



DTS Customer Case Study

ETL Architecture & Development

Need:

A large Michigan based financial institution needed help to architect, configure and support their Extraction, Transformation and Loading (ETL) processes for a large data-warehousing project as part of their Risk Management initiative.

Solution:

Digital Technology Solutions provided consulting services to the Client Data warehousing initiative. Our staff reviewed the source data systems, and data structure needs. Based on the data needs of the user community, we created data mappings and scripts using Informatica Power Center and Power Exchange to load data from source systems to the Data warehouse. Setup and Configured Informatica servers in development, QA and production environments and administered the servers. DTS staff upgraded PowerExchange 8.6, upgraded the Informatica Data Quality tool set from v8.5 to v8.6 and applied Patches as needed. Our staff is responsible for performance tuning of ETL processes. Research solutions to ETL challenges, mainly pertaining to using PowerExchange to load mainframe databases. Our staff implemented new capabilities such as bulk loads to the Mainframe, configuring connections to Sql Server sources and migrated Code from DEV, QA, PROD environments. Our staff enabled version control of the Repository and documented the new procedures for migrating code from Development to Production. We integrated third Party Job Scheduling with Informatica, enabled Auditing and implemented additional security features. On a continuing basis throughout the project, we assisted developers with design and coding issues.

Benefits:

Properly configured and maintained ETL infrastructure that enabled successful delivery of Data warehouse project resulting in better risk management as required by BeselII accord.

If you would like to know more about this case study or DTS capabilities, please call (248) 432-2611 ext 101 or email: stalluri@dts-it.com.