

success²

PRIMEPOWER

OSRAM GmbH is using a high availability solution to move toward the goal of integrating and consolidating its IT platform in order to run mySAP Business Suite. The hardware for this ambitious project at OSRAM will be the high-end servers from the PRIMEPOWER family, with their cutting-edge eXtended Architecture. The broad range of requirements for high availability and disaster recovery are fulfilled with the powerful PRIMECLUSTER product suite. As part of a complete offer, Fujitsu Siemens Computers is also responsible for supporting migration and implementation and creating all the necessary interfaces.

Inspire your Business: www.fujitsu-siemens.com/PRIMEPOWER

THE USER

OSRAM GmbH:
One of the world's largest lamp manufacturer, with sales of 4.4 billion euros and around 35,000 employees

THE TASK

Migration of mySAP Business Suite systems to a new hardware and operating system platform

THE SOLUTION

Installation of a disaster-tolerant high availability solution with PRIMEPOWER high-end servers

"By integrating and consolidating the hardware platforms for our mySAP Business Suite infrastructure, we are continuing our initiatives to strengthen the competitiveness of OSRAM even more as a leading high-tech company in international markets. We chose PRIMEPOWER servers with PRIMECLUSTER to ensure the necessary performance, reliability and maximum availability for these business-critical applications."

Robert Blattenberger, Senior Director Information Technology, OSRAM GmbH IT/IO.



New platform for worldwide mySAP Business Suite solutions

OSRAM bases strong market position on innovative products and IT strategies

With its lighting systems and light bulbs, OSRAM ensures good visibility all over the world. By strategically focusing on innovative products, the company is bolstering its position in international markets, where it is now already number 2. OSRAM reported sales of 4.4 billion euros in fiscal 2001/2002. In recent years the company has systematically transformed itself from a producer of light bulbs to a high-tech group, and currently employs some 35,000.

Establishment of a powerful IT infrastructure

OSRAM's path to becoming a high-tech company is based on a powerful IT infrastructure. As early as 1999, it launched the project "Europe 2005." The core of the initiative is to introduce systematic supply chain management (SCM) to enable central planning and control of the flow of goods and information between OSRAM, suppliers and customers. The SCM project has the following goals: greater transparency throughout the process chain between procurement and the sales market, short order lead times and a high degree of flexibility in production. "Europe 2005" also focuses on the use of new forms of e-business in order to leverage additional sales opportunities and strengthen customer loyalty by optimizing the quality of service. For this purpose, OSRAM is introducing, among other things, an extensive online catalog containing approximately 12,000 items, and offering direct ordering and an integrated availability check in real time.

Requirement: uniform platform for mySAP Business Suite

The software on which OSRAM's global application environment is based is SAP, with the focus on the business management and logistics applications of SAP R/3 and the e-business solutions provided on the mySAP Business Suite platform. In order to create a uniform system platform for this infrastructure, OSRAM introduced a consolidation program for migrating its SAP R/3 applications to a new hardware and operating system. This required a highly available, secure and reliable hardware environment, which led OSRAM to the decision to continue its strategic partnership with Fujitsu Siemens Computers – a partnership that has existed since the spring of 2000 and is currently maintained and enlivened by the LoB Global Account Siemens Group.

Decision in favor of PRIMEPOWER

Fujitsu Siemens Computers presented a PRIMEPOWER enterprise server concept for the consolidation project that completely persuaded OSRAM's decision-makers. The technical performance data met the requirements, but even more, the necessary investment protection was ensured thanks to the possibility of integrating the new platform in the existing IT environment. Because of these features, Fujitsu Siemens Computers was awarded the contract to implement the project as a complete solution from a single source. The project includes a high availability

solution based on PRIMECLUSTER – at first locally and later with two data centers located 100 km apart. In these data centers, two PRIMEPOWER 1500 high-end models are operated as database servers to supply the performance needed for running the R/3 applications for Europe. In addition, these centers supply the resources for the SAP data warehousing solution (mySAP™ BI) and the SAP logistics solution for optimizing planning and control of the logistics chain in real time (mySAP™ SCM). The power and high fault tolerance of the PRIMEPOWER eXtended Architecture servers in conjunction with the PRIMECLUSTER high availability solution form an excellent foundation for 24-hour operation of the database. A strategic decision was made in favor of Oracle, a database that is extremely flexible and thus satisfies OSRAM's complex requirements, because refined high availability concepts in particular require support by the database as well. Seamless and extensive integration of heterogeneous mySAP™ solutions is a strength of Fujitsu Siemens Computers.

Integrated: storage, backup and restore

But Fujitsu Siemens Computers' solution concept offered more than just persuasive technical performance – the company also scored points against the competition by assuming responsibility for handling all interface issues. What's more, the task areas of storage, backup and restore were also address-



ed in the proposed solution: new EMC² systems from the Connectrix family are being used with NetWorker as the backup medium at OSRAM.

In brief

As part of its initiative "Europe 2005", OSRAM is focusing its attention primarily on European markets that are growing into a new and powerful single-currency economic unit thanks to expansion of the European Union and the introduction of the euro. In order to actively meet the challenges this entails and to tap and supply European markets even better, OSRAM compiled a catalog of measures and grouped these in the "Europe 2005" project. Fujitsu Siemens Computers is supplying the system platform for the IT projects in "Europe 2005".

Data and facts

Hardware for SAP consolidation:

- > 2 x PRIMEPOWER 1500
- > PRIMERGY systems

Storage:

- > EMC² Connectrix
- > EMC² Symmetrix

Software:

- > PRIMECLUSTER
- > mySAP™ SCM
- > mySAP™ BI
- > mySAP™ SRM
- > Oracle database



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