

Infosys Middleware Testing & Service Virtualization Solution



Does your service testing not allow participation of business users and non-developers?
 Does your service testing not progress, due to unavailable services?
 Is your service testing process inefficient and unreliable due to lack of automation?
 Are your service deployments suffering from non-performance and poor quality?

If your answer to any of the above questions is “Yes”, it is time for you to look at the steadfast solutions providing middleware testing and service virtualization. A solution which can help you address the above challenges while improving the effectiveness of your web

services testing and business compliance testing.

Infosys Middleware Testing and Service Virtualization solution streamlines and accelerates middleware testing by offering a user friendly, intuitive and integrated web based work-bench. It supports business

domain testing using built-in business logic, patterns and rules to reduce manual errors. Infosys’ solution assists in end-to-end testing by simulating unavailable services and supports performance testing to ensure reliable deployments.

Salient Features

Deskilling

- Enables automated test case generation and execution using pre-built activities and workflow modeling
- Encourages non-developers and business users to participate in testing

End-to-end Testing

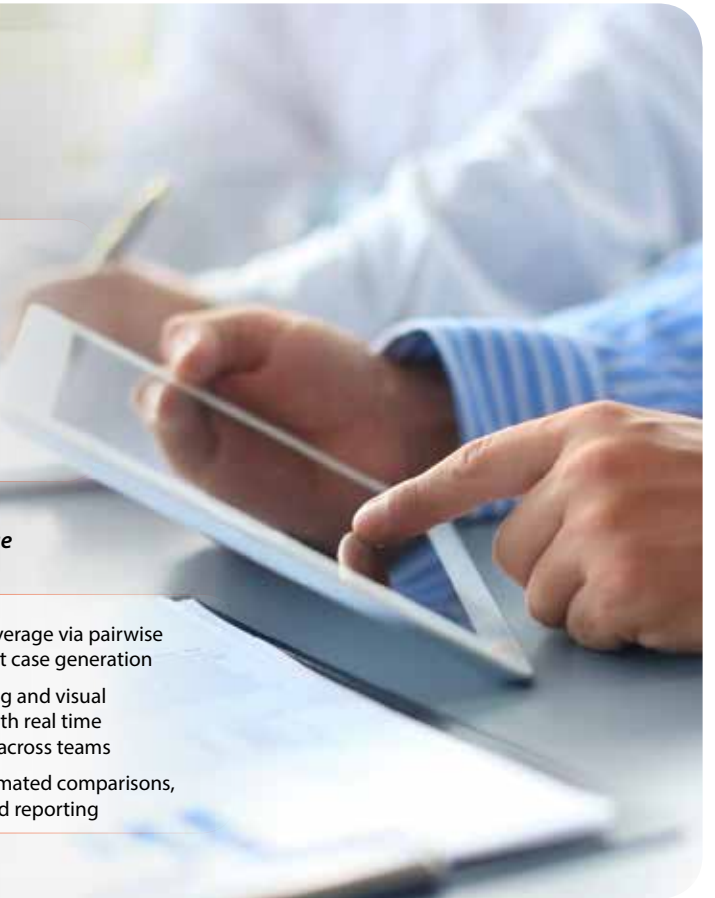
- Enables quick end-to-end testing by simulating unavailable services and systems via stubbing

Test Governance

- Complete traceability across test life cycle
- Centralized test execution & monitoring with HP QC/ ALM

Enhanced Coverage and Productivity

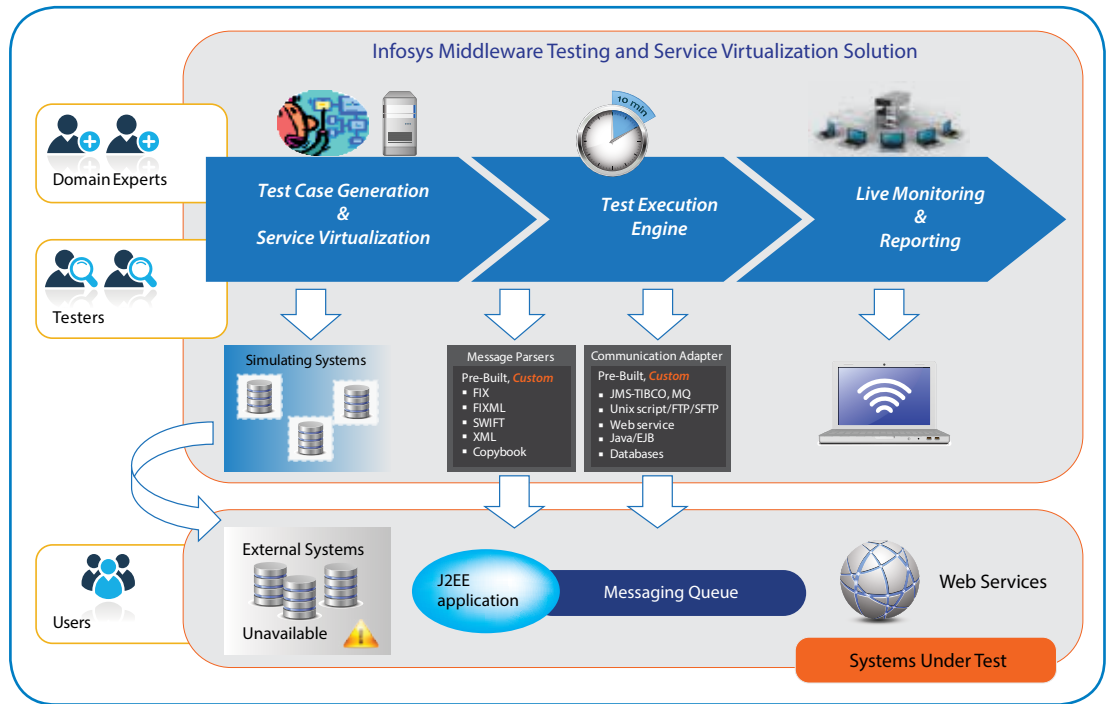
- Optimized coverage via pairwise test data & test case generation
- Test scheduling and visual monitoring with real time collaboration across teams
- Detailed automated comparisons, validations and reporting



How it Works

Infosys solution enables:

- Simulation of non-ready applications and interfaces
- Automatic generation and execution of server-side test cases
- Automatic comparison of test outcome and subsequent report creation



Benefits

Productivity* & Test Quality	Traditional Approach	With Infosys Middleware Testing Solution	Improvement
Single test scenarios with multiple test cases	3.5 mins with manual testing	0.25 mins	90%
Network testing run	120 mins with manual testing	40 mins	66%
Attributes Coverage	20-30% using GUI focused tools	80 - 90%	50 - 70%

*Time taken to execute the same test cases using both methods

ILLUSTRATION

- Service simulation enables early validations and faster deployments to reduce cycle time.
- Built-in activities/validations reduce human error to ensure QA quality and reliability.
- Automated test case generation, execution and optimized test data saves 40% of efforts to lower the TCO.

Success Stories

A leading financial services company replaced its legacy management system with a new advanced investment management system. Infosys solution accelerated deployment of the new investment management system resulting in 32% savings in time and effort as compared to the conventional test automation approach.

Infosys partnered with a leading Food and Beverage company to perform interface, Functional and Regression testing of ETM system with Infosys solution resulting in 40% savings in time.

For more information, contact askus@infosys.com



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