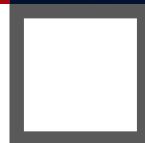




Reduce Go-To-Market and Release Times with Sonata's Test Automation Service



BUSINESS CHALLENGES

IT organizations are facing a range of challenges, including complex systems, tighter go-to-market deadlines, high-cost tools, a rapidly changing technology landscape, and the need to maintain high product quality while controlling operational costs. As technology becomes increasingly vital

to business operations, organizations are turning to agile practices to enable faster development and delivery of high-quality solutions. However, the need for shorter and more frequent quality regression cycles remains a persistent challenge, impacting overall time-to-market.

THE SHIFT-LEFT IN AUTOMATION

To meet the demands of higher productivity and faster delivery, organizations are seeking to enhance their engineering methods by adopting a "test and fix early" approach and shifting the quality process to the left in the development model. In order to achieve cost-efficient, accelerated, and integrated quality monitoring, a process model that focuses on the following key areas is essential:

01

Test Automation: This can help reduce manual testing efforts and improve the reliability and accuracy of test results.

02

Automation of Test Support Activities: This can save time and effort, reduce human error, and improve the consistency and repeatability of test processes.

03

Thorough and continuous testing: This can ensure that all aspects of a system are tested and that potential issues are identified and addressed early in the development process as the software changes happen.

04

Effective resolution of recurring changes: With the adoption of Agile SDLC, software changes are moved to production frequently, which require quick identification of defects and quick testing of detect fixes.

05

Effective rise in development output: This can help organizations deliver more value in less time and improve their competitiveness in the market.

TEST AUTOMATION SERVICES

"Test Automation Services are 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 offers a range of key test automation services, including:

- Automation assessment
- Test automation tool feasibility
- Automation framework development
- Automated test suite development and maintenance.

Our services are based on over a decade of experience working with global enterprise clients and a large team of test automation engineers. Our frameworks for web and mobile platforms include pre-built utilities for integration with continuous integration and deployment tools, application lifecycle management tools, and test management tools.

This has helped our clients successfully implement test automation initiatives, leading to significant reductions in test cycle time (up to 70%) and regression testing effort (over 50%), resulting in a high return on investment (ROI).

Benefits

Operational maturity and quality are critical factors in the success of any program. To achieve these goals, organizations are turning to newer operating models and tools. Sonata's Test Automation services help organizations maximize value at every stage of the test engineering process, enabling them to achieve and maintain consistent high quality through a mature quality process.





WHY SONATA?

Sonata helps clients unlock value and growth through Platforms with Sonata's proven Platformation services. We also help enterprises in shaping their Digital Agenda, Platform thinking and in reimagining Platform business models and ecosystem.

Sonata's Platformation™ approach helps clients to choose a solution that best fits their needs; balancing readily available platforms and solution customization

- 1. Platform Assessment:** Platformation™ led value chain analysis for core upstream capabilities such as Wells (Drilling & Completion) & Surface Platforms by analyzing Platformation™ digital characteristics status based on Platformation™ maturity assessment framework
- 2. Sonata READY:** End-to-end, industry-specific digital business platforms
- 3. Sonata ACCELERATE:** Deploy popular horizontal platforms adding required functionality
- 4. Sonata CUSTOM:** Engineer custom platforms that deliver unique digital capability and scalability

Sonata is a global technology company, that enables successful platform based digital transformation initiatives for enterprises, to create businesses that are connected, open, intelligent and scalable. Sonata's Platformation™ methodology brings together industry expertise, platform technology excellence, design thinking-led innovation and strategic engagement models to deliver sustained long term value to customers. A trusted partner of world leaders in the Retail, Manufacturing, Distribution, Travel, services and Software industries, Sonata's solution portfolio includes its own digital platforms such as Brick & Click Retail Platform®, Modern Distribution Platform®, Rezopia Digital Travel Platform®, Kartopia E-commerce Platform®, Halosys enterprise development automation Platform®, and CTRM Commodity trading and risk management Platform®, KODO - AI powered customer experience (CX) Platform, Sonata's Platformation realization services have been specifically designed so that implementation of services on Microsoft Dynamics 365, Microsoft Azure, AWS, Cloud Engineering, Managed Services as well as on new digital technologies like IoT, Artificial Intelligence, Machine Learning, Robotic Process Automation, Chatbots, Block Chain and Cyber Security, deliver to the Platformation promise. Sonata's people and systems are nurtured to bring together the depth of thought leadership, customer commitment and execution excellence to make a difference to business with technology.



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