

Loan Management System Migration



The Loan Management System, which is a mission critical application for the Inter-American Development Bank, contains the complete Sub Ledger for all of the various types of Loans and Grants provided by the Bank. It supports all applicable phases of the Loan and Grant lifecycle including Approvals, Disbursements, Billings, Collections and Accounting in one fully integrated system. The portfolio value of funds currently managed by the LMS is in excess of 58 billion dollars. The

system was originally built over 10 years ago and consists of mainframe online CICS transactions and COBOL batch programs that access and maintain critical data stored in DB2 databases. The purpose of the LMS Migration Project was the re-engineering of all LMS code, data, and other supporting elements from the CICS/COBOL/MVS/DB2 environment to a new C/AIX/ORACLE platform so that the mainframe could be retired. CorTechs successfully completed the migration, from planning to cutover, in less than a year.

As a part of the LMS Migration project, CorTechs was responsible for the management and implementation of:

- Program management support,
- Model & change management support,
- Development, test, and production environment replication,
- Conversion of application and ancillary code (COBOL & PL/1-C++),
- Conversion of batch processing (JCL-UNIX Shell Scripts),
- Conversion of batch scheduling (JES – BMC Control),
- Conversion of transaction and file security processing (ACF2 – eTrust),
- Conversion of database and data (DB2-Oracle),
- Conversion of interfaces (MQ Series, MD5 modules),
- Automated testing and test case development (using Mercury tools)
- Knowledge transfer (user training, software maintenance training)