Payments Testing

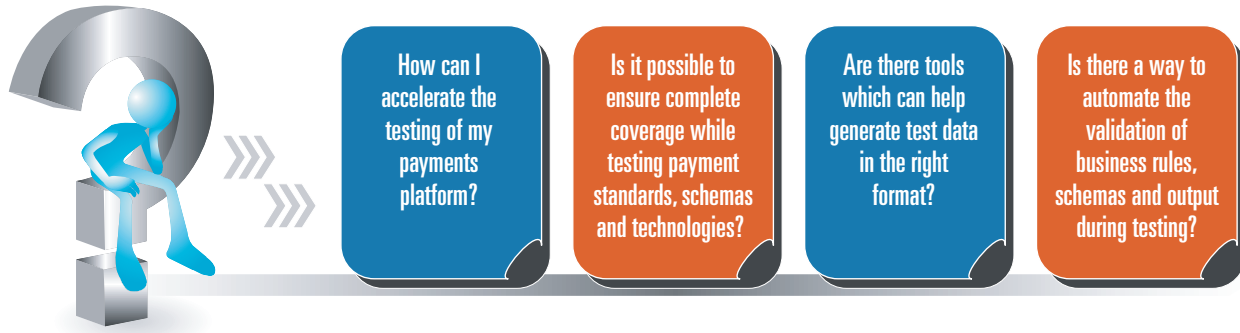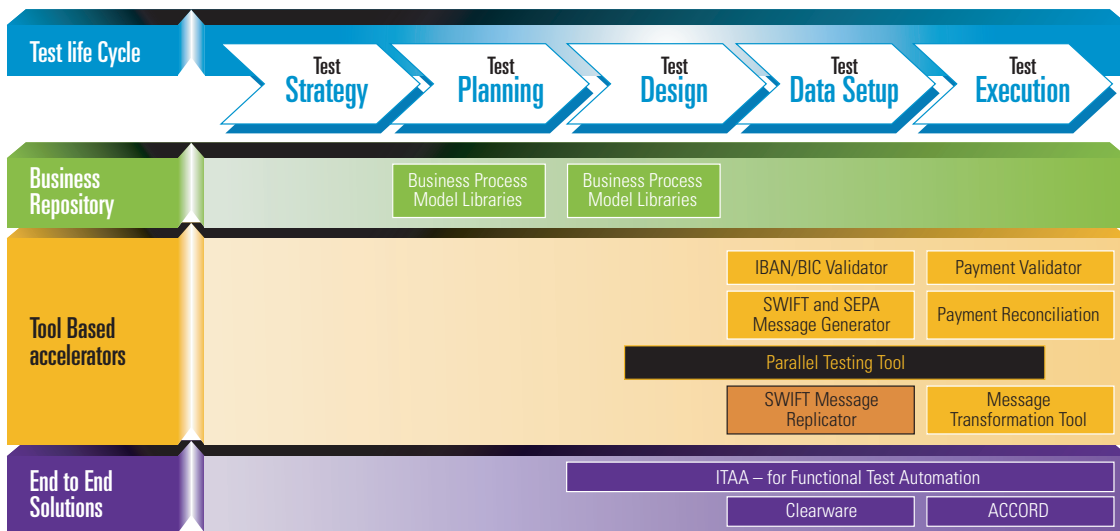|			
How can I accelerate the testing of my payments platform?	Is it possible to ensure complete coverage while testing payment standards, schemas and technologies?	Are there tools which can help generate test data in the right format?	Is there a way to automate the validation of business rules, schemas and output during testing?

If the above mentioned challenges sound familiar, then the Infosys Payments Testing Solution can help improve the efficiency of your QA organization.

Infosys Payments Testing Solution

Infosys' Payments Testing Solution, a combination of several point solutions and repository of reusable test artifacts helps clients automate and accelerate their payments' testing programs. This allows client organizations to improve the quality of their applications and reduce their cost of testing by up to 25%.

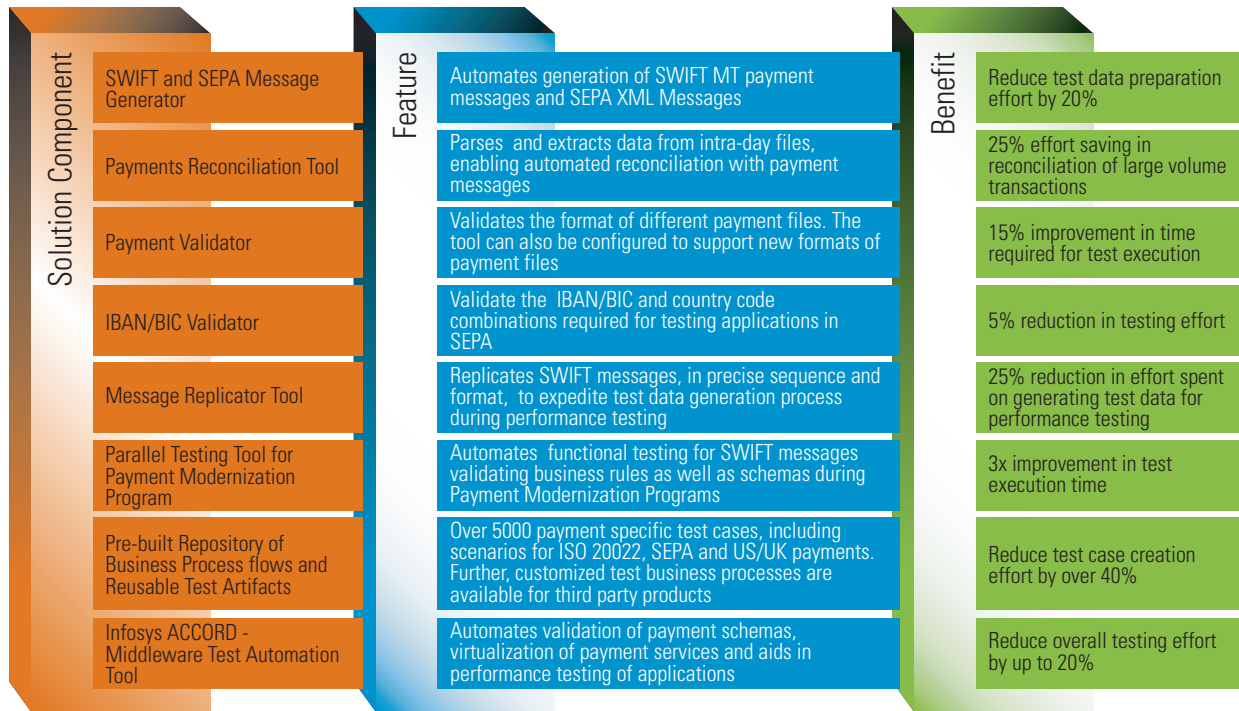| Test life Cycle	Test Strategy	Test Planning	Test Design	Test Data Setup	Test Execution
Business Repository		Business Process Model Libraries	Business Process Model Libraries		
Tool Based accelerators				IBAN/BIC Validator — Payment Validator / SWIFT and SEPA Message Generator — Payment Reconciliation / Parallel Testing Tool / SWIFT Message Replicator — Message Transformation Tool	
End to End Solutions			ITAA – for Functional Test Automation / Clearware — ACCORD	

Case Studies

1 *A leading global bank headquartered in UK undertook a legacy modernization program. The generation of test data and SWIFT messages were consuming considerable time and resources. By leveraging the Infosys Payments Testing Solution the bank was able to improve time-to-market and reduce cost of testing by 40%.*

2 *A global investment bank hindered by performance and scalability, revamped its legacy cash management and payments platforms. By adopting Infosys Payments Testing Solution to automate the testing of business rules and schemas, the client was able to reduce cost of testing by 30% compared to previous cycles. More importantly, the client was able to deploy a defect free product in the production environment.*

Payments Testing Solution Components

Solution Component	Feature	Benefit
SWIFT and SEPA Message Generator	Automates generation of SWIFT MT payment messages and SEPA XML Messages	Reduce test data preparation effort by 20%
Payments Reconciliation Tool	Parses and extracts data from intra-day files, enabling automated reconciliation with payment messages	25% effort saving in reconciliation of large volume transactions
Payment Validator	Validates the format of different payment files. The tool can also be configured to support new formats of payment files	15% improvement in time required for test execution
IBAN/BIC Validator	Validate the IBAN/BIC and country code combinations required for testing applications in SEPA	5% reduction in testing effort
Message Replicator Tool	Replicates SWIFT messages, in precise sequence and format, to expedite test data generation process during performance testing	25% reduction in effort spent on generating test data for performance testing
Parallel Testing Tool for Payment Modernization Program	Automates functional testing for SWIFT messages validating business rules as well as schemas during Payment Modernization Programs	3x improvement in test execution time
Pre-built Repository of Business Process flows and Reusable Test Artifacts	Over 5000 payment specific test cases, including scenarios for ISO 20022, SEPA and US/UK payments. Further, customized test business processes are available for third party products	Reduce test case creation effort by over 40%
Infosys ACCORD - Middleware Test Automation Tool	Automates validation of payment schemas, virtualization of payment services and aids in performance testing of applications	Reduce overall testing effort by up to 20%

Infosys Independent Validation and Testing Practice

Infosys' Testing Solutions practice provides 3rd-party validation solutions that help global 2000 companies win in a flat world. The 9000 people strong practice offers testing services which range from custom validation, to specialized testing, to process consulting, across business verticals. The unit's IP based solutions program ensures significant improvement of testing efficiencies and testing cycles. (www.infosys.com/testing-services)

Allied services

Business Consulting

Provides you with strategic differentiation and operational superiority, assessments, proprietary industry analyses & projects structured around beating the competition.

Technology Consulting

We work with you to architect, develop and implement solutions that help you leverage technology to enable business strategy. Our solutions help you make your IT more effective and better aligned to your business.

Trading and Risk Management

Provides deep business process knowledge with cutting edge technological capabilities to optimize information sharing, minimize exposure, and integrate business processes in trading operations.

Enterprise Application Integration

Make the whole of your IT applications much greater than the sum of its parts. Infosys can leverage the Global Delivery Model (GDM) to deliver immediate and dramatic productivity growth like no one else can.

Infosys®

POWERED BY INTELLECT
DRIVEN BY VALUES

About Infosys

Many of the world's most successful organizations rely on Infosys to deliver measurable business value. Infosys provides business consulting, technology, engineering and outsourcing services to help clients in over 30 countries build tomorrow's enterprise.

For more information about Infosys (NASDAQ:INFY), visit www.infosys.com

For more information, contact askus@infosys.com   www.infosys.com