otto group
INFORMATION TECHNOLOGY

„With ONTAP Select @ PRIMERGY, Fujitsu and NetApp have provided us with a coherent all-in-one concept that raises the performance and availability of our storage processes to a new level across all locations.‟

Hauke Tellkamp
System Administrator Professional
Otto Group IT

In collaboration with NetApp, Fujitsu replaced the existing hardware landscape of Otto Group IT and implemented an ONTAP Select @ PRIMERGY solution.

At a glance

Country: Germany
Industry: IT services
Founded: 2016
Website: www.ottogroup.com

Challenge

Otto Group IT's hardware infrastructure was outdated and needed a general overhaul. The goal was to provide a solution that could be managed across locations and significantly increase performance at the same time.

Solution

An all-in-one package consisting of Fujitsu PRIMERGY servers and NetApp storage systems in a cluster configuration ensures highly available IT processes.
The ONTAP Select @ PRIMERGY software-defined storage solution (SDS) permits consistent backup and disaster recovery (DR) at company headquarters and in the 19 field offices.

Benefit

■ Highly available data provision
■ Dynamic capacity expansion for changing business requirements
■ On-site file services and central backup
■ Easy management of known systems (FUJITSU PRIMERGY servers and ONTAP as the storage operating system)
■ Increased performance
■ Shorter response times and faster processing due to the latest hardware

shaping tomorrow with you

FUJITSU

Customer

Otto Group IT is the "digital Spiderman" of the internationally operating Otto Group. As an internal IT supplier and innovative business partner, Otto Group IT assists 123 companies within the Otto Group with efficient fit-for-purpose IT solutions. With a market-oriented tech stack, Otto Group IT works on the latest innovations, services and technologies. The company continuously optimizes automation and virtualization processes while simultaneously emphasizing stability and efficiency.

Products and services

- 2 x NetApp FAS8200
- 1 x NetApp FAS2620
- 2 x FUJITSU PRIMERGY RX2540 servers in each field office
- ONTAP Select @ PRIMERGY (also as SDS MetroCluster)
- ESX virtualization solution from VMware

Need for a simple, high-performance solution for efficient IT processes

As the IT service provider for the Otto Group, its parent company, Otto Group IT needs to have a high-performance and reliable IT architecture. After operating for six years, the existing hardware was ready for the scrap heap. In addition, the operating system was no longer state of the art, and the maintenance agreement had expired. This meant that the entire infrastructure had to be completely replaced. The service provider needed a simple yet high-performance solution that would permit efficient IT processes and which could be uniformly managed across all locations. The company headquarters in Hamburg as well as the 19 field offices had to be connected to the concept. Consistent, centrally controlled backup processes needed to ensure highly available and failsafe data provision. The IT service provider went looking for a partner who had powerful hardware systems as well as extensive experience in implementing high-performance IT infrastructures.

For years now, Otto Group IT has already been working successfully with Fujitsu and NetApp, based on positive experience and enormous satisfaction. It was therefore logical to bring the two proven partners on board when it came to updating the IT environment. "Fujitsu and NetApp not only presented us with a convincing overall concept. They also have the necessary expertise and tools for migrating and transitioning systems. We were also already familiar with their technologies and knew the contact persons, which made cooperation a whole lot easier," explains Hauke Tellkamp, System Administrator Professional at Otto Group IT.

An integrated solution with NetApp Storage and Fujitsu Server PRIMERGY

Working together with experts from the two partner companies, Otto Group IT thus designed and implemented an integrated infrastructure solution made up of NetApp Storage systems and Fujitsu PRIMERGY servers. Two NetApp FAS8200HA hybrid-flash arrays and one NetApp FAS2620HA system are in operation at headquarters in Hamburg. All 19 field offices, including call centers and warehouses, are each using two PRIMERGY RX2540 servers as clusters, as well as the ESX virtualization solution from VMware. In these locations, the physical hardware was replaced with the virtual, software-defined ONTAP Select storage solution. Data is replicated between headquarters and the field offices to ensure reliable, centrally controlled backup processes. As a result, synchronized, consistent data is always available throughout the entire company as a failsafe measure. The NetApp FAS2620HA system is also used as a storage medium for long-term backup of the file services over a 52-week period, and the data is always replicated at night.

"We have benefited enormously from good collaboration with the entire project team and their high level of professionalism. The seamless integration and coordination between the many field offices presented a challenge for the migration effort, but our partners handled it successfully. When it came to setting up a new logistics center, we were also able to rely on proven experts with the necessary technological knowledge. The fact that the handling procedures and local conditions were already known saved us a lot of time," confirms Hauke Tellkamp. The entire project could thus be pulled off in twelve months, from the start of the invitation to bid to completion.

Consistent storage concept for headquarters and 19 field offices

Since replacing its IT landscape, Otto Group IT has benefited from the highly available, failsafe provision of all data as well as much higher system performance. This means that all processes can be carried out much faster. The company headquarters and the 19 field offices were integrated into a consistent storage concept by combining Fujitsu PRIMERGY servers with NetApp storage arrays. The virtual ONTAP Select @ PRIMERGY solution simplifies and optimizes the entire backup procedure, so that the systems can be centrally backed up and uniformly managed. In addition, the server resources can be used more efficiently, thanks to ONTAP Select, which reduces the total cost of ownership. Finally, the flexibility could be significantly increased by virtualizing the physical hardware in the decentralized locations.

"With ONTAP Select @ PRIMERGY, Fujitsu and NetApp have provided us with a coherent all-in-one concept that raises the performance and availability of our storage processes to a new level across all locations. The powerful PRIMERGY servers from Fujitsu form a reliable hardware basis for this concept," Hauke Tellkamp sums up.

FUJITSU

IN COLLABORATION WITH

NetApp