

success²

PRIMERGY

The German Police Force of North Rhine-Westphalia (NRW) uses a system called M1 from MACH Corporation to run their entire range of business operations, including budgeting, warehousing, procurement, inventory and stock management, controlling, and cost and service accounting. The NRW Police Force had been using the M1 system for several years to support some of their local police districts. They wanted to expand their system to include all of their districts. Of course, this type of expansion could normally require much greater costs for hardware, software and for maintenance overhead. The Police Force decided that they wanted to use a centralized database to keep maintenance personnel to a minimum, and Intel-based hardware to reduce hardware costs. The Police Force examined the costs of using Oracle9i Real Application Clusters, running on Linux clusters on Fujitsu Siemens hardware. Their analysis showed that they will achieve significant yearly savings with the Oracle/Linux solution.

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



THE USER

Police Force of NRW, 7 districts, each with over 500 MBs of individual data, 7000 users

THE TASK

Implementation of a centralized database and Intel-based hardware from Fujitsu Siemens Computers

THE SOLUTION

Oracle9i Real Application Clusters, running on Linux clusters on Fujitsu Siemens hardware



"By using Oracle9i Real Application Clusters on an Intel-based Linux cluster, we estimate that we will be able to save a significant amount of money."

Polizeidirektor Detlef Gernandt



The Police Force scales with Real Application Clusters – and saves money



High Level Project Goals

- Implementation on lower-priced, Intel-based hardware
- Reduction of maintenance overhead
- Greater scalability to include 65 districts in their centralized system

Why Oracle?

The Police Force initially implemented their M1 system on 7 separate Informix databases, but they converted to a centralized Oracle system in 2000. They initially used Oracle with a standby database for high availability and were happy with the results.

Numbers speak louder than words

The NRW Police Force was able to get their M1 applications running against Oracle9i Real Application Clusters in less than 7 days without having to change anything in these applications to work with Real Application Clusters. They have seen some immediate improvements in performance and availability. The Police Force is currently in production supporting 7 districts each with over 500 MBs of individual data. They are presently supporting a user community of over 7,000 users.

Future plans

The Police Force plans to roll out the M1 system to 65 police districts, which will encompass a user community of over 25,000 users and a database of over 30 GBs.

Key benefits

- High availability
- Reduced administrative personnel
- Good scalability

Corporate Profile

- German Police Force
North Rhine-Westphalia, Germany
The Police Force of North Rhine-Westphalia, the most populous district in Germany with over 17 million residents.
- Industry
Public services
- Employees
approx. 45,000

Oracle Products & Services

- Oracle9i Database
- Oracle9i Real Application Clusters

Hardware:

3node cluster of Fujitsu Siemens Computers PRIMERGY N800 servers, each populated with 4 Intel® Pentium® III Xeon™ processors and using 10 GB RAM.

Contact

Fujitsu Siemens Computers GmbH

Competence Center
Peter-Rainer Kurth
Schwannstr. 10
D-40476 Düsseldorf, Germany

Tel.: +49 (0) 211 474 2646
Fax: +49 (0) 211 474 2093
peter-rainer.kurth@fujitsu-siemens.com

Fujitsu Siemens Computers GmbH

Strategic Alliance Oracle
Alexandra Portz
Otto-Hahn-Ring 6
D-81739 Munich, Germany

Tel.: +49 (0) 89 636 53031
Fax: +49 (0) 89 636 43746
alexandra.portz@fujitsu-siemens.com