

Fritz Winter Iron foundry

uSCALE from Fsas Technologies and NetApp enables flexible IT infrastructure on demand



Fritz Winter Iron Foundry transformed its rigid IT infrastructure into a flexible, consumption-based solution. As a result, the company achieved highly available 24/7 services with an optimized cost structure and maximum scalability.

Challenge

The legacy system incurred high operational costs and lacked the flexibility to accommodate future requirements. Our focus was therefore on establishing highly available global IT service delivery from two data centres, alongside enabling bidirectional infrastructure scalability.

Solution

An innovative end-to-end solution was implemented, consisting of PRIMERGY [RX2540](#) M7 servers, the [Infrastructure Manager \(ISM\)](#), a [NetApp](#) AFF C-250 storage solution, and the flexible [uSCALE](#) pay-per-use model.

Benefits

- Future-proof data center solution
- Unified data center management across the entire IT infrastructure
- High availability enabled by PRIMERGY nodes and MetroCluster configuration
- Installation, integration, and maintenance services provided by Fsas Technologies.

„The flexibility we have gained through the uSCALE model gives us the confidence to seamlessly meet future requirements.“

Alexander Schwab, Head of IT and Digitalization / CIO Fritz Winter

Industry:
Metal
Industry

Country:
Germany,
USA, China

Website:
fritzwinter.de

Employees
3.500

The Customer

With more than 70 years of experience as a supplier and partner to the global automotive, commercial vehicle, and hydraulics industries, Fritz Winter Iron Foundry stands for reliability and innovation. As one of the world's largest independent foundries, this family-owned company develops and manufactures raw and finished components as well as complex system parts, including lightweight designs.



Fritz Winter forges future-proof IT with uSCALE and NetApp

The globally operating iron foundry, headquartered in Germany, faced the challenge of fundamentally modernizing its IT infrastructure. The company was running on a rigid, monolithic system that generated high capital expenditures while offering only limited flexibility. The existing stretch cluster configuration resulted in 30 percent over-provisioning and utilization rates as low as 25 percent. Particularly critical were the lack of scalability to meet changing capacity requirements and the insufficient transparency of IT costs.

Tailored transformation with pay-per-use billing

After comprehensive consulting and analysis by Fsas Technologies, Fritz Winter opted for a tailored solution featuring PRIMERGY RX2540 M7 servers and the Infrastructure Manager (ISM) across two data centers. At the core of the solution lies the uSCALE model, serving as the foundation of the approach.

For data management, the centerpiece is the NetApp AFF C-250 storage solution in a MetroCluster configuration, delivering the optimal balance of capacity, performance, and security features. NetApp BlueXP provides unified control of the entire data infrastructure with powerful AIOps and centralized management.

The solution is completed out by uSCALE, Fsas Technologies infrastructure consumption service. It delivers maximum flexibility for scaling server and storage capacity, with billing based only on actual consumption. The concept includes buffer capacity for sudden workload peaks, flexible scaling in both directions, and a transparent cost structure with monthly billing.

Seamless migration without disruptions

The decision was based on the 'magic square' of financing, security through flexibility, partnership-based collaboration, and comprehensive service support. A particularly convincing factor was the opportunity to experience the solution hands-on at the Fsas Technologies Demo Center in Frankfurt. The close collaboration between FSAS Technologies experts and Fritz Winter's IT team enabled a seamless migration without any disruption to business processes.

More information about



Fsas Technologies GmbH

© Fsas Technologies 2025. All rights reserved. Fsas Technologies and the Fsas Technologies logo are trademarks of Fsas Technologies Inc. registered in many jurisdictions worldwide. Fujitsu and the Fujitsu logo are trademarks of Fujitsu Limited registered in many jurisdictions worldwide. Other product, service and company names mentioned herein may be trademarks of Fujitsu, Fsas Technologies or other companies. This document is current as of the initial date of publication and subject to be changed by Fsas Technologies without notice. This material is provided for information purposes only and Fsas Technologies assumes no liability related to its use.

September, 2025