

Deutsche Bank uses DataMirror Constellar Hub to reduce project risk

Commentary by Christophe Lesieur, Head of Asset and Liability Management Systems, Deutsche Bank

INDUSTRY

FINANCIAL SERVICES

BUSINESS APPLICATION

ENTERPRISE APPLICATION INTEGRATION

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Constellar® Hub

With 1,500 branches in Germany and extensive branch networks in Italy, Spain and Belgium, Deutsche Bank (www.deutsche-bank.de) is the biggest bank in the euro zone and one of the largest banks in the world. More than 93,000 employees work in over 60 countries to serve the needs of more than 9 million customers worldwide. The bank's business activities are focused on client-defined market segments including on-line and investment banking.

The Problem

Deutsche Bank is no different from other financial institutions: it operates in a heterogeneous environment, with multiple source systems providing

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differently formatted data including Microsoft Excel, DB2, Oracle and Flat Files to head office in Frankfurt, Germany. From this data the daily and weekly risk and liability positions have to be calculated, and the base information has to be consistent if the

analyses are to have value. Deutsche Bank needed a method of extracting and seamlessly integrating the data from these disparate sources and then transforming it into a consistent format to produce accurate and consolidated figures.

Over the years Deutsche Bank used different approaches such as data normalization to try to deliver this consistency but the data it needed came from many locations and applications, most of which had been put in place for reasons other than risk management. Deutsche Bank had to accept and adapt to these variations if it was to produce accurate and consolidated figures.

The Solution

Following a search for the most efficient solution, Deutsche Bank selected DataMirror Constellar Hub to enable its global enterprise application integration (EAI) project from its Frankfurt headquarters.

"We needed to seek a different approach, one which produced consistency of data at the destination rather than tried to enforce consistency at the source," says Christophe Lesieur, Head of Asset and Liability Management Systems for Deutsche Bank. "Avoiding or minimizing manual processes was

why we were originally interested in the Hub. One reason why we can focus today is that we now have to do very little manually. Constellar Hub does it for us. The result is that we can now concentrate on the software and risk engineering.”

DataMirror Constellar Hub is a leading Oracle-based enterprise application integration solution that enables the movement, transformation and integration of data between heterogeneous environments from a central point of control. The Hub includes SAP connectivity via its certified SAP/ALE connector interface, as well as pre-built interfaces to PeopleSoft and Oracle Applications.

The Benefits

To give Deutsche Bank a global view of how much money is due and how much can be loaned, DataMirror Constellar Hub automatically extracts data from each remote source system around the world, over the company intranet and hands off the data to the Hub. Using rules contained within the Hub to take into account the differences in financial products around the world, the data is then transformed before being consolidated and delivered to a central data warehouse in Frankfurt where the information can be accessed via the intranet.

Deutsche Bank's EAI project was successfully piloted between Frankfurt, London and New York, seamlessly linking financial systems to help calculate the risks associated with Deutsche Bank's business loan portfolio. To complement the implementation, Deutsche Bank also established a Constellar Hub Center of Competence to provide advice and support at critical stages of each EAI project. With help from a consultant at the beginning of each project, the Deutsche Bank project team can get up to speed quickly and test critical factors for the project early, thereby reducing the project risk.

Conclusions

By combining DataMirror Constellar Hub technology, internal and external skills, and standard project methodology, Deutsche Bank has created a solid EAI infrastructure to support its growing operations in an increasingly competitive global environment.

In effect, Deutsche Bank is using DataMirror Constellar Hub to deliver enterprise application integration. By bringing the needed data to the Hub in Frankfurt, it has automated the transportation, transformation and consolidation of all data needed for risk and liability analyses. The result is consistent information from the risk management system.



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