

Case Study

DARZ – Darmstädter Rechenzentrum

»Combining FUJITSU's technology with PROFI's skills and expertise has given us the quality, security and flexibility we need to join the DBCE marketplace.«

Lars Göbel, Head of Sales and IT Operations, DARZ



The customer

Country: Germany
 Industry: IT
 Founded: 2007
 Website: www.da-rz.de



The challenge

Constructing an efficient, flexible, secure, multi-client capable infrastructure to enable the company to join the Deutsche Börse Cloud Exchange (DBCE) marketplace. Integrating the OpenStack framework.

The customer

The Darmstädter Rechenzentrum (Darmstadt Data Center, DARZ) is based in the most secure place in the German state of Hesse – the former vaults of the state's central bank. Its foundations were used to build what is now a 2,400 square meter, high-security, eco-friendly data center. As well as having a very secure building, DARZ is committed to maintaining the highest levels of quality and security in terms of its data center infrastructure, and as it is situated in Germany, it is also subject to strict data protection regulations. The company's motto says it all: "Data is more valuable than gold". As a full service provider, DARZ offers a wide range of products within the fields of colocation, managed services and consulting to ensure that projects are tailored to meet customers' needs and desires.

The challenge

DARZ GmbH wanted to sell IaaS (Infrastructure as a Service) resources on the recently launched, provider-agnostic Deutsche Börse Cloud Exchange (DBCE) marketplace. The exchange gives companies the opportunity to provide their cloud capacities to a large number of potential customers through a single marketplace. To join the DBCE marketplace, cloud providers must fulfil a number of requirements concerning features such as data protection, multi-client capabilities and location-specific criteria (governing region). This means that future customers of the cloud marketplace can define precisely where they would like their data to be stored, i.e. which governing region it will be under and therefore which data protection regulations will apply. The DBCE uses TÜV certifications to ensure that these conditions are adhered to.

In order to participate in the DBCE marketplace, DARZ needed an infrastructure concept that would both meet these requirements and also be very efficient. "We value quality and security very highly," says Lars Göbel, Head of Sales and IT Operations at DARZ. "It was also important for us to have a scalable solution that would be able to adapt as our business develops."