

Smarter Application Deployment in Financial Services

Software systems supporting business processes like order management, trade processing, payment, credit and collection are frequently modified or upgraded to reflect changing business conditions. The owners and users of such systems are thus often caught between the need for speedy deployment and the time and cost constraints typically associated with rigorous functional and regression testing in a complex environment of interconnected software applications. The result of this tradeoff could easily be limited or error-prone testing efforts that compromise the robustness and reliability of business-critical applications, thereby dulling the firm's competitive edge.

Infosys ACCORD gives you Speed, Comprehensiveness, Cost and Quality of testing

Infosys ACCORD is an intelligent functional and regression test automation solution. It can be applied to a range of transaction-intensive applications in the financial services industry. Infosys ACCORD enables financial services firms to enhance their competitiveness by launching new features/applications faster and with a higher reliability.

- The built-in “intelligent” algorithm optimizes the number of test cases from a large number of possible combinations. Further, test cases are easily maintainable and reusable, thereby reducing the cost of testing.
- Unlike traditional test automation tools that rely on GUI responses, Infosys ACCORD uses the concept of functional decomposition and server-side testing to comprehensively test the underlying application logic.
- The modular architecture of the solution makes it easy to customize to the specific technology environment of the client organization. It supports messaging standards like FIX, SWIFT, CMS as well as proprietary formats.

Productivity* and test quality improvements	Traditional Approach	With ACCORD	Improvement
Single test scenario with multiple test cases	3.5 minutes with manual testing	0.25 minutes	90%
Network testing run	120 minutes with manual testing	40 minutes	66%
Attributes coverage	20%-30% using GUI focused tools	80%-90%	50%-70%

* Results of an observation of time taken by a user to run the same test cases using both methods

Widespread applicability in the financial services industry

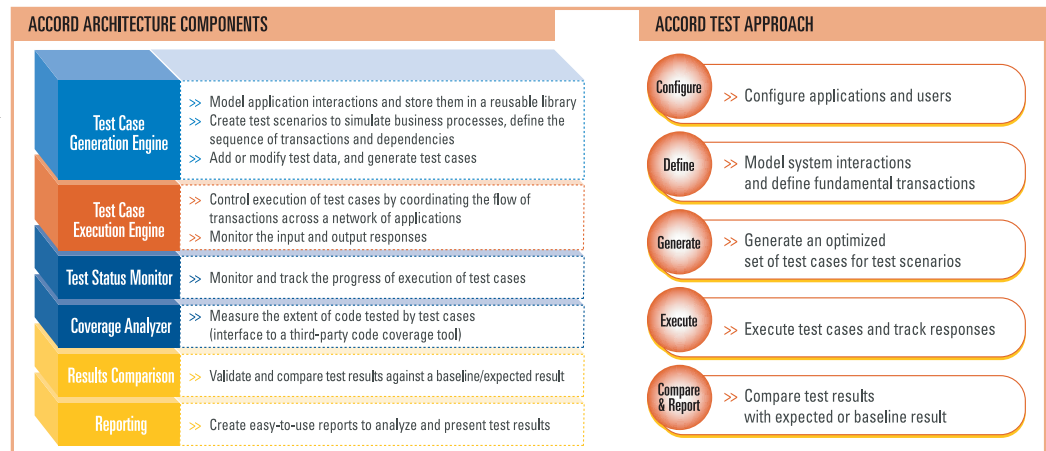
- Broker-Dealers
- Asset Managers
- Retail and Wholesale Banks
- Credit Card Processors
- Custodians
- Trading and Order Management Systems
- Payment Systems
- Clearing and Settlement Systems
- Credit & Collection Systems
- Other transaction processing applications in financial services

How Infosys ACCORD works

Infosys ACCORD uses the concept of functional decomposition and server-side testing to ensure test comprehensiveness. Unlike traditional test automation tools that rely on GUI responses, Infosys ACCORD tests the underlying application logic directly.

Key Features

- Intelligent algorithm that optimizes the number of possible test cases
- Supports messaging standards like FIX, SWIFT, CMS as well as other proprietary formats
- Modular architecture with customizable components



The Infosys ACCORD Advantage

- *Easy-to-use* interface to create test scenarios and test cases is also business analyst-friendly
- *Maximize* test coverage while significantly reducing the number of test cases (optimization algorithm)
- *Comprehensively* test business functionality and the underlying application logic (server-side testing)
- *Concurrently* test systems and applications interacting with each other
- *Reduce* test analysis effort through integrated comparison wizard and structured test result reports
- *Easily maintain* test cases - no recording, scripting or debugging

Allied offerings that help you leverage IT better

Technology Consulting

We work with you to develop implementable architecture solutions that help you leverage technology to enable business strategy. Our solutions help you achieve a balance between IT Effectiveness and business innovation.

Application Development

Helps you develop turnkey solutions with a faster time to market and a lower Total Cost of Ownership. The service ranges from building a business case to assessing portfolio to designing solutions to building and implementing the solution.

Application Integration

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

Infrastructure Management

Our range of services is geared to keep your operations running smoothly and reduce costs. Services include infrastructure planning, auditing, data center and application management and help-desk services.

Infosys | Building **Tomorrow's** Enterprise

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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.

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