

**40%**  
**cut** of the  
project timeline

**50%**  
**reduction**  
in operational  
timeline

**80%**  
**reduction**  
in current time  
to test

## ATS | Validata Advanced Testing Suite

### Now Business and IT can share the same testing tools!

Traditional test automation systems originated in a world that moved at a much slower pace, where waterfall development was the only game in town and no-one attempted to tackle automation of fast moving, mission-critical applications -they knew that the technology simply couldn't keep up. These products all get their capabilities from powerful scripting languages, something that sounds good in presentation, but has become a horror in the real world, requiring a cult of highly skilled and highly paid test automation engineers to communicate with the complex and mysterious deity, the test automation tool.

#### Product Overview

**Validata ATS is an end-to-end automated testing tool that takes an entirely different approach and focuses on the analytical aspects** (the context and the content), thus providing root cause analysis linking Business Processes, Requirements and Testing.

It's **UI driven**, with no traditional scripting or code required. It ensures that test automation can be completed by the people who know the business best – the business users themselves and the analysts. In its simplest form, testing is a piece of work undertaken to ensure that the development staff have interpreted the business requirements correctly.

#### So why automate testing by asking developers to interpret your requirements?

The testing techniques and methodology are all embedded within the tool. **Our solution makes the entire testing lifecycle continuous** from automatically understanding the application data model (any release) to automatically creating and running the test cases, and reporting back all test runs.

#### How is it different from the other testing solutions?

- Fully integrated with the ALM platform
- It integrates with Performance & Message Testing
- It links with other test management and defect management systems
- It links requirements, defects and risks with test scenarios
- It comes with pre-built content and real-time reporting
- One single repository to manage test data and expected results
- It is scriptless – does not require code or scripts to be developed.
- It accelerates, de-risks and improves projects like: Functional, Technical, Regression Testing

#### Advantages & Benefits

Validata ATS delivers many benefits to a banking project, with clients achieving

##### • Improved Process

Consistent test procedures: Ensuring process repeatability and resource independence manual errors are eliminated. Replicating Testing: Across different platforms is easier using automation. Results Reporting: Automated testing produces convenient reporting and analysis with standardized measures

##### • Better Use of Resources

Automation of testing processes allows machines to complete the tedious, repetitive work while resources are diverted to perform other tasks. Test team members can focus on quality.

##### • Efficient Testing

Reduced testing time: Less time to develop, shortened application life cycle and faster time to market. Reduced QA Cost: Upfront cost of automated testing is easily recovered over the lifetime of the product.

##### • Effective Testing

Greater Coverage: The productivity gains delivered by automated testing enable more and complete testing. Improved testing productivity: Test suites can be run earlier and more often.



## Testing types supported by Validata ATS:

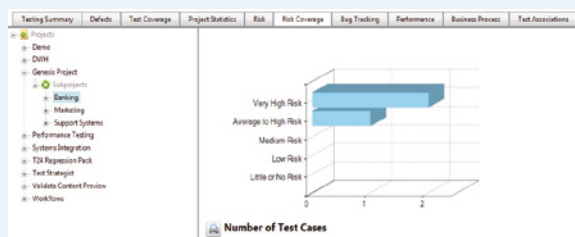
- Functional Testing
- System Integration Testing
- Regression Testing
- User Acceptance Testing
- Performance Testing
- Interfaces Testing
- Message Testing

Validata has the ability to perform parallel testing on **multiple environments**

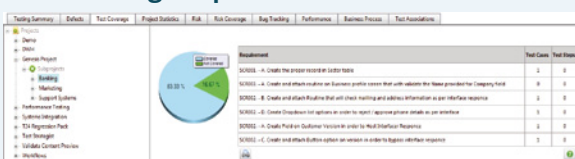
## Executive Dashboard



## Risk Coverage Report



## Test Coverage Report



## Product Capabilities

- **Test Requirements** specification and design
- **Supports** both Manual and Automated Testing
- **Business Flow Modeling:** Enables you to manage your complex business workflows and build your automated test assets against them. Integration with ARIS.
- **Role - based user model** for access security, data visibility and workflow
- **Full** audit trail and version control
- Linking of **test scenarios** with business requirements, risks and defects
- **Project plan management:** Manage resources and tasks effectively
- **Integrated with Performance testing:** Tests created for functional testing can be reused for performance tests
- Pre - built content **Accelerators** with 75% of the core test cases available from the outset
- **Adapters** enable mapping between Validata objects and the system under test
- **Integrated Test Data Management:** Manage the Test Data and Expected Results within one central repository.
- **Intelligent Test Execution:** Schedules tests for immediate or future execution
- Accurate **real-time reporting** through configurable dashboards enabling the user to see data from all projects, compare them, notice correlations and identify trends.
- **Integrated** defect and change management
- **Synchronization** with other quality management systems available in the market (IBM, HP etc)
- Tightly integrated with **Temenos T24™** supporting testing through OFS, Desktop, Browser

## ✓ Unique model-driven, risk-based approach

The tool's risk-based approach to testing ensures that operational risks are identified and prioritized to ensure the issues are fully addressed. It employs a modeling method to define the structure of its repository and how it is accessed. In effect, the model represents the tool's behavior and the test assets it stores.

### Why is this model-based approach so efficient?

**It's high level, it's industrial and it's flexible.**

The distinctive feature from other modelling approaches is that the relationships between objects are treated themselves as objects. This allows complete independence of logical and physical data models.