

SCIENTE



Application Conform Testing  
for Financial Services

*Beyond performance*

*Delighted*

**business & technology at work for you**

# SCIENTE

Sciente uses its value innovation to complement Clients in a full suite of functional testing services and therefore to help them achieve business process conformance quickly and within the budget. Leveraging business domain, technology expertise and testing competencies, Sciente assists in:

- Quality assurance services that help improve performance, maintain business continuity, and minimize risks resulting from application modifications
- Domain-specific testing in key functional areas in financial markets, corporate banking, consumer banking, private banking and insurance
- Functional, data integrity, interoperability, performance, and regression testing services that minimize downtime and risks of failure

## ACHIEVE A DESIRED LEVEL OF BUSINESS PROCESS CONFORMANCE THROUGH THE RIGHT TESTING PARTNER & TESTING STRATEGY.

With ever-changing business needs & rapid growth in emerging markets, banks and financial institutions face the challenges of adapting and customizing their business applications to new business needs and regulatory requirements.

To minimise risks & to enhance performance, such modifications require the right testing partner, right strategy and extensive testing before roll-out.

### DOMAIN-SPECIFIC TESTING

Sciente assists organisations in formulating the right testing strategy for domain-specific testing and to identify & prioritize critical business functions at risk from software defects. Through this approach, organisations develop and implement cost-effective testing procedures specific to the business needs.

We have in-depth domain expertise in financial services including:

**Financial Markets** - Pre-trade services (front office services, order management), & post-trade services (settlement, confirmation, accounting), risk management  
**Corporate Banking** - Core banking, Payments (Processing, Interfaces, Messaging, STP), Cash Management, Trade Finance, Loans, Funds & Securities, Internet Banking, Credit risk  
**Consumer Banking** - Core banking, Internet Banking, Direct Channels, Credit Cards  
**Private Banking** - Portfolio Management  
**Insurance** - Life, Non-life, Group (Policy Administration & Management, Claims processing, Distribution, Compliance), Investment linked products

### FUNCTIONAL & PERFORMANCE/REGRESSION TESTING

Our rich experience in complementing our clients in comprehensive testing services provide valuable information on key system behaviours that can be used to refine the application development process through root-cause analysis, reducing the odds of system misbehaviour prior to deployment and generating higher quality, lower costs, and shorter time-to-market. These services include:

**Functional Testing** - covering components, interfaces, interoperability, specific applications and reports

- Interfaces: Static data interfaces, market data interfaces, trading interfaces
- Testing of the entire rule-based system to enable straight-through processing of corporate activities
- Applications: Domain-specific testing focuses on key functional areas of applications like trade transaction processing systems, securities settlement systems, authorizations and confirmations, reporting, risk management systems, insurance claims processing, insurance policy administration etc.
- Reports: MIS, regulatory, Basel etc.

**Performance Testing** - covering system, infrastructure, and operational requirements

- System stability
- Operational limitations
- Interface requirements
- Volume/load testing

**Regression Testing** - selective retesting to cover changes and new additions to existing applications to ensure minimum failure between builds

- New rules and functions
- New interfaces
- Change management
- Validation of product build between test cycles