

# Data Integration Success

A leading pharmaceutical company solves data integration challenge with Xtivia's expertise and IBM DataStage platform

## Challenge:

- Mitigate issues identified with existing pricing policies and procedures
- Create a more efficient, accurate, and consistent environment by collecting data into a central and optimized structure and applying business rules

## Solution:

- Collect data from legacy systems and databases
- Apply business rules, and then stage and cleanse the data
- Run various reports on the staged data to verify pricing policies have been met and procedures have been followed

## Results:

- Reduced costs up to **600K per year**
- Standardized business practices
- Provided **accurate** and **consistent** information about pricing policies and procedures
- Realized return on investment and peace of mind

## Software

- ETL: IBM Datastage 7.5.1 on RedHat Linux platform
- Database: Oracle 9i
- Reporting: I-Many
- Scheduling: APWorks
- Source Systems: DB2 on AS400; Other OLTP systems on Oracle 9i

## Services

- ETL Architect
- ETL Developers
- Database Administrator

## Timeframe

- 3 Months for Architecture and Design
- 6 Months for building, testing and deployment
- 1 year of continuing on-going support

## Brief Summary

The customer approached Xtivia with a need to improve government pricing policy and compliance. With pricing data in multiple systems, no single version of the truth was available to ensure effective governance and compliance. After a thorough analysis of the problem, Xtivia's team of experts outlined requirements for assimilating data from disparate systems to create a single and accurate version that ensured that the same policies were adhered to by different business units and the verification process was simplified.

After several recommendations using different technology stacks were reviewed, the customer chose IBM DataStage, and Xtivia's senior architect and consultants installed and configured the IBM DataStage product. Collaborating to ensure our customer's unique needs were met, Xtivia developed the system architecture—from defining and designing the various ETL processes and jobs to implementing the entire architecture.

Once the architecture and design were analyzed and tested for feasibility, Xtivia's team of developers and database administrators implemented the solution end-to-end—including the development, unit and system testing and user acceptance testing. Xtivia also facilitated the deployment of the solution in the production environment making sure that the entire functionality was up and running and was being used to its fullest extent. Once the system was fully deployed, Xtivia's consultants worked with various source system development teams to tune the ETL process from a performance and maturity perspective, and they also ensured that continuous usage was not hindered by changes in applications.

Xtivia's team continues to support this project with ongoing production support, enhancement implementations, and performance tuning.



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