

Case Study

WOBAU Velbert mbH

» The PRIMERGY BX900 Blade System has saved us from using multiple servers. The administration process has also been hugely simplified, which is a great benefit to us as a property business «

Michael Ratz, Head of IT, Wohnungsbaugesellschaft Velbert mbH



The customer

The city of Velbert is situated in the heart of North-Rhine Westphalia between the Ruhr, Düsseldorf and Wuppertal. WOBAU Velbert (Wohnungsbaugesellschaft Velbert mbH) is the largest residential construction company in this city of 83,000 people. It owns around 2,800 homes and manages a further 1,000 for various third parties. As a local housing company, WOBAU sees itself as an ambassador for the city of Velbert, and a campaigner for social housing. WOBAU's 50 years of experience in support and management are a major benefit for the private owners' associations and landlords with whom it works. The company also sells some properties and land to help families fulfill their dream of owning their own home.

The challenge

IT always plays a large role in a modern residential building company. WOBAU Velbert works with Aareon's Wodis Sigma ERP system. *"This software is optimized for our business and is very complex and comprehensive,"* explains Michael Ratz, Head of IT and Project Management for WOBAU. *"We use many of this software's modules, for example book-keeping for our finances and rent, maintenance and modernization. The performance of our current IT environment was simply no longer sufficient."* The company also wanted to improve security and accessibility.

The solution

The Fujitsu SELECT Expert Partner Oberberg-Online Informationssysteme GmbH was able to deliver the best solution. The system house, based in Gummersbach, places great value on scalability and recommended a large PRIMERGY BX900 Blade System, an ETERNUS DX90 as a fast storage resource with an ETERNUS LT40 as a magnetic tape backup solution. WOBAU's 40 employees will also use Fujitsu hardware - ESPRIMO P400 PCs with large, 23 inch screens.

THE CUSTOMER

Country: Germany
Industry sector: Property
Founded in: 1962
Employees: 40
Website: www.wobau-velbert.de



CHALLENGE

Renovation of the data center and client infrastructure due to poor performance and high maintenance and electricity costs.

APPROACH

Fujitsu PRIMERGY BX900 Blade Server to consolidate the server hardware, combined with the ETERNUS DX storage system, robust Fujitsu ESPRIMO PCs and an ETERNUS LT Tape Library for backups.

THE BENEFIT

- High efficiency in a data center tight on space, thanks to the Blade System's ultra-compact design
- Reduced energy costs due to the more efficient systems (e.g. the 94% efficient, 80 Plus Platinum certified power supplies)
- Twice the performance when compared with the previous IT environment
- High accessibility with secure servers, storage, backup and client systems

PRODUCTS AND SERVICES

- Servers: 1 x PRIMERGY BX900 S2 Blade Server, 5 x PRIMERGY BX920 S3 Server Blades, 1 x PRIMERGY RX200 S7
- Manageability Software: ServerView VIOM
- Storage systems: 1 x ETERNUS DX80 S2 disk storage system
- Backup system: 1 x ETERNUS LT40 S2 Tape Library
- Clients: 40 x Fujitsu ESPRIMO P400 Microtowers, 40 x Fujitsu E23T-6 LED 23 Inch Displays
- Service: Sizing, installation and remote maintenance from Fujitsu SELECT Expert Partner, Oberberg-Online Informationssysteme GmbH (Gummersbach)

The benefit

AAs WOBAU Velbert does not have a large in-house IT department, it was important to find a service provider that could offer all-round support. The new environment also needed to be as low-maintenance and as easy to use as possible. A Blade System was the obvious choice. The PRIMERGY BX900 gives WOBAU a kind of mini data center 'in a box' as up to 18 Server Blades can be slotted into one rack. "It's so easy, we can even expand it ourselves," explains Michael Ratz. "But the best feature, from our point of view, was the consolidation effect. Instead of seven individual servers, we now have one large Blade System with five Server Blades. It saves so much space and energy."

Oberberg-Online will monitor and carry out maintenance on the WOBAU data center in Velbert from 30 km (19 miles) away in Gummersbach. "WOBAU's new PRIMERGY BX900 Blade System will be sufficient for at least five years," emphasized Jörg Wegner, Sales Account Manager for Oberberg-Online. "Administration time has dramatically decreased; if they need to expand their resources, we just have to add a new Blade. It takes no more than 30 minutes, and is cheaper than buying a new stand-alone server."

The same is true for storage. The new, scalable ETERNUS DX90 storage system has eliminated the need for multiple smaller systems. To increase security, the ETERNUS system mirrors all of the data. If a hard drive fails, this data can be restored quickly. All data is also recorded onto magnetic tape as part of a permanent backup process.

Conclusion

The improved stability and performance benefits both WOBAU's employees and their customers. Alongside their colleagues in the center, other employees in the four management offices in the residential areas and the lettings agency in the city are accessing the data center, so that they can all work with Wodis. This software is the central application for WOBAU Velbert. Its speed and security

saves the customers time and increases employee satisfaction. "As everything is now so stable and efficient, we can now manage larger building projects much more easily," says Michael Ratz. "We will continue to invest in the redevelopment of our property portfolio. Our new IT systems will support us fantastically in this respect." WOBAU has even invested in a thermal imaging camera to help them identify weak points in houses more easily. They can then add more insulation to points where too much heat is escaping, meaning energy savings for the tenant. "Analyzing the enormous amount of image data is not a problem thanks to the faster computers." Michael Ratz explains the extent to which the new IT environment has improved the business:

„Order processing and detailed bids are now running much faster. The new environment has given us a definite performance boost; the speed of our systems has more than doubled. Our energy costs have decreased by around 50% so that the total energy requirements for our IT systems can be met just by the solar panels on the roof.“

About Fujitsu

Fujitsu is the leading Japanese provider of information and communication technology (ICT)-based business solutions offering a wide range of technology products, solutions and services. The team, consisting of more than 170,000 employees, support customers in more than 100 different countries. Fujitsu uses its expertise in ICT to shape the future of the company together with its customers. For more information, visit www.fujitsu.com/de

In collaboration with



Contact

Fujitsu Technology Solutions
Phone: +49 (0) 1805-372 100
E-mail: cic@ts.fujitsu.com
Website: de.fujitsu.com
2013-07-05

© Copyright 2013 Fujitsu, PRIMERGY, ETERNUS, ESPRIMO and the Fujitsu logo are trademarks or registered trademarks of Fujitsu Limited in Japan and other countries. Other company, product and service names may be trademarks or registered trademarks of their respective owners. Technical data subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.