



# Data Migration Project Lowers Cost, Increases Efficiency

## Business Growth Creates Data Management Pain

As one of the largest payment networks in the world, this organization was processing more than 900 million transactions a day. Data about these transactions held in multiple table structures having more than 800 columns. The existing enterprise data warehouse was not able to efficiently manage these volumes which were continuing to grow rapidly.

## Need for Alternative Strategy for Cost Effective Data Strategy

The technology stack supporting the network's existing enterprise data warehouse consisted of IBM DB2, AIX and Abinitio. The cost associated with upgrading these components to handle the current volumes and projected growth of the company created the need for the organization to consider an alternative data management strategy. Based on its work in high volume processing environments and data management strategies, RS Software was selected to work with the network to define the alternatives available.

## New Data Management Tools Lower Costs and Improve Data Reporting Latency

In order to properly define the requirements for data management within the network, RS Software worked with its EDW (Enterprise Warehouse) owners conducting a comprehensive study that defined a series of projects that would improve data management and lower overall costs. Using the RS Data Migration Framework, we evaluated the data storage tools available to the company and recommended a move from IBM Db2 to the Cloudera Hadoop platform. In addition, a similar study of data processing options resulted in the replacement of Abinitio with Talend. Working with these tools and the client's teams, RS Software was able to create a near real time reporting environment decreasing the delay.

associated with viewing data from 120 seconds to five seconds. Finally, we insured the teams working within data management were familiar with and trained in the new tools being applied staging implementation of these tools to the risk of the migration.

## Operational Cost Lowered by 30 Percent, Data Quality Issues Reduced 40 Percent

Leveraging large volumes of multi-structured data for advanced data mining and predictive purposes so that operational decisions can be automated by using pattern-based, event-driven triggers is key to sustaining growth in the payments processing space. By working with companies to analyze the quality of their data, establish best practice data governance, select data mining solutions, and implementation of big data solutions, RS Software has helped a variety of companies convert data to information and information into a competitive advantage. In the case of this leading global , payments network we were able to lower the total cost of their data management operations by 30 percent while reducing data quality issues by 40 percent.