

Sonata's Test Accelerator Solution for Oracle e-Business Suite



Speed-up your Oracle e-Business Suite Business Process Testing (BPT) using Sonata's Test Accelerator Solution

The customers of Oracle e-Business Suite would have made significant investments in implementing the application package to improve operational efficiencies and organizational responsiveness. Hence the pressure on organizations to realize the value of these implementations is immense. But these customers of Oracle face certain unique challenges. The requirements/functionalities of ERP systems are very complex and span several silos within an organization.

In addition to the inherent complexities of the systems, the challenges confronting the organizations arise from:

- ◆ Continuous stream of patches and upgrades released by Oracle in response to the defects and problems identified in the application.
- ◆ Internal enhancements made to align the application with changes to the business process.
- ◆ Compliance needs like SOX or HR which mandates the need for testing and tracking.

All these factors together, may affect the mission-critical functionality of the existing Oracle applications implementations. Since no two Oracle customers are alike, it's difficult to predict where failure occurs.

The only way to ensure that features of the applications work as expected is to perform testing. But for an application as comprehensive and complex as Oracle, it may prove to be a daunting effort from time as well as cost perspectives.

Some of the key challenges facing most of the testing engagements for packaged applications are:

- ◆ Excessive setup time & cost for functional test scripts, both manual & automated.
- ◆ Project delays and cost escalations due to extensive regression testing
- ◆ High complexity & cost of maintenance of test scripts
- ◆ Inability to re-use test assets (Scripts/Test cases) across scenarios
- ◆ Loss of productivity due to involvement of subject matter experts (functional team) in the testing process

However, failure to test the applications is bound to have a serious impact on an organization in terms of business interruptions and opportunity costs associated with them. And with Sarbanes Oxley regulations now in effect, penalties may go beyond mere business interruptions.

Hence, companies are looking for ways to **effectively automate** their Oracle release testing as well as **accelerate** the same to negate the challenges mentioned above. And that's where Sonata fits in.

Sonata, a strategic partner of HP and Oracle, offers a focused Oracle BPT Test Automation Accelerator Solution, to address the pain areas of testing ERP implementation, reuse the test assets for Oracle release testing and help organizations realize the benefits of these implementations.

Strategic Alliances

 <ul style="list-style-type: none"> ◆ 10 Plus Years of Multifaceted Partnership ◆ Oracle Certified Advantage Partner ◆ Oracle SI Partner for Enterprise Solutions ◆ Focus around Oracle e-Business Suite, Business Intelligence, Development Technologies and Fusion Middleware 	 <ul style="list-style-type: none"> ◆ HP Partner in India Since 2004 ◆ Platinum Partner ◆ 2006: Best Solution Partner for APAC ◆ Focus on Testing Software Tools
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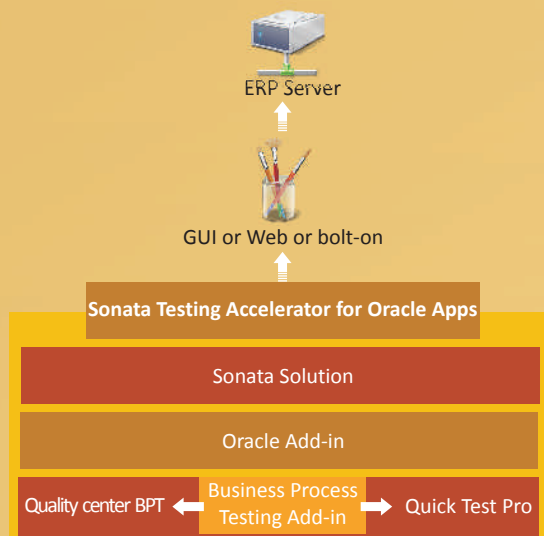
Oracle BPT Test Automation Accelerator Solution

Sonata leverages its extensive ERP implementation experience, knowledge of HP Business Process Testing (BPT) as well as cutting-edge intellectual property (IP) gained from its strategic alliance partners to provide a Oracle BPT Test Automation Accelerator Solution that drives down the automation effort by over 30% and facilitates easier maintenance of the test scripts.

Components of Oracle BPT Test Automation Accelerator Solution

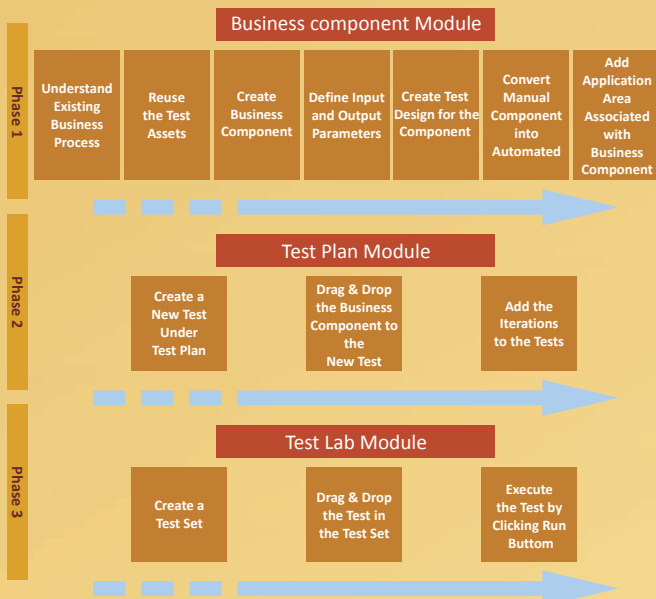
- ◆ Pre-built Test Assets for all major processes of standard Oracle apps implementation including HRMS, Order to Cash and Procure to Pay.
 - Reusable Test Design
 - Complete Business Test Components
 - Test Cases
- ◆ A combination of Mercury tools, templates and services.
- ◆ A methodology for optimized "test design", for Oracle Apps testing. Helps design & develop modular components for testing a highly customized Oracle environment.
- ◆ Best practices for test script maintenance.
- ◆ Data-driven approach to automation that ensures re-usability across multiple scenarios / test cases.

An architectural overview of the accelerator solution and how it interacts with the Oracle application as well as other HP software tools is provided below.



Sonata not only deploys this extensible framework, but also offers services to automate standard as well as custom transactions, and include them in automated scenarios. GUI, Web, and even legacy systems such as a mainframe may be included within the scope of the deployment

Sonata's BPT Test Automation Approach



Sonata's Services for Oracle customers in their quest to accelerate and achieve effective test automation at various stages of the application lifecycle is given below.

- ◆ Testing new Oracle implementation.
- ◆ Oracle upgrades testing.
- ◆ Testing during the application of hot-packs provided by Oracle.
- ◆ Testing customizations made by the client.

Value Proposition

Upfront Benefits

- ◆ Upto 30% reduction in automation effort & time with Sonata's accelerator solution
- ◆ Upto 70% reduction in effort compared to manual testing

Recurring Benefits

- ◆ Assemble test plan by dragging and dropping components for a business process
- ◆ Streamline test maintenance through
 - Re-usability of test assets
 - Elimination of duplication of efforts
- ◆ No lags in application of transports
- ◆ Subject matter experts can focus on business
- ◆ Run the test at fraction of effort

Sonata's Credentials & Expertise

Based on an outcome-driven service model, Sonata's Testing Practice offers a compelling business proposition – cost optimization, productivity enhancement and improved software quality. Leveraging a Global Delivery Model (GDM), Sonata manages large and complex testing engagements for its customers worldwide.

Sonata has a **track record of over 15 years in implementing Packaged Solutions and Upgrades** across multiple ERP solutions – including Oracle e-Business, SAP, Suite, Axapta and Scala (Epicor) – for over 150 clients. This gives it an innate understanding of the typical business processes involved in ERP implementation, like Order-to-Cash, Requisition-to-Pay, Forecast-to-Finished Goods, Service and Support, Record-to-Report (financials), HR, etc.

Testing Practice @ Sonata

The Oracle Testing Accelerator Solution and Oracle Test Automation services are a key component of Sonata's Managed Testing Services model. Sonata's Managed Testing Services act as a centralized and independent verification and validation arm for all application streams including Oracle, providing end-to-end testing services -- right from Test Strategy to Test Planning, Test Execution, Reporting and Optimization. This translates to a complete ownership for delivering and ensuring the completeness, availability and change management of its customers' business application landscape, managed by SLAs.

Sonata brings in deep domain knowledge to its client engagements through the experience of having worked with industry leaders in multiple domains such as Telecom, Travel, Insurance and Manufacturing. Based on mature processes, metrics-based approach and Global Delivery Capability, Sonata helps enterprises reduce operational costs to run "Business as Usual" systems. Its innovative delivery model helps enterprises identify the synergies across application streams, enabling effective resource-sharing and re-usability of test artifacts, while ensuring visibility of the end-to-end process flow spanning multiple applications.

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Sonata Software, headquartered in Bangalore, India, is a leading IT consulting and services company. Sonata's customers are located across the US, Europe, Middle East and the Asia-Pacific region. Its portfolio of services includes IT Consulting, Travel Solutions, Product Engineering, Application Development and Management, Managed Testing, Business Intelligence, Collaboration, Infrastructure Management and Enterprise Packaged Applications. Sonata is a Gold Certified partner in Dynamics, Information Worker and Custom Development competencies. Sonata has established Centers of Excellence focused on cutting-edge Microsoft technologies. As per the industry rankings released by NASSCOM for FY07-08 and FY08-09, Sonata Software ranked among the Top 20 IT Software and Service Exporters in India.

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