



Clearing and Settlement

Global Payment Network Implements Real-Time Clearing and Settlement Rules Engine with Zero Downtime

According to Bank for International Settlements reports published in 2012, regional payment volumes continue to grow across a changing mix of payment instruments and channels. With the global nature of commerce and the continuing adoption of e-commerce, institutions and merchants face an environment where fee structures and settlement times have a material impact on their profitability.

In this environment, the world's largest payment network was finding it difficult to maintain the complex set of rules required to set transaction fees and charges. Their proprietary rules system was growing in complexity and cost, and the IT team was challenged to manage the changes required for the system to support this business environment with suitable agility and flexibility.

The challenge they faced was two-fold – replace a complex, semi-structured rule directory and allow for future changes with zero impact to one of the highest-volume transaction processing systems in the world. To address this challenge, they turned to RS Software to provide a new rules management solution to replace the legacy rules engine.

During the development, deployment and testing phases, RS Software ensured zero impact to the existing clearing, settlement and reconciliation process. After deployment, the RS Software solution reduced clearing and settlement processing from one day to near real-time. Today, the rules engine is capable of settling millions of transactions within hours of their processing.

To address the longer term needs of their client, RS Software worked with the network to develop a multi-year approach for reengineering and deploying existing rules in the new rule engine in a phased manner. RS Software's contribution to this process was based on its considerable experience in deploying and customizing software in highly complex, mission-critical payment environments.

RS Software's exclusive focus on the payment industry for over 20 years forms the basis for its proprietary processes and methodologies that improves time to market for its clients. The company's global delivery model and knowledge transfer disciplines ensure that its cross-culture experience enables maximum value to the customer from start to finish. For more information, please visit www.rssoftware.com.