



# Application Migration Improves Bank Performance While Reducing Costs

## Mastech Expertise

The Mastech team provided expertise in the following areas:

- .NET 2.0 Framework
- ASP.NET
- X#.NET
- ADO.NET
- XML
- XSLT
- AJAX
- SQL Server
- MSMQ
- Design Patterns
- Visual Studio.NET
- Visual Source Safe
- Windows

## Challenge

As U.S. Bank sought to expand its business, a critical operational system required upgrading to support new capabilities while simplifying ongoing maintenance. One key application ran on an Oracle database and included a significant amount of custom code. A considerable amount of time and resources were required to develop and maintain this code and the bank looked to migrate the application to a web-based solution that would be easier to maintain.

U.S. Bank also wanted to improve performance and enhance the security of its main corporate payment system, which serves clients in the U.S. and Europe. With the majority of its IT resources already committed to code development and maintenance, the bank lacked the experts it required to upgrade its database and implement new capabilities.

## Solution

U.S. Bank came to Mastech for skilled project management and technical resources with experience in financial services, database, and web-based solutions. The Mastech team was able to improve system performance by migrating the application to the web and by enhancing the data exchange platform. Mastech also created an innovative job processing system with a web application for operational and process monitoring. By replacing the existing data extraction tools with a standards-based XML mapping solution, the bank eliminated the costs associated with outsourcing these tasks and reduced its software licensing fees. The new tools and application maps also accelerate development by the bank's internal software developers.

## About U.S. Bancorp

U.S. Bancorp (NYSE: USB), with \$281 billion in assets, is the parent company of U.S. Bank, the 5th largest commercial bank in the United States. The company operates 3015 banking offices and 5148 ATMs, and provides a comprehensive line of banking, brokerage, insurance, investment, mortgage, trust, and payment services products to consumers, businesses and institutions.

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