



REDUCE GO-TO-MARKET AND RELEASE TIMES WITH SONATA'S PLATFORM DRIVEN TEST AUTOMATION SERVICE

BUSINESS CHALLENGES

Complex Systems. Shorter Go to Market Timelines. Expensive Tools. Dynamic Technology Space. Rising Operational Costs.

And a persistent demand for high product quality sum up the challenges that plague IT organizations, as they strive to meet the expectations of their customer base.

Organizations have come to expect technology led businesses to steer the way ahead for them. Technology is increasingly becoming an integral part of their business and operational plans and is expected to make them agile to the demands of the market.

IT organizations are increasingly adopting agile practices into their work model to develop and deliver high quality solutions faster. Persistent need for shorter, frequent quality regression cycles, however continues to pose a challenge, impacting the overall release to market times.

THE 'CONTINUOUS LEFT' SHIFT IN AUTOMATION

Demand for higher productivity and faster delivery, is pushing organizations to better their engineering methods with a 'identify and fix early' approach, by left-shifting the quality process in the development model.

The need of the hour is a cost-efficient, accelerated, integrated quality monitoring process model that focuses on –

- Test Automation
- Automation of Test Support Activities
- Thorough and Continuous Testing
- Early identification of code issues
- Effective resolution of recurring changes
- Effective rise in development output

TEST AUTOMATION SERVICES

"Test Automation Services driven by demand, minimal efforts from Business Teams and increased Automation Coverage encompassed by a robust framework of industry knowledge and assets and implementing best in class Test Automation Tools and Framework Solutions"

Sonata's test automation services is built of the foundation of over a decade of experience in executing test automation engagements for Global enterprise Clients & a large pool of test automation engineers and consultants. Sonata's Test Automation Framework includes pre-built test automation scripts, utilities, process assets and frameworks, and has helped enterprises execute test automation initiatives successfully.

Key Test Automation Services include:

- Automation Assessment, Consultative & Transformation Services
- Automation Testing Tool Feasibility
- Automation Framework Development
- Automation Test Suite Development & Maintenance

Our test automation strategy enables organizations to accelerate releases, reduce time to market and optimize the overall testing effort resulting in a significant return on investment (ROI). Sonata has developed a tool and technology agnostic, plug-and-play test automation framework with pre-built interfaces to both CI (Continuous Integration) and CD (Continuous Deployment) tools, application lifecycle management tools and requirement management tools that encompass the majority of test automation tools adopted by organizations.

Sonata's Test Automation IP includes frameworks and accelerators for Functional, Mobility and Hybris Test Automation built by leveraging industry trends, best practices, and reusable frameworks/libraries.

Enterprises have leveraged Sonata's Test Automation Services for their enterprise automation initiatives and garnered significant benefits including savings of more than 50% in test automation script development efforts and over 70% reduction in overall regression testing efforts.

Key Benefits include –

- Increased Business Assurance
- Higher maturity levels of Testing Services
- Faster Speed to Market : Efficiency Gains
- Reduced Testing efforts and Cost
- Increased Test Automation Coverage

TEST ENGINEERING PLATFORM

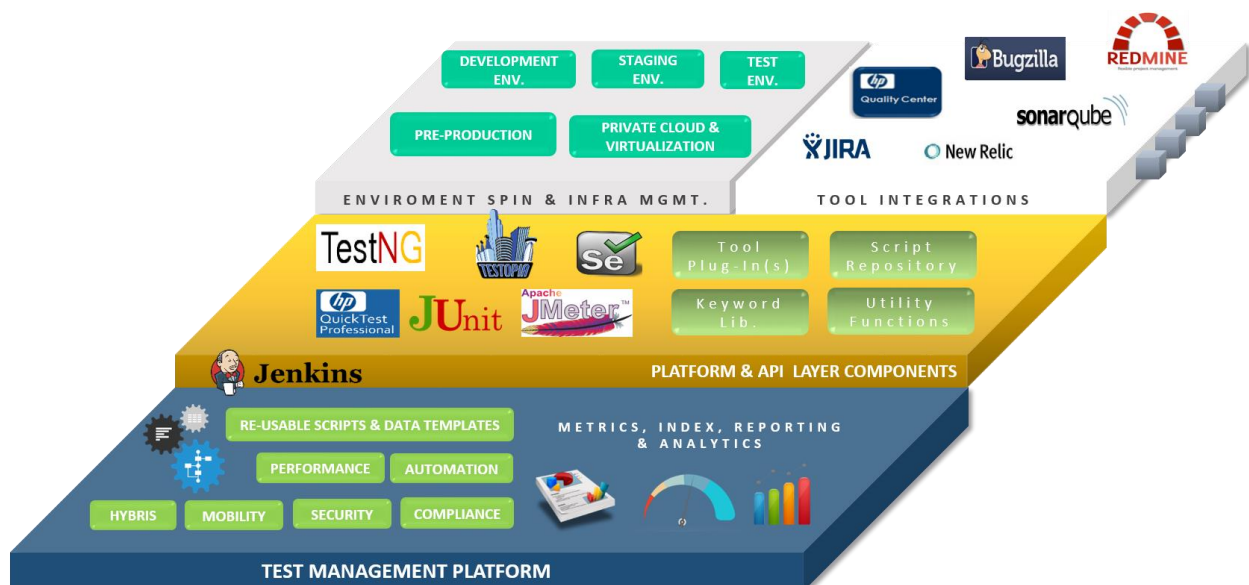
Ideated on the need for cost efficiency, timeline and performance prudence in the testing models, Sonata's Test Engineering Platform has evolved from prior testing experience from an automation factory to a framework consolidating re-usable assets and tools into an integrated test engineering platform.

Designed as an end-to-end test platform, integrating test, defect management and automation tools, in a plug and play mold, the platform synthesizes data, and makes available via multiple reporting dimensions and templates.

Key attributes of the platform include –

- One Click Trigger for deployment and execution
- Cloud Enabled Single Execution Platform
- Integrated Test Automation, Execution and Management
- Coverage of all testing types
- Domain / Vertical agnostic
- Test Management & Defect Management
- Integrated Reporting & Coverage Analytics

The platform is built on an open-source tool stack pertaining to defect management, automation, test case management and has built in interfaces with popular and widely used commercial tools.



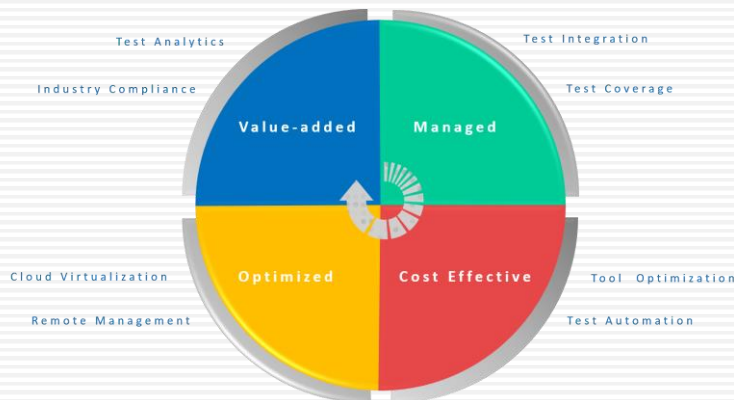
Aligned to the "left shift" model of testing operations and designed on a micro-services based, pluggable component architecture, the key aspects of the test platform include –

- Continuous Integration & Continuous Testing Model
- Single click triggers for deployment and test execution
- Cloud Enabled Model
- Coverage of all test types
- 100% Test Automation
- Domain / Vertical agnostic test assets
- Test Management and Defect Management
- Integrated Reporting & Coverage Analytics
- End-to-End feature traceability and vulnerability tracking

BENEFITS

Process Maturity and Quality are directly linked to a program success. Organizations are adopting newer operating models and tools to achieve this operational maturity.

Sonata's Test Engineering Platform helps organizations leverage value at every stage of the test engineering process, helping them achieve and maintain consistent high quality through a mature quality process.



Sonata Software is a global IT solutions firm focused on enabling platform based digital business and technology transformation for enterprises in the Travel, Retail, Distribution and Software industries. Sonata's products and platforms, anchored on its proprietary Platformation methodology, reflect the company's commitment to enable connected, intelligent, open and scalable business systems.

Sonata's portfolio of products and platforms include Rezipia Digital Travel Platform, Brick & Click Retail Platform, Modern Distribution Platform, Kartopia E-Commerce Platform, Halosys Unified Enterprise Mobility Platform and RAPID DevOps, CloudOps and Testing Platform. These platforms have been deployed by leading enterprises across the globe to achieve future ready digital businesses.



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