

A leading integrated retailer
reduces costs and increases
ROI with OpenFrame



This U.S. retailer focuses on seamlessly connecting the digital and physical shopping experiences to serve its customers wherever, whenever, and however they want to shop.

The retailer has a social shopping platform that rewards its members for shopping at its brands and other retail partners. It operates through several subsidiaries, with full-line and specialty retail stores across the U.S.

Retail

CHALLENGES

- 10 core business systems (9500 MIPS) residing in 6 IBM mainframes
- Maintenance fees and licensing costs increasing each year
- Having to use mainframe technology exclusively was costly and affecting agility
- Tightly coupled business system environment was difficult to manage

TMAXSOFT SOLUTION

OpenFrame, Tibero

RESULTS

- 50% reduction in costs
- Increase in ROI compared to mainframe
- “Lift and shift” protected business logic
- No change to end-user experience
- More manageable environment
- Customer benefits from flexibility of the Tibero RDBMS
- Migration completed in 12 months





The challenge

The customer's 10 core business systems (9500 MIPS) were housed in six IBM mainframes. Each year, licensing fees and the costs of maintaining the mainframes and their massive footprint of 93,271 batch processes increased significantly. When combined with the high costs of having to use mainframe technology (IMS DB/DC) exclusively, the company was taking a big hit in IT expenses. Not only that, but the tightly-coupled environment was becoming difficult to manage and affecting business agility.

With a mandate to reduce costs without affecting user experience, the company was looking for a different approach. They wanted a lower-cost, more manageable environment but they didn't want to rewrite, lose their business logic or impact users. Rehosting was the answer. But it had to be done in a short timeframe.



The solution

The retailer chose TmaxSoft OpenFrame for a "lift and shift" rehosting solution for its IMS applications. These core applications were migrated off the IBM mainframe to a private Linux cloud environment.

The project scope with OpenFrame included moving 24 IMS applications and associated batch processing that included critical core applications for POS advertising, cash and sales, transportation, inventory, returns, ordering, and much more. The rehosting effort included 239 COBOL applications, 1,588 data sets and the DBMS migration. This was all accomplished while maintaining application and data integration to those applications that

remained on the mainframes. Another critical requirement was that they would need to continue interacting with IBM's DB2 databases. The customer decided to implement a phased production rollout, with final phase applications fully turned on in production in 12 months.

As a result of rehosting, the retailer has a lower cost and manageable private cloud environment. When compared to the mainframe environment, they reported a 50% reduction in costs and an increase in ROI. The company also benefitted from migrating IMS DB and VSAM files to Tiberio, and the administrators are easily adapting to the open system environment.

Rehosting 24 critical business applications helped the retailer get its costs under control and the phased approach helped ease adoption. Thanks to OpenFrame, this customer is seeing significant ROI with no impact on user experience.



TmaxSoft is a global software innovator focused on data management, middleware and mainframe modernization, with solutions that offer enterprise CIOs viable alternatives to support their global IT powerhouses and drive competitive advantage. TmaxSoft has based its growth on a strong foundation of research and development, along with a sustained commitment to innovation. Today, we work with over 2,000 customers around the world.

OpenFrame is a proven solution for quickly moving legacy mainframe applications and data to an open system environment with a significant reduction in annual run costs and no changes to the business logic.

Tibero is the best enterprise RDBMS for the Virtual Data Center. Our licensing model allows enterprises to fully maximize their virtualization investment by only licensing the cores associated to a given VM, resulting in drastically lower TCO.



TmaxSoft was founded in 1997 and today, we have over 1,700 employees in 20 strategic centers around the world.





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