

Case Study | Application Modernization



Enhancing the Existing Application for Financial Industry

About Client

A multinational banking organization headquartered in Singapore, with branches mostly found in most South-east Asian countries.

Technology Used

Java, Spring, SQL Server, and Hibernate

Business Benefits

- Integrated with CLM and DWH systems to provide facility details for management reporting and BNM reporting
- Enhanced integration with RBS (Retail Banking System) to include new fields like Property Price, Refinance Flag, and Manual ODP Tier Amount
- Loan application turnaround time was improved
- Storing Chinese characters in Database made possible
- Printing Letter of Offer in Chinese
- Data Volume: 1 TB
- Number of Concurrent Users: 1000+

Business Challenges

- The PLCE Application had to be enhanced for Malaysia to support creation and approval of Flexi Mortgage Package (FMP)
- Increase PLCE to incorporate the internal risk ratings within the credit approval process
- Improve PLCE to send facility information to Bank Negara Malaysia (BNM) and retrieve reports for viewing in PLCE
- Enhance PLCE to overcome the limitation in number of credit applications processing per minute

Solution Provided

- The existing PLCE application was studied to understand both functional and non-functional features implemented, and a thorough analysis was done to implement the enhancements
- The PLCE application was enhanced to interface with the existing PLCE-CCRIS online interface. The app was changed to asynchronous mode so that PLCE need not wait for a response from CCRIS. Hence the online system performance was improved. This change also helped to increase the overall processing throughput for credit card application
- Loan application turnaround time was enhanced as CCRIS reports could be retrieved directly through PLCE-CCRIS interface
- Retail Segmentation data mart sent monthly segmentation result batch files (internal risk ratings) which were loaded into the PLCE system

