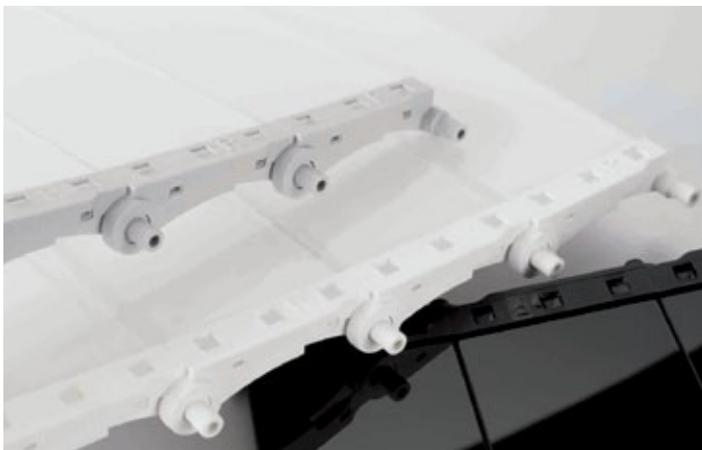


# Case study

## REHAU provides worldwide IT services from the Private Cloud

»Private Cloud is absolutely perfect for us because flexibility with 'use your own device' is our priority.«

Thomas Schott, CIO, REHAU



### The Customer

REHAU is a premium brand for polymer-based solutions and an international market leader in the field of building, automotive and industrial services. The company employs more than 15,000 staff at over 170 locations.

[www.rehau.com](http://www.rehau.com)



### The Challenge

Maximum flexibility and mobility with the motto 'Use your own device': REHAU employees should be able to access IT services wherever they are and, if necessary, with their own private equipment.

### The Solution

Cloud Services from Fujitsu to establish a Private Cloud based on Fujitsu servers and software from Citrix.

### Increased flexibility thanks to Cloud Computing

IT departments have always claimed to provide their members of staff with powerful and efficient IT services. With the advent of Cloud Computing, this has become even easier to achieve. Thanks to the Cloud, IT becomes independent of platform and location and REHAU is making consistent use of this technology.

### REHAU – Unlimited Polymer Solutions

Named after the town of Rehau in North-East Bavaria, the global company REHAU still maintains the head office for its Automotive and Industrial divisions here. The international corporate headquarters is now located in Muri near Bern, Switzerland. The polymer processor produces plastic solutions for a wide range of industrial purposes. With reference to its product titles (with the "RAUVOLET vetro line" glass rolling shutter system for example, REHAU offers an innovative and high quality design element for the kitchen, bathroom or living room, see photo), the company christened its new Private Cloud RAUCLOUD.

### Increased mobility with the Cloud: 'Use your own device'

The reasons for this step into the Cloud are self-evident: as a global organization with 15,000 employees in 50 countries (8,000 in Germany), REHAU is so large and diverse that a flexible supply of IT services is essential. REHAU staff members are not tied to a desk at a single location, but need to be able to work just as comfortably and efficiently at another REHAU branch or at a home office. The RAUCLOUD, supported by a centralized, standardized data center, allows employees to be independent of their location: practically every IT service is accessible at any time, anywhere. Therefore, Cloud Computing at REHAU is a genuine enabler for sustainable corporate success. "The issue of 'any service @ any place @ any time' has incredibly high value, especially with the young people in the company," says Thomas Schott, REHAU's CIO. "As CIO, I have to make sure that the necessary conditions for that exist."

### The benefit

- Increased flexibility thanks to free choice of end devices
- Improved use of hardware resources
- Enhanced data security

### Products and services

- Servers: 2 x Fujitsu PRIMERGY RX300 S7
- Cloud Software: Citrix XenApp 6.5
- Encryption Software: Citrix Netscaler VPX 200
- Services: Fujitsu Consulting Services

### Mobile working with your own Smartphone

Of course, even before the RAUCLLOUD, it was possible for REHAU employees to work when they were on the move. The usual Remote Access solution was connected to the provision of a company notebook computer, which proved extremely expensive. On the one hand, a notebook is considerably more cost-intensive than a desktop PC; plus the software had to be specially installed on the notebook. For security reasons, hard drive encryption was also necessary: the drive contained company data that should not fall into the hands of third parties if the computer was lost. "In the past, the restriction to company notebooks clearly limited flexibility," says Christian Baier, Head of Information Technology/Infrastructure at REHAU. "Before, when I wanted to work outside the office, I always had to take the company computer with me – even if I just wanted to read my e-mails on Sunday. The RAUCLLOUD allows us to break through these limitations. For the first time, we can integrate the whole area of mobile computing. Now our staff members can also work using their smartphones when they are away from the office. Accessing our services has also become a lot easier."

### Simply use applications from the Cloud

Already more than 200 REHAU employees are taking advantage of the possibility of logging into the company's Private Cloud when they are on the road. Here, they can access SAP systems, their e-mails, Office programmes, Microsoft Sharepoint, ERP software and E-Learning programmes. The conclusion from Benjamin Brausse of REHAU's Corporate IT: "The staff are very pleased with the new system. Access is now faster and less complicated than with the previous company notebooks, and the performance has also increased." All this is made possible by two powerful PRIMERGY RX300S7 servers from Fujitsu, located in the data center at the Rehau division headquarters, and which provide the platforms for Citrix XenApp. This solution delivers the REHAU applications for the RAUCLLOUD portal, which staff members can then access via the Internet.

### Security: No compromises

This procedure is as secure as it is simple: the first time they use the system, employees simply have to download and install a Citrix plug-in. "The RAUCLLOUD is protected by a 2-factor authentication via Citrix Netscaler," says Benjamin Brausse, "Because we didn't want to make any compromises when it comes to security. Each time they log in, staff members can use a token to generate a one-time password and with this they can register at the RAUCLLOUD web portal. If someone doesn't have the token, they can't access our Private Cloud." To ensure maximum data security, any form of data exchange with the end device is impossible: "We maintain all data in the data center – the user simply accesses it," says Brausse by way of clarification. "Because we have no way of knowing if employees have viruses or Trojans on their home computer or smartphone. It would be much too expensive to also take care of this local security aspect." And from the company's perspective, even the loss of a private end device creates no problems, since none of the company's data can be stored on it.

### A Cloud that pays for itself

From a cost perspective, the advantages are also clear: calculating all the licences for Citrix XenApp and Netscaler for 500 staff members, REHAU has a cheaper solution compared to the previous mobile access option via the company notebooks with installed software and VPN connection. "Over a four-year timeframe, we'll save 200 euros per employee," Christian Baier says. He estimates that, in the near future, around 1000 staff members will use the RAUCLLOUD.

**"Fujitsu was our primary consulting partner when it came to making this solution workable. In just ten support days, Fujitsu achieved this in an amazingly short time. Fujitsu contributed technical expertise, knowledge and experience to the success of the RAUCLLOUD. They understood and fulfilled our requirements and our wishes. In our view, we received optimum consulting."**

Christian Baier, Head of Infrastructure, REHAU

Partner



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