Financial Messaging Gateway

Solution Highlights

❖ **Middleware messaging application**

❖ **Central Biometric authentication system**

❖ **Reconciliation system**

Offering
❖ **Financial Messaging Gateway**

Domain
❖ **Banking and Financial Services**

Client
❖ **Andhra Bank**

Business Challenge

The transactions from the various technology service providers were hitting the core banking system. The bank preferred to have a middleware messaging application that can handle the transactions from the service providers and route the appropriate transactions to the core banking system in addition to handling the external interfaces to NPCI or UIDAI

Technology Solution

Our Financial Messaging Gateway solution defined and published an interface specification for the technology service providers to post transactions using industry standard interface ISO8583 to the core banking system. The solution enables central biometric authentication system to verify the fingerprint data sent along with the transaction

Technology Used

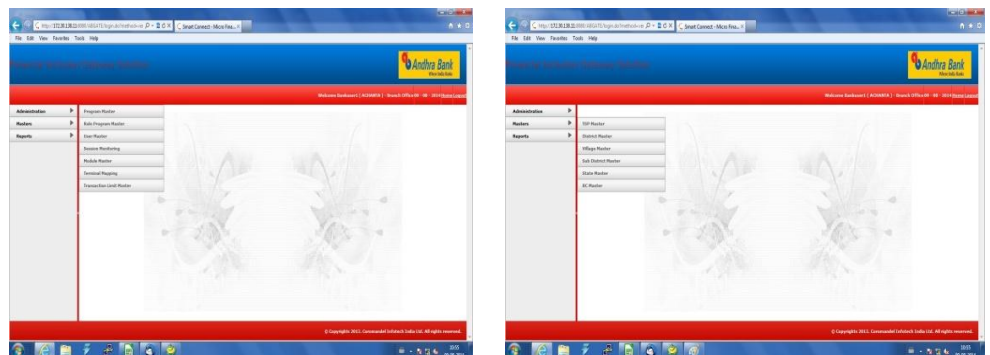J2EE, JBoss Server 5.0, Hibernate ORM, MySQL, Biometrics

Implementation Challenges

➢ Define a common format for communication and resistance from some of the technology service providers to migrate to new format

➢ Migration of existing customer's biometrics

Overall Benefits

➢ The application relieved the pressure on core banking system in terms of connectivity, basic validations etc.

➢ Gateway had taken the authentication of fingerprints at server level thereby relieving the field devices from the task

Sample Screenshot