



Libelle

The Timken Company - Canton, OH Server Move made easy. Even across Continents.

Overview

Challenge:

Part of Timken's Computing Systems are based on Oracle Applications and used to be located in Kuensbeck/ Germany. When it was time to move the production servers out of Germany and to the Timken Headquarter in Canton, OH there was one challenge to be mastered: The Timken Systems need to be up 24 hours, 7 Days a week. How can you move almost half a Tera-byte of data within only a few hours?

The solution was **DBShadow**[®] and the moving the complex landscape turned out easier than anyone expected.

About TIMKEN

Timken keeps the world turning, with innovative ways to make customers' products run far smoother, faster and more efficiently.

Timken's highly engineered bearings, alloy steels and related products and services turn up everywhere – on land, on the seas and in space. Timken operates in 27 countries with a gross sales of \$5.2 billion in 2005 and 27,000 employees world-wide.



Server Move without Downtime

The server move started by creating tapes from the production system in Germany which were then shipped to the United States.

DBShadow was activated simultaneously and changes were sent to the server in Canton using a 1.5 MBit WAN. After the restore of the tapes in the Canton a few days later, the **DBShadow** processes on the mirror systems took care that the changes from the production system are continuously applied. **DBShadow** was now keeping the mirror in the U.S. ready to take over production.

Flipping the Switch

Before flipping the switch, there was a "dry run" scheduled to test if everything will be going as planned. Next, the main move was executed on a weekend.

With the help of **DBShadow**, everything was synchronized and switched in less than twenty minutes to Canton. The Timken project team then took time to do minor application adjustments and have key users doing extensive validation tests before the systems were going live in Canton after a total of four hour scheduled downtime.

Benefits

- Intercontinental server move to the U.S. from Germany with only insignificant downtime.
- **DBShadow** turnkey solution provides easy of implementation, maintenance and switchover.
- High Performance WAN features enables data move over limited bandwidth.

"We were using **DBShadow** in Germany for many years. When we had to move our application to the U.S. we were thrilled to figure out that **DBShadow** is not only a great solution to protect against system downtime, but also to move our critical application literally at the push of a button to the U.S. We were very pleased about **DBShadow** and how successfully the project went. We feel very safe to now have **DBShadow** in place as Disaster Protection in Canton, Ohio."

Bob Howes,
European IT Operations Manager

TIMKEN
Where You Turn

Contact

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