Effective Migration to a Business Integration Platform for a Leading Financial Institution

About the Client

The client is one of the largest financial institutions in the Middle East, founded in 1930 in Jerusalem, Mandatory Palestine, as the first private sector financial institution in the Arab world. Headquartered today in Amman, Jordan, it serves clients in more than 600 branches spanning five continents. Arab Bank is a publicly held shareholding company listed on the Amman Stock Exchange.

The bank is a major economic engine in Jordan & throughout the Middle East and North Africa region, providing banking services and capital, and facilitating development and trade throughout the region.

At a **Glance**

INDUSTRY | Banking
LOCATION | Jordan

USE CASE

The bank was maintaining two middleware products such as BizTalk and IIB. They were using two different middleware & were facing challenges in managing the operational activities. They wanted to migrate to a single middleware environment.

CHALLENGES

The client's environment had an older version of BizTalk, they had to do manual deployments which created application performance issues.

Business Challenges

The bank was already maintaining two middleware products such as BizTalk and IIB. There were few channels in which they were doing the transactions via BizTalk and remaining was with IIB. Hence we proposed to migrate the services from BizTalk to IIB. On the whole, goal was to reduce the IT cost which also makes their day to day operations simple. BizTalk was being used to connect trade finance, credit card and other financial services & applications to the core banking system.

1. As the bank was using two different middleware they were facing challenges in maintaining the environment at the same time managing the operational activities.

2. Since the client's environment had an older version of BizTalk, they had to do manual deployments which created application performance issues

3. The source control used was VSS (Visual source safe) and unfortunately the latest code was not maintained in the source controller which affected the business for future developments.

Our Approach

Royal Cyber team took the complete project in hand by understanding the existing architecture and giving continuous support to stabilize the environment during end to end migration activity.

1. Performed a thorough assessment of the existing BizTalk environment and build action plan to perform the complete migration by encompassing both BizTalk and IIB expertise.

2. Provided recommendations that improved their current infrastructure, and assured the client to go with the migration plan without affecting their business.

❸ As bank did not have proper source code in repository and there was no proper documentation for BizTalk deployed services the reverse engineering was very challenging in meeting the actual business and Royal Cyber team did it by decompiling the production .dll's.

❹ Followed best practices for new IIB design & created proper documentation for all the services and maintained all records in confluence.

❺ Followed automation for IIB deployments that reduced human errors that was during the course of manual deployments.

RESULTS

The client gained the following benefits:

❶ The performance of the new design was extremely good compared to the existing design approach.

❷ It also reduced the infrastructure management cost and operation cost for clients by maintaining a single middleware environment.

❸ The platform was extremely resilient & scalable.

❹ As the new solution was very generic, it was used across multiple countries by just making the & ODM rule changes specific to the country.

SOLUTION

Royal Cyber created a reusable Service configuration using the IIB platform & migrated infrastructure management to a single middleware environment.

Key Takeaways

› Saved 80% of Resource Management

› Decreased Error Probability by 95%

About Royal Cyber:

Simplifying IT for Customers & Partners

Royal Cyber Inc. Headquartered in Naperville, IL is a leading software organization that provides services ranging from application development and deployment to training and consultancy. We commenced the operations in the year 2002 as a specialized Technology provider striding in as a software deployment service provider, assisting clients to meet the standards and demands of doing business in the rapidly changing marketplace. Today we stand tall as a **One Stop Shop for all your IT needs.**