Temenos Quality Assurance Services

Overview

Customers around the globe are going digital. The pace of digital transformation has accelerated faster than any technology ever. So, banks need to adopt digital banking solutions to keep up and stay competitive.

Customer experience is the key so banks need to focus on offering innovative products, faster time to market and security.

This can only be achieved with an experienced and reliable partner who can offer expertise and superior quality assurance in a cost-effective manner.

Tech Mahindra - PARTNER OF CHOICE

Our Expertise, Your Assurance

We are a **global** services provider of Temenos banking products

For over **23 years** we have provided end to end SI services to leading financial institutions

We are the **first** Temenos global partner

Our product, domain and service expertise has benefited **250+ clients** worldwide

Our **integrated** delivery model (Tech Mahindra and Temenos) enables us to deliver seamlessly with minimum risk

Our Temenos testing group is a niche team of **125+ testing professionals** with in depth Temenos expertise and broadened core capabilities providing end to end quality assured services.

Through **a unique collaborative ecosystem of product, domain, testing, and technology skills** we provide the highest coverage testing solutions focused on business processes and automation to meet your growing product rollout and implementation requirements.

Our Dedicated Banking Products Testing Team

Domain Expertise

- Digital, retail, private, corporate and Islamic banking
- Wealth management
- Micro finance banking
- Payments
- Digital front office

Our Services

- End to End testing (Waterfall and Agile)
- Functional testing (test strategy and planning, ST, SIT, UAT)
- Non-Functional testing (security, performance)
- Digital quality assurance (Cloud, DevOps, Shift Left)
- Test automation

Temenos Products

- Transact
- Infinity
- Temenos Payment Hub
- WealthSuite (TAP)
- FCM
- Analytics

Functional and automated testing for a wide variety of financial institutions worldwide.

Multiple testing tools and accelerators to assist financial institutions accelerate testing processes for complex programs.

Our Product Testing Services

Testing Solutions that focus on elite performance and best-in-class quality standards for quicker, structured and accurate testing.

Product testing practices customized testing solutions for different phases of the product lifecycle.

Product Lifestyle Focused Services

Product Implementation and Rollout

- Parametization Testing
- System Testing
- Integration Testing/SIT
- Interface Testing
- Regression/Automation Testing
- Localization Testing
- Report Comparison Testing
- User Acceptance Testing

Product Upgrade

- Parametization Testing
- System Testing
- Like to Like Testing
- Interface Testing
- Parallel Testing
- Integration Testing/SIT
- Regression/Automation Testing
- Report Comparison Testing
- User Acceptance Testing

Platform Migration

- Data Validation Testing
- Report Comparison Testing
- Functional Validation Testing
- Data Transformation Testing

Product Support and Maintenance

- Global Rollouts Support
- Production Support Testing

Non-functional Services

- Performance Testing
- Security Testing

Shared Service

Testing Shared Services

- Defect Management
- Report Comparison Testing
- Environment Management
- Test Data Management

Specialized Service
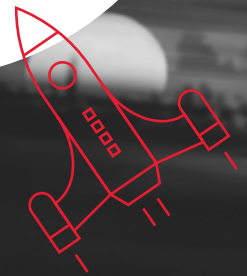
Specialized Testing

- Agile Testing
- Business Process Testing
- Compliance Testing

Our Unique Differentiators

Our improved **automated** testing solutions accelerate testing cycles and also ensure stable, high quality testing with very few maintenance tools.

This is **cost effective** and reduces time to market.

Value Proposition

- Production, nurture and promotion of market facing solutions all under one umbrella

- A proven BA-PA-QA model consisting of product, domain and quality assurance experts

- Amalgamation of process, platform and solution

- Strong vendor partnership ensuring the best value proposition to our customers

Tools and Accelerators

- **Temenos Test Automation Solution**: Scriptless automation tool built on Selenium framework for Temenos core banking system. It is easy to use and supports DevOps integration

- **Test Data Generation Tool:** API based automation utility for creating new data or editing existing test data for Temenos products based on functional testing requirements

- **Test Data Management Tool:** Edits, copies, deletes or creates data. Extracts data from one Temenos test environment and pushes to other target environment

- **Non-Functional Testing**: Extensive experience in digital performance and security assurance using various licensed and freeware tools

Reusable Test Assets

- Rich library of 3000+ prebuilt model bank test cases of Temenos Transact help expedite test design efforts

End-to-End Test Automation

Tech Mahindra has developed in depth expertise in test automation solutions. Our **Temenos Test Automation Solution** is developed to empower functional testers and business subject matter experts to perform test automation without learning any programming language.

Temenos Test Automation Solution:
Scriptless Automation Testing Tool

Self Healing: Application Objects
Automates the Application Object Maintenance

Simple and Powerful
Easy for Beginners, Powerful for Experts

DevOps Integration
Seamless Integration with CI/CD Pipeline

Insightful Reporting
Consolidated Execution Report with Proof of Evidence

Business Readable
Write in English, Code in Selenium

DGen
Generate Input Test Data using API

Code Merger
Merge Highest Quality Code with Confidence

Test Management
Publish Test Results to Test Management Tools

Benefits

Open Source Based Tool
up to **50% savings** as compared to licensed tools

Framework Development
Leverage modular based framework and start with automation on day one

Test Executions
up to **60% savings** due to parallel execution and grid features

Test Design
up to **40% savings** through user friendly GUI, scriptless automation

Test Data Creation
up to **60% savings**, inbuilt API's to create and manipulate data

Script Maintenance
up to **40% savings** through auto healing object processor

Temenos Testing Success Stories

Leading Swiss Private Bank

End to end functional and integration testing for transformation of core banking and wealth systems to Temenos Transact and Wealth suite products. The single instance multi entity cloud implementation testing was carried out in a managed services model in a phased manner over 3 years including the key Temenos modules — T24, TAP (Wealth suite), FCM, TDS. along with satellite applications and interfaces. Data migration testing from legacy systems to Temenos as well as performance and security testing for the implementation was carried out through a structured and tool based approach. Ensured continuous testing through 100% test automation regression coverage for core and wealth functions.

We migrated the customer data from a legacy platform into the existing, running platform using standard tools.

A Digital Bank in Singapore

End to end implementation and testing of Temenos Transact R21 and TPH for a new digital bank setup. The testing also involved industry testing with key statutory bodies like SWIFT Alliance, BCS (For FAST/Paynow payments), MAS (Monetary Authority of Singapore) and Buddy. Automation of over 50% of test cases as part of regression along with support for Pre-Prod dress rehearsals/NFT to ensure go live readiness.

A Large Bank in the Middle East

System integration testing for Temenos Transact upgrade from R14 to R20 including multiple interfaces along with reports generation, application, and connectivity. Ensured 100% schedule adherence and enhanced functional coverage, innovative reports highlighting project health across testing phases along with quality gates implementation to ensure high quality delivery.

Leading Israel based Banking Group

End-to-end testing of Temenos Transact and data lake as part of the transformation of the wealth banking operations in a hybrid delivery mode. Automated regression suites were created for 6 drops and 7 upgrades for accelerated time to market. The scope of testing also included NFT and UAT support.

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