

success²

PRIMEPOWER™

The fleet management service subsidiary "Fuhrparkmanagement" in Nuremberg is responsible for managing some 60,000 vehicles for Deutsche Post AG. It does this using the fleet management IT application "Fuhrparkmanagement". This solution, which was developed by Deutsche Post ITSolutions on behalf of the company's transport division 16, is based on Oracle9i Real Application Clusters (RAC). The database stores all data centrally and makes it available around the clock for all types of evaluations, additionally allowing the generation of reports needed to identify the savings potential of the fleet. Only a short time ago, the data collection and data storage functions of the fleet management IT application were distributed over 139 servers, thus incurring enormous administration overhead. These 139 servers have now been consolidated into two PRIMEPOWER 400 servers (cluster configuration). Apart from the excellent six-digit savings in the IT area, a basis was also created for ensuring optimal cost control of the fleet.

Powering the Information Age: www.fujitsu-siemens.com/PRIMEPOWER

THE USER

Deutsche Post AG,
GB 16 Transport MAIL,
EXPRESS Germany,
Service Subsidiary
Fleet Management

"Fujitsu Siemens Computers is one of our strategic business partners. We have relied on the IT solutions from Fujitsu Siemens Computers for many years and have opted again this time for PRIMEPOWER."

Thomas Meier, head of Deutsche Post ITSolutions GmbH (IT solutions provider of the Deutsche Post World Net Group).

THE TASK

Server and database
consolidation,
reorganization of
business processes
and information
gathering

THE SOLUTION

Oracle9i Database
with Oracle9i Real
Application Clusters
and PRIMECLUSTER
on PRIMEPOWER
servers



Deutsche Post is on the right track with PRIMEPOWER



Central with high availability

What was required was a system that would provide centralized and highly available data management. The system had to be easy to administer and offer state-of-the-art technology.

The “fleet management” solution is designed as a traditional client/server application and works with two servers. The decision was made early last year to migrate to an Oracle9i Database Release 2 and to use the Real Application Clusters (RAC) Database option. This set the stage for consolidating all 139 existing databases and migrating to two Solaris/SPARC-based PRIMEPOWER servers from Fujitsu Siemens Computers. The ambitious demands in terms of high availability of the database are realized by the PRIMECLUSTER cluster product suite together with Oracle9i RAC. Every server can take over the functions of its partner in a split second. This ensures extremely high availability and reliability. One server handles operative working processes of the some 400 clients (e. g. invoice listings), while the other serves as a basis for reports and evaluations of the Deutsche Post fleet.

Consolidation into two server systems in the IT sector significantly reduces costs in relation to hardware, operation and administration. The Oracle Data Warehouse

used in the fleet management solution provides excellent stock and cost transparency for Deutsche Post AG and likewise allows excellent savings to be made. A path that the company is keen to follow.

Why PRIMEPOWER?

Deutsche Post decided in favor of Fujitsu Siemens Computers thanks to the successful cooperation enjoyed with the company over many years and because of its positive experiences in a number of cluster projects. PRIMEPOWER was chosen as the hardware because UNIX systems were able to demonstrate the performance levels established in standard benchmarks. The calculations with regard to the total cost of ownership were a further convincing argument.

The project

- > Fast and reliable implementation ensured excellent customer satisfaction
- > Project completion and startup took place just as planned

Key benefits

- > High savings potential with server consolidation
- > Highly available application with PRIMECLUSTER
- > High performance with low total cost of ownership

Hardware

- > 2xPRIMEPOWER 400 – 4 CPU – 4 GB RAM
- > FibreCAT FC4700

Software

- > Fujitsu Siemens Computers PRIMECLUSTER
- > Database: Oracle9i Release 2 with Real Application Clusters Option (RAC)

Contact

Fujitsu Siemens Computers GmbH
LoB Telecommunication, Transport and Media

Andrea Braum
Rathausplatz 3 – 7
61348 Bad Homburg, Germany

Phone +49 (0) 61 72 188 67 58
Fax +49 (0) 61 72 188 97 29
andrea.braum@fujitsu-siemens.com

Fujitsu Siemens Computers GmbH
Strategic Alliance Oracle
Stefan Englet
Otto-Hahn-Ring 6
81730 Munich, Germany

Phone +49 (0) 89 636 530 32
Fax +49 (0) 89 636 437 46
stefan.englet@fujitsu-siemens.com