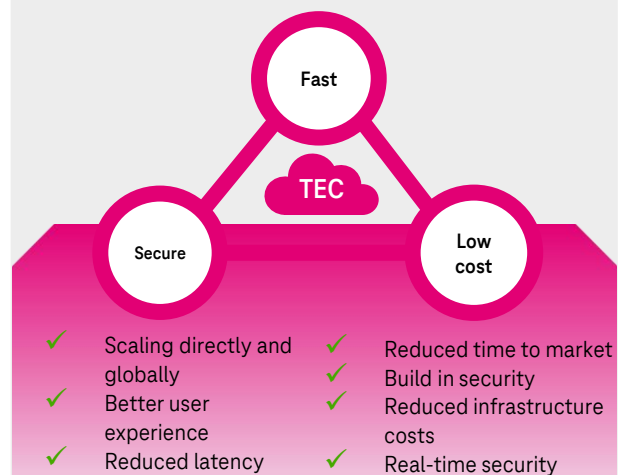
### Buildout '25/'26

- 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





## Customer Pricing TEC

Configuration	Google Cloud	Telekom Edge Cloud	AWS
 Flavour	Custom Flavour with: 4 VCPUs 16GB RAM 40GB HDD Disk	m4.xlarge (same configuration as the Google Cloud)	m6g.xlarge (same configuration as the Google Cloud)
 Price per Hour	0,245€	0,216€	0,170€
 Price per Month (730h)	178,85€	157,68€	124,10€

No Internet Traffic Included

## The heart of Telekom Edge Cloud – Our Platform

Elevate your cloud experience with our fully self-service platform, accessible through a web browser or REST APIs. It supports a diverse range of deployments, including containers, Kubernetes, Helm Charts, and virtual machines. Harness the power of client-side edge discovery with SDKs available for iOS, Android, and Unity, ensuring seamless integration with your applications. Our dynamic provisioning policies optimize resource usage, so you only pay for what you need, while powerful GPU-enabled flavours (Nvidia T4) are available across all locations for enhanced performance. Benefit from comprehensive alert management, real-time monitoring, and debugging tools to keep your systems running smoothly. With remote deployment and testing capabilities, accessible via the internet, you can manage and scale your applications effortlessly. Experience the future of cloud infrastructure with unmatched flexibility, efficiency, and cutting-edge technology—transform your operations with us today!

# Telekom Edge Cloud – The Customer-Centric Edge Cloud with Effortless API Management

Customers are increasingly seeking scalable, data-sovereign edge computing solutions with low latency, and telecommunications companies are well-positioned as trusted partners to enable edge capabilities throughout the value chain. TDG already operates edge infrastructure at five of the twelve key aggregation points, providing users with edge-cloud-based services.

Together with T-Systems' OTC and Campus Cloud solutions (EdgAir), Telekom Edge Cloud bridges the gap in the edge-to-cloud continuum.

Our Exposure, Container Management, and Edge Orchestration platform is currently available as a managed service and can be easily accessed via <https://console.edge.telekom.com>

Want more information?

Contact our Experts:

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