

Case Study

Client: A world leader in travel commerce, with solutions for the Airline industry

Project: Tax Data Mart, a depository of data relevant to the Tax Department

Business Problem

The customer's Tax Department needed to gather and analyse large quantities of data from multiple client systems, to determine the tax impact for a given transaction. Since Tax audits generally occur years after the transactions take place and are unpredictable in nature, the Tax Department needed the ability to analyse different tax positions affecting a single transaction to determine whether to settle a tax dispute on a basis other than originally reported to the tax authorities.

Our Solution

In order to accomplish the Tax Department's goals, a repository of data specific to the needs of the Tax Department was created. The Tax Data Mart gave the Tax Department the ability to obtain data with a minimal amount of effort in order to respond to tax audits and perform reserve analysis, in addition to other daily functions.

The data mart was built by extracting, processing and loading data from multiple systems like Assets, Billing, Bookings, Contracts, Employee, General Ledger Account, Labor, Payables, Customer, Exceptions etc. The source systems had varied technology platforms ranging from SAP, Informix, Oracle, SQL Server, Mainframe and MS Access.

The solution was developed around the following environment:

- ERWIN 4.X
- Informatica Power Center 6.X, Informatica SAP Power Connect,
- MS-Access2000, MS-SQL Server 2000, Oracle 8.x

It was a 70-person month project executed over a six-months time frame.

Key Challenges

The primary challenge faced by NIIT Technologies was to integrate data from multiple systems on varied technology platforms ranging from SAP, Informix, Oracle, SQL Server, Mainframe and MS Access.

Business Benefits

Tax Data Mart provides the Tax Department the ability to obtain data with a minimal amount of effort, in order to respond to tax audits and perform reserve analysis.

Tax Data Mart consolidates Tax data from different sources to analyse the impact of Tax effectively