

EdgAIR

Enterprise Edge Computing
powered by T-Systems

CAMPUS runs on the **open-source** product Harvester from SUSE. It is a hyperconverged infrastructure (HCI) software built to support **Kubernetes** and **virtualized workloads**. The platform incorporates the design and ethos of cloud-native computing to power **digital transformation**.

Highly available

Versatile - VMs & K8s

Open source based

EMBEDDED is an internally developed platform that utilizes **open-source** technologies, enabling digitalization, sustainability, and reliability. The platform is hardened by T-Systems' security standards to comply with our zero outage policy.

Business benefits

EdgAIR CAMPUS

- **Highly available** setup to run the workloads or various use cases such as AGV, **AR/VR**, positioning, visual quality control, predictive maintenance, or **Mendix** – low code apps
- **Vendor-agnostic strategy**
- **Unlimited scalability** to enable customers to grow over time
- **Fully managed** service by T-Systems
- Platform with a **low carbon footprint**
- Edge computing services **integrated with 5G Campus Network of Deutsche Telekom**, which is based on highly secure communications

EdgAIR EMBEDDED

- Open source-based **virtualization** based on **KVM**
- **Vendor-agnostic** strategy
- **Ruggedized hardware** (upon request)
- Connectivity via **4G/5G modules**
- Platform with a **low carbon footprint**
- **Fully managed** service by T-Systems in Slovakia
- Built for **Kubernetes**, **VM IT and OT workloads**, predictive maintenance, AI, and many more customer cases
- Industry 4.0: Enabler for **IoT integration** and digitalization of manufacturing

Our solutions provide the customer with on-premise storage capabilities to address their data processing/pre-processing and analytics needs, together with the possibility to deploy a wide range of workloads that are virtualized or containerized by using a single dashboard.

T-Systems delivers a fully managed solution that requires **zero CAPEX** from customers and drives **carbon footprint reduction**, enabling a more sustainable approach to digital transformation.



References and use cases

Manufacturing customer

The goal of the customer's CIO was to standardize sites and the OT (operational technology) and IT services they provide, to monitor them centrally, and to minimize decentralized, superfluous OT and IT services provided by the regionally distributed sites. The **EdgAIR Campus** fit perfectly into the requirement by providing a standardized and highly available landing platform for IT and OT workloads at every site, acting like a local data center at the edge.

Logistics customer

A large amount of data from scanners needs to be processed in real-time on-location at the processing center. With on-premise data storage and a reliable platform which allows the customer seamless operations. **EdgAir Embedded** has been deployed at customer locations/logistics centers providing a next-level platform for data processing and storage allowing virtualized workloads to be run without interruption even in peak seasonal times on a secure platform. This supported digital transformation along with the decrease of maintenance costs and increased uptime of machines.

Business model

Pricing consists of **one-time hardware price + installation/deployment services + monthly support/maintenance fee.**

Change requests (e.g. HW/computational upgrade or consultation services) are offered on a project basis.

Contact us

www.t-systems.com/contact
00800 33 090300*

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T Systems