
Custom Application Development Services for a Leading Bank in South Pacific



CASE STUDY
2020 JMR Infotech

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Custom Application Development Services for a Leading Bank in South Pacific

JMR provides Custom Application Development Services to cater to specific requirements of one of the leading banks in the South Pacific region.

Executive Summary

The bank had a challenge with a large volume of documents that gets generated namely Customer Identification documents (KYC), check images, contract documents, images of assets and other transactional documents. During an upgrade/migration project or in business as usual regular housekeeping activities, it becomes a challenge to handle such large size files and the need to consolidate these images into easily manageable repository was becoming paramount. JMR's Image compression tool helped the bank in overcoming this.



Key Challenges

- Huge volumes of documents are generated as images in multiple formats of large file sizes
- These images are stored outside the system in multiple locations
- During an upgrade/migration project or in regular house-keeping activities, it is a challenge to handle these huge size files and there is a need to consolidate these images into easily manageable repository
- Relevant information of particular customers to be retrieved from large account statements that contains transaction information of multiple customers

JMR's Solution

- JMR implemented an Image compression tool which performs the following:
 - Reads images from various input directories/sources
 - Change the file type to JPEG
 - Configure compression ratio
 - Transfer image to the destination folder

- JMR implemented its Automated Statement Split Tool that splits a large account statement PDF, which contains transaction information of multiple customers, into multiple PDFs based on Metadata
- The split files are then populated in an OUTPUT directory of the file system
- This helps in extracting the relevant information and it saves a large amount of time

Key Benefits to the Client

- Image compression tool reduced the storage space required for the images by 90% – 95% and helped in improvement of database performance up to 15% - 20%
- Automated Statement Split Tool helped in extracting the relevant account information and save a large amount of time

About the Client

Client is an iconic and unique bank in South Pacific, recognized for its strong commitment to the region and its Melanesian uniqueness. Bank has the largest branch network in Papua New Guinea, Cook Islands, Fiji, Solomon Islands, Samoa, Tonga and Vanuatu.

Corporate Office