

DISCOVER THE BENEFITS OF DISYS' ROBUST TESTING FRAMEWORKS

DISYS' Testing Center of Excellence (TCoE) is designed to help clients optimize their quality management and testing capabilities and realize tangible ROI

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.

Testing Management

We specialize in the management, design, construction, and execution of System/Functional, Regression, Mobile, Performance, and User Acceptance Testing. We cater to all testing requirements with an emphasis on continuous process improvements, innovation, and building core competencies which are easily portable to meet Agile testing requirements. DISYS' TCoE supports on, near, and off-shore delivery models.

Quality Maturity Level Assessment

The goal of a QMLA is to document and assess the effectiveness of the existing quality and testing processes and practices within the Software Development Life Cycle (SDLC). The QMLA Summary Report details findings of the assessments, identifies gaps, recommendations for process improvement, and a timeline and suggested roadmap for implementation of those improvements. The QMLA will determine how well the current processes conform to best practices, identify process and automation improvement opportunities, and examine processes and procedures associated with software testing and quality.

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

Test Automation Management and Frameworks

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.

Business Process Modeling

DISYS' TCoE leverages Business Analysts for all engagements and is responsible for creating Business Process Models. A Business Process Model assists Test Engineers to understand test tasks by providing holistic and visual representations of the complete system. The BPM workflow combines multiple component level tests to assess proper integration between components and validate business case requirements. BPMs and test cases focus on the end-to-end processing of one complete business process.