Performance Tester

Fine-tune your Temenos T24™ Performance with Validata Performance Tester

Testing the performance of web-based applications can easily miss the mark. It's easy to design unrealistic scenarios.

Easy to collect and measure irrelevant performance data. And, even if you manage to design sound scenarios and collect the right data, it's easy to use the wrong statistical methods to summarize and present the results.

Product Overview

Unlike traditional performance testing approaches, where performance testing teams are involved very late in the implementation lifecycle and applications are tested and tuned at the latest stages of the project, **Validata Performance Tester is designed to meet business needs as environments constantly change,** enabling deeper testing coverage as well as new cloud and service based delivery models for testing offering more flexibility and labor efficiency.

It fulfills the needs of organizations for performance testing of web-based applications.
It is fully integrated with Validata ATS, incorporates SWIFT, ARC IB and other Internet Banking applications and is designed to deliver a faster and more cost-effective approach to test the reliability and scalability of critical IT systems.

The T24 specialized adapters and the pre-built test scenarios library accelerate the performance testing projects by 75%.

How is it different from other Performance Testing Tools?

- It is an end-to-end , cross-platform solution to test the performance of all applications
- It integrates with Functional and Regression Testing
- It does not require code or scripts to be developed
- Supports testing of mixed transactions and Online, Batch Offline and COB testing.
- It comes with pre-built content and real-time reporting based on KPIs
- It accelerates , de-risks and improves Performance Testing projects

Advantages & Benefits

- No coding – doesn't require custom coding or scripts to be developed.
- Reduced costs, risks and effort by 50%
- Increased efficiency and productivity by 30%
- Leverages existing T24 business processes, transactions and test data.
- Real life testing scenarios
- Pre-built performance testing content to accelerate assets re-use by 38%
- Supports SWIFT, ARC IB and other web applications.
- Accurate real-time reporting
- Integrated repository for data processes and requirements
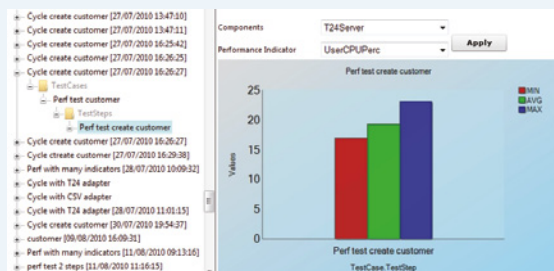- Can be delivered as a Managed Testing Service

Validata
Validating Core Banking

TEMENOS
Complementary Solutions Partner

Performance Tester

Product Capabilities

Validata Performance Tester is a flexible and scalable performance testing tool for banks and organizations of all sizes providing the following capabilities:
- Integrated Ramp Up/Ramp Down
- Support of mixed transactions testing

Support of Online Testing, including:
- Socket Based Transactions (Interfaces)
- Browser Based Transactions (http)
- IB Application Transactions (http)

Support of Batch Offline Testing, including:
- Batch File Transactions

Support of COB Testing – Daily, Monthly, Quarterly
(by generating online T24 Browser transactions during the COB), including:
- Report Generation and Interest Accruals
- Account Statements
- Noise Transactions Generation (Mix T24 Browser)

Cycles and clones of cycles creation per transaction or group of transactions for multiple executions

Waiting times setting between request/responses, iterations and test sequences

Based on the **Transaction Based KPIs** and the **System Performance versus Server Based KPIs** (CPU Usage, Memory Usage, Disk I/O, Network Activity) it is capable of generating the following Reports:
- Response time and Throughput Dynamics
- Report by error types
- System Performance versus System Load
- Chart reports of KPIs

The system requirements for **Validata Server** (Physical Box) are:

CPU	4
RAM	16Gb
HDD	2*150Gb (15000 RPM)
SAS Interface	
OS	Win 64
Applications	Oracle 11/64b
Validata SAS	
Network	2 x 1 Gb

The system requirements for a **Unique Virtual Machine** (Injector Machine) are:

CPU	4 Dedicated
RAM	8Gb
OS	Win 64
Applications	Validata Agent
Network	2 x 1 Gb

✔ Performance Indicator on CPU Usage
per User per Second

✔ Transactions per Second & Requests per Second

✔ Performance Testing Methodology

- Collate the business requirements and translate them to different load profiles
- Create Performance Model
- Prepare Test Data for Performance Testing
- Prepare Performance Test Cycles and Execution
- Measure Performance Indicators/Reporting