

Extreme Changed Data Capture



MAJOR BANK improves decision making by obtaining refreshed reporting data every 8 hours instead of 36

At one of the top-25 banking institutions in the U.S., the demand for all kinds of information had become insatiable, leading the bank to embark on the implementation of a new operational data store. However, due to different production systems providing the source data, it was a struggle to populate that data store.

The bank's goal was to deliver daily updates, which would support an entirely new class of reporting and analytics. But the updates were collectively taking upwards of 36 hours to complete. The bank has files with hundreds of millions of rows of data for each of 10 regions, representing an aggregate of more than 2 billion rows of data. About 12 percent of those rows change every day.

That's when the bank decided to look at Syncsort and its DI Acceleration solution, which eliminates performance bottlenecks in installed, production DI/DW environments, enabling customers to get better results from their existing investments in infrastructure.

“With Syncsort’s solution, our people are seeing key data much sooner, which is improving their decisions. Now we can support the business intelligence reporting that our users have been seeking.”

— Senior Vice President of Data Warehousing at Major U.S. Bank

For this major bank, Syncsort recommended implementing changed data capture (CDC) processing to speed the identification and loading of updated records in the production data sources. Unchanged records – which needn't be part of a data-warehousing refresh – are excluded during the refreshes, dramatically cutting the

processing time during constrained batch windows.

The bank saw an immediate reduction in both processing time and resource requirements to process the data for the data store. “With Syncsort’s solution working within our Informatica environment, we’re able to do our refresh in just eight hours,” notes the bank’s senior vice president of Data Warehousing. In contrast, their old processes were taking 36 hours to perform the refresh.

INDUSTRY

- Finance and Insurance

CHALLENGE

- Updates of Data Store taking 36 hours
- Two billion rows of data feeding in from many different sources
- Increasing data volumes, decreasing processing windows

SOLUTION

- Implemented Syncsort DMExpress and established Changed Data Capture process

BUSINESS VALUE

- Eliminated performance bottlenecks
- Refresh takes 8 hours instead of 36 hours
- Able to deliver daily updates, reports, and analytics to end-users to improve decision making

About Syncsort

Syncsort is a global software company that helps the world's most successful organizations rethink the economics of data. Syncsort provides extreme data performance and rapid time to value through easy to use data integration and data protection solutions. With over 12,000 deployments, Syncsort has transformed decision making and delivered more profitable results to thousands of customers worldwide.