

Credit Reports Management Application

Client is an Ontario, Canada based Software Development, International Marketing and Venture Capitalist Company. The End users of the application are one of the largest finance company in US who need credit reports from national repositories to determine loan amount eligibility of loan applicants and judge their payback capability.

Challenges

The challenge was to develop a product that can request and receive PreQualification (PreQual) and Residential Mortgage Credit Reports (RMCR) of individuals who have applied for loans. These reports were required to be retrieved from one or more of national Credit Reporting Agencies like Equifax, Experian, Trans Union, Beacon, Fair Isaac, and Empirica.

Following were the main challenges:

- Heavy emphasis on data and application access security
- Highly evolved data validation including validation of zip code and address
- System Performance Optimization to manage data-intensive transactions
- Remote Access Services, remote dialing requires a direct telephone line for dialing ISD numbers

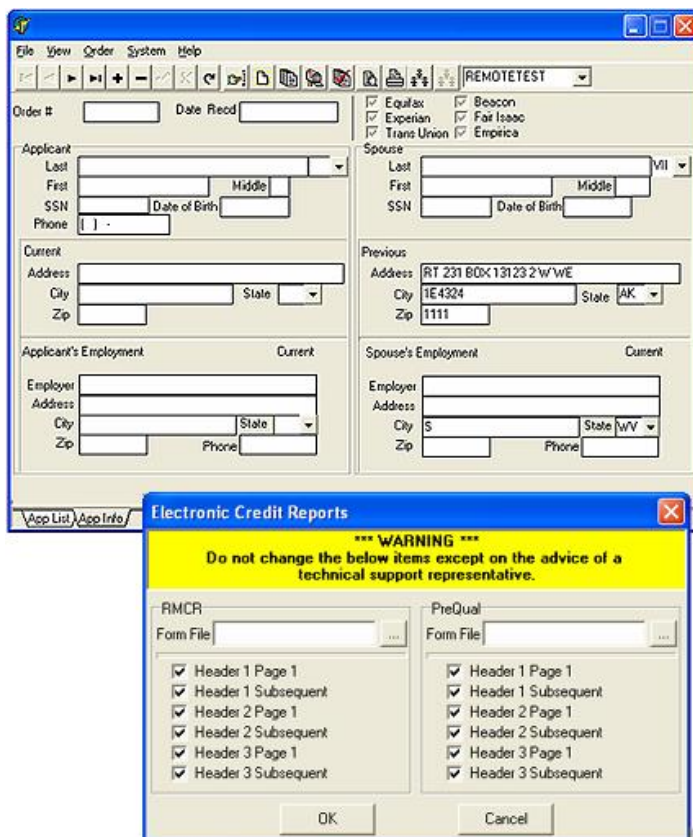
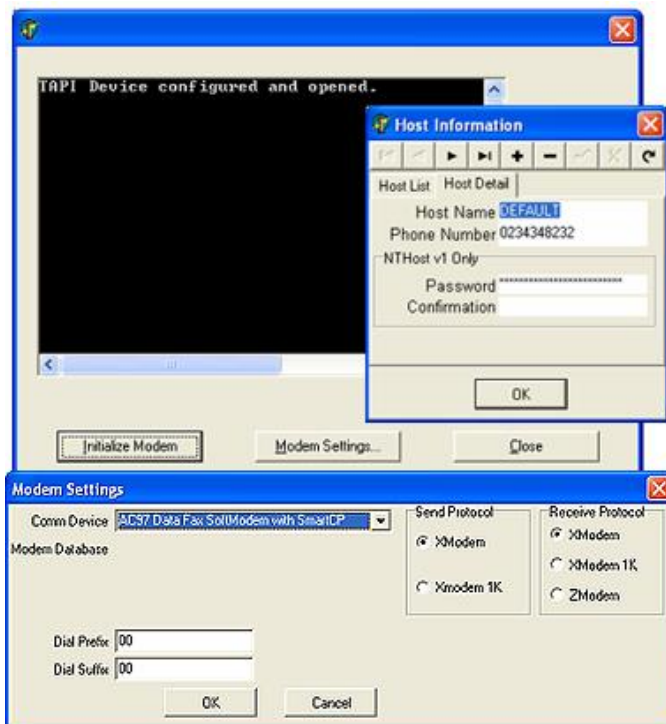
Solution

e-Zest developed a single installation application which could be used by multiple users. Each user was identified by a user name and password. Any user could optionally see an applicant's information and credit reports for applicants added by all users. By default, they saw information of only those applicants that were added by them. e-Zest focused heavily on data application access security, data validation including validation of zip code and address and also system performance optimization to manage data-intensive transactions.

Following solutions were provided to make application run smoothly:

- Encryption of data before transmission
- Use of third party services for zip code and address validation
- Ability to utilize multiple modems for parallel transaction processing and manage them using Modem Server
- Code, design level and database level performance tuning

- Made the infrastructure available to facilitate the testing and demonstration of the application



Technology

Delphi 5, Borland Interbase 6.0, QuickReports, Report Builder from Digital Metaphors Corporation, AsyncPro, InfoPower

Conclusion

e-Zest completed the project bug-free and on time related to finance and credit management. Credit Reports Management application fulfills the need of a small independent product that can provide an important subset of financial data related to credit reports, required for loan processing in banks and financial institutions. It can be used by any such company to request for credit reports from multiple Credit Reporting Agencies and receive the same, independent of any other internal loan processing application.