

Consulting Project Abstract

Secure Member Area Application Migration

Our Customer's Problem:

This customer is a non-profit organization that supports its educator membership within the public school district sector. It provides retirement benefits to over 375,000 members.

The Secure Member Area application provides members web access to their retirement account information.

The application used Sybase tables to authenticate and allow a member access to the system. It also uses a batch process with Microsoft Word template to generate the password letter. Sybase stored procedures are used to create much of this information. To populate the member information, an IBM Gateway is used to gather the information from current VSAM files.

Why This Was A Problem:

The client started an enterprise-wide initiative to convert legacy systems to PeopleSoft, all VSAM files are being converted into DB2 PeopleSoft tables. The goal for the project is to convert website applications to use DB2 instead of VSAM files.

Our Solution:

InferData participated in the requirements analysis, design, and development of the migration project that moved from VSAM files to using DB2 PeopleSoft tables. All the previous code that was accessing VSAM data are localized to a Data Access Object and implemented those new data access functionalities with Java Database Connectivity (JDBC).

Results:

Members can now view their account information through a Web browser, utilizing data from PeopleSoft database tables. Members therefore have a self-serve option, and the organization receives less telephone calls. Members receive accurate information, because this is also the same data as received in their printed monthly statement.