

Background

Commercial Bank of Africa (CBA) is one of the largest privately owned banks in Nairobi, Kenya. The Bank was in process of upgrading its Core banking system of Temenos **T24 R18 for retail and corporate banking** modules and wanted to leverage the benefits of automated UAT across multiple instances of **Rawanda, Uganda, Tanzania, and Kenya**.

As a result of business growth coupled with a need to meet rapidly evolving requirements, the bank was looking for an end-to-end automation testing solution that also integrates with their defect Management tool - JIRA.

Challenges

- Short time to go-live
- Increased test coverage compared to manual testing
- Offering large test coverage with minimum resources

Approach

- **End to End Functional Testing and Regression Testing** for **T24 R18** implemented in CBA
- Deployed Highly experienced team with domain, system, and testing knowledge.
- Provided Detailed Test case design for 500+ Menus
- Provided Automated Test execution **across 4 countries** for different instances through Tenjin

Business Benefits

- **Zero-Coding Environment:** Tenjin's **code free automation** approach and **faster learning** ability of newly released T24 R18 version dramatically reduced implementation time, allowing CBA to bring new capabilities to market faster
- **Ability of T24 Tenjin infrastructure to suit the latest Temenos T24:** Tenjin's Naviflow learner was used to discover and learn the application interface including fields, data requirements and user interface elements
- **Business Result Driven:** The Tenjin Results Validator not only helped to identify errors in the application's user interface but also verified Account Entries, SWIFT Messages and Customer Advices against predetermined expected outputs
- **High Quality Defects Identified:** Defects in up to 20% of the Designed test cases identified during the Test cycle using Tenjin
- **Reusable Regression Pack:** Yethi provided bank with comprehensive regression pack, which was reusable for BAU Testing

Delivery Snapshot

System Tested	T24 R18 Corp and Retail
Versions Tested	500+
Instances/Countries	4
Other Benefits	<ul style="list-style-type: none"> • 40% reduction in timeline in comparison with manual Testing • More defects identified during automated testing phase • Automated Regression pack • JIRA Integration • End to End Coverage • Long Term Support Strategy