Temenos managed upgrade services

Case study

To transform and support the T24 core banking system by performing a Transact release upgrade, runtime platform transformation and database migration for a leading Islamic bank in Algeria.

Facts:

Location
Algeria

Start date
February 2023

Number of people
10

Duration
Ongoing

Key Technologies

Temenos platform (upgrade in process):
- R17 → R22
- TAFC → TAFJ
- jBase → Oracle 19c

Code:
GitHub + Artifactory

Documentation:
Confluence

Defect management:
JIRA (client's)

Challenge

- Client is a leading Islamic bank in Algeria operating since 2008. The client's core banking system is due for an upgrade and needs to move to the latest platform in order to enhance their scalability and ability to implement new features faster

- The client is currently using Transact R17 release which is many releases behind the product version and increases the maintenance fee and deprives them of the latest features/functionalities provided by Transact

- The client is using jBase Transact native database. This database has in-built limitation on data growth of tables which could result in data corruption

- The client is running the core banking system in TAFC (C-based) platform which depends more on physical hardware and has some challenges in integrating with the latest connectivity frameworks and monitoring solutions

Solution

- Luxoft provided a managed upgrade service team to perform this transformation from the current installation of T24. The project is a like-for-like upgrade without major changes in existing business functionalities

- As part of this upgrade project Luxoft is covering the below listed items in order to address the challenges that exist in the current production system

- Release upgrade from R17 to R22 Transact, thereby reducing the maintenance cost and bringing in the ability to utilize the latest product functionalities introduced till R22 when needed

- Transforming from TAFC to TAFJ runtime platform, moving to the latest open connectivity framework and industry friendly platform which in turn makes integration to third party system/services easy. This also reduces the time to market for launching of new features/functionalities

- Migrating from native jBase to Oracle 19c database enhances the scalability of the database and avoids a data corruption scenario

- Several internal processes were implemented in this project:

  - Version control in GitHub + binaries in Artifactory

  - Proper documentation management in Confluence

  - Defect management in Jira (client's)

- Luxoft is providing regular weekly reporting of current status, including a dashboard of overall completed activities, details of incidents/issues. In addition, we're holding regular meetings with the stakeholders

Results

Upgrade project is progressing as per the project plan and RAG status is green for all project parameters.

Customer feedback on the Luxoft solution:

- Relationship with the client is healthy and stable. Client is very supportive and appreciative of our expertise in the upgrade transformation

About Luxoft

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