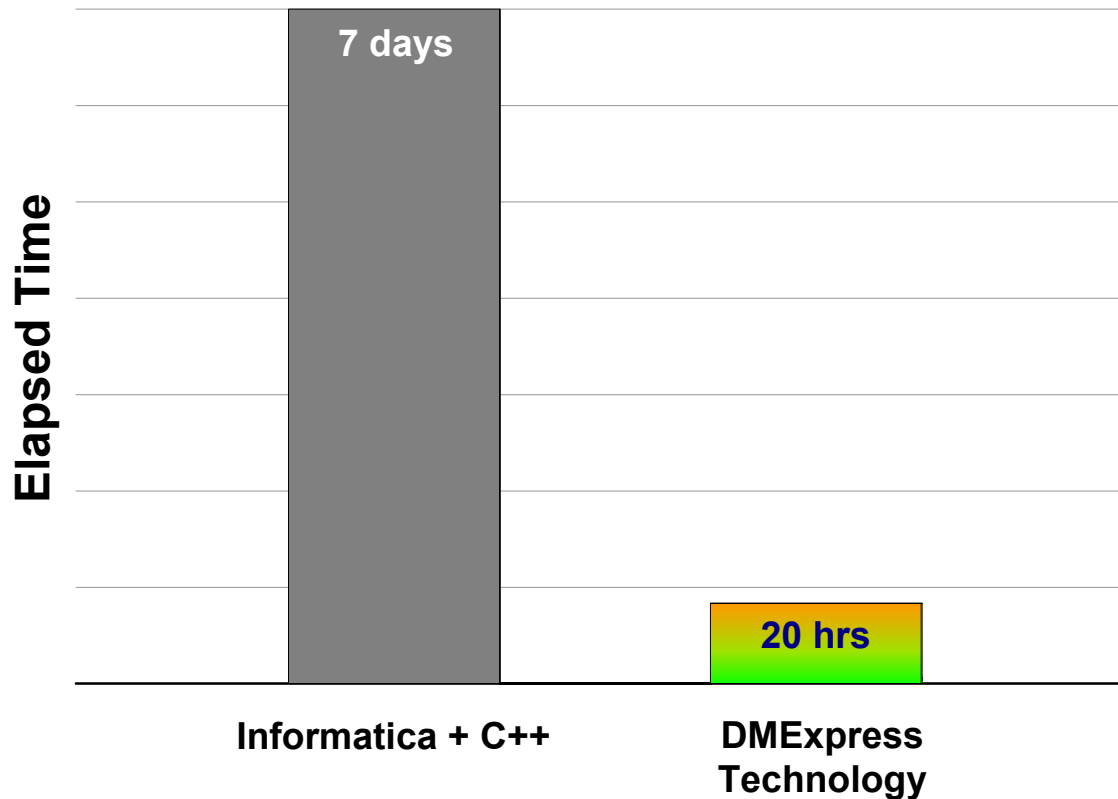


DMExpress. Get it done faster.



Global Communications Company Cuts Inventory and Billing Application Processing Time by 88% with DMExpress Technology, Saving Millions of Dollars



Organizational Profile

- Top telecommunications company whose products and services can be purchased at numerous retail locations

Business Needs

- Convert inventory and billing information from an old system and migrate to a new one
- Significantly reduce retail store shutdown time in order to minimize revenue loss

Environment

- HP 9000 800 series with 8 CPUs
- Oracle 8i

Benefits

- Replacing Informatica and C++ with DMExpress technology reduces data processing time by 88%
- Improved over 95% of the processes that were previously using Informatica
- Performed complicated manipulations on more than 1 terabyte of data



Full Story →

Global Communications Company Cuts Inventory and Billing Application Processing Time by 88% with DMExpress Technology, Saving Millions of Dollars

The Challenge

A top telecommunications company needed to convert and migrate more than one terabyte of telephone numbers, phone inventory data, and activation records from its existing system to a new one. This data needed to be converted and normalized in the old system first, implementing complex business rules, so that it could be efficiently used in the new environment, consisting of an HP9000 800 series with 8 CPUs.

After several dry runs of the more than 100 processes using Informatica and C++ to convert the data to the new application, the company estimated the project would take a week to complete. The time factor was of critical importance: during the conversion/migration process, all retail stores would have to be shut down. This meant that every hour could cost the company millions of dollars in lost revenue.

The Solution

The company decided to speed up the process by using DMExpress technology to perform all of the sorting, summarization, joining for lookups, and conditional processing and transformation of the data.

Five major input files were created, two for a phone number inventory scheme (CTN) and three for a phone inventory scheme (ESM). The Syncsort product's "Join" feature was used for the lookups, after which the data was processed and transformed to meet the company's requirements.

The Benefits

Syncsort's DMExpress technology was used as a replacement for Informatica in over 95% of the processing, which cut the overall elapsed time by 88%. As a result, the project, which the company had anticipated would take one week to complete with just Informatica and C++, was finished in less than 20 hours. The company was thus saved from a potentially heavy loss of revenue, something that would have certainly happened if the stores had been closed for an extensive period of time to accommodate the project.