

TESTING SERVICES IN FINANCE AND BANKING

Implementing or upgrading your testing strategy can vastly enhance preexisting and new business processes, accelerate software and application integration, and reduce cost

With the advancements of application capabilities, mobile development and availability, and digital coverage, the financial industry is experiencing constant change to support the rapidly evolving technological landscape. Between increasing security risks, staying ahead of technological trends, and adhering to strict regulation, the task of maintaining these IT frameworks is far from simple. Leveraging test automation and adopting a Center of Excellence model for testing have proven major priorities for companies in the financial industry.

Testing Center of Excellence

DISYS' innovative Testing Center of Excellence (TCoE) offers clients efficient and cost effective testing solutions. Designed to help businesses optimize their quality management and testing capabilities, our TCoE foundation is based upon the Capability Maturity Model Integration - Level 3 continuum. Coupled with industry best practices and our proven Automation Framework and testing accelerators, clients are assured the most efficient and cost-effective testing solutions, and allows the client to focus on more strategic goals and objectives. Our test support functions include but are not limited to: Test Automation, Software Configuration Management, Environments Management, Release Management, Data Privacy (SOX, HIPAA), Data Integration, Data Mining, and Data Conditioning, Independent Verification and Validation (IV&V), Metrics, Measures, Reports, and Analysis, and Quality Review Board.

Data Management

We specialize in the management, design, construction, and execution of System/Functional, Regression, Mobile, Performance, and User Acceptance Testing while adhering to the strict regulations commonly encountered in the finance and banking industries. We cater to all testing requirements with an emphasis on continuous process improvements, innovation, and building core competencies which are easily portable to meet the testing requirements of any methodology.

Key Elements

- ▶ Scalable to fluctuating demand
- ▶ System improvement through quality standards and best practices with measurable results
- ▶ Consistency across software and testing activities
- ▶ Increased speed to market
- ▶ Independent assurance of software quality, holding development accountable

Mainframe Integration

It is not uncommon across the financial industry to encounter legacy systems that have not been upgraded in over 40 years. While the systems themselves are functional, they typically operate on antiquated programming languages, and do not support highly efficient testing environments. DISYS' TCoE services allow clients to virtualize mainframe software to achieve greater efficiencies, ultimately leading to significantly higher ROI and process improvements across the entirety of the IT landscape.

Test Automation

Test Automation reduces the overall application testing costs and increases the speed to market by reducing the cycle time required to deploy new functions or applications. Our Test Automation Framework integrates function libraries, data sources, object details, and reusable modules. Tool Agnostic, our automation strategy leverages GUI and API level testing, and supports data driven, modularity driven, keyword driven, and hybrid frameworks.