



High Volume Processing Platform Solution

New 64-bit z/TPF platform supports high-availability, improved mobile and web integration and establishes lower TCO

For years, a leading, payments gateway had relied on IBM's TPF operating system to support its high-volume services for transaction processing, risk management and information reporting. When sunset plans for the platform were announced, the payments company decided to make a strategic investment in its future.

A careful evaluation of vendors to assist in designing and guiding the transformation of vital systems and operations was conducted. The supplier selected would need to understand the challenges of high volume, continuously available payment processing. In addition, experience with SOA, Open Source and the integration of online and mobile channels was a prerequisite.

At the end of the due diligence process, RS Software's twenty years of payment experience and unique RS Global Execution Methodology™ made it the partner of choice. The RS Software team assessed the business and technical requirements for the project and defined a multi-year plan to migrate the systems, middleware and payment application from a 32-bit to a 64-bit z/TPF environment.

The migration of the underlying infrastructure and applications was complicated. In addition, the fact that the work would need to be done without impacting an operation doing 82 billion transactions and \$6.5 trillion in total payment volume annually added to the challenge. Lastly, migration of the transaction drivers and business service units required modification of APIs, OS macro calls and memory module calls.

The RS Software team completed the migration delivering each requirement with zero impact on transactions, system or applications. The migration to z/TPF platform provided the client with common, enterprise IT skill-set and development tools; expanded memory; millions of lines of open source code for faster porting and time to market; new application evolution to open systems; and options to hire entry-level talent for support and management.

RS Software's experience in deploying and customizing software in highly complex, mission-critical payments environments helped the payment gateway provider prepare for the future. RS Software's exclusive focus on the payment industry and its comprehensive knowledge management process has established it as a leader in providing strategic solutions to the world's leading payment brands. For more information, please visit www.rssoftware.com.