



Data Sheet

Solaris Migration Case Study

Financial Services Application Software Migration

❑ The Situation

It is becoming increasingly common for financial institutions to merge or strike strategic alliances, yet many of the advantages to be gained through mergers fail to become reality due to systems incompatibility and integration issues. The tangible benefits to be realized through application and data consolidation have a very real, significant impact on the bottom line:

- ❑ Improved access to customer information
- ❑ Reduced costs
- ❑ Improved customer service
- ❑ Increased operations efficiency

❑ The Challenge

A world-renowned financial institution in New York City needed to migrate their in-house mortgage trading system application and database from HP-UX and Sybase to the corporate standard platform comprising Sun Solaris with Sybase. The system was an in-house development which implemented proprietary rules to manage the buying and selling of mortgages on the open market. The company chose TrekLogic as the most experienced partner to solve a very unique set of challenges surrounding what, at first sight, should have been a straightforward migration project:

- ❑ No design documentation existed for the system
- ❑ Of the original development team, only the Project Manager was still with the company
- ❑ The system relied upon software components developed five years ago as a University research project - the source code could not be located
- ❑ The system relied upon X11, whose behavior on Solaris is very different to that on HP

❑ The Solution

TrekLogic staff initiated the project by working closely with the original Project Manager to fully document the existing components. Our proven, methodical migration process then ensured that the application port proceeded smoothly, including the X11 implementation, while another team worked with the University to adapt the current component release in order to recreate the original source.

Through a mixture of onsite and offsite working, TrekLogic's highly experienced project team migrated the application and database, and performed full functional testing, over a six-month duration.

❑ The Result

The migration of the customer's system to Solaris was accomplished with resounding success, ahead of time and below budget.

- ❑ The TrekLogic team delivered the fully tested system within six months, working closely with customer staff and University staff.
- ❑ The company was able to leverage the reduced hardware costs, along with all the benefits arising from common platform adoption, within a short time period.
- ❑ By re-engineering the University software component, a lengthy and expensive software rewrite was avoided.
- ❑ The Solaris version showed a significant performance improvement, further improving the company's competitive edge.

