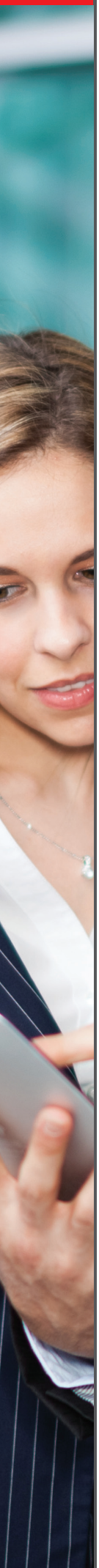
Application Development and Management: Services That Power High Performance

Product Engineering
Enterprise IT Services
Technology Infrastructure

SONATA SOFTWARE

DEPTH MAKES A DIFFERENCE



Enabling Business with IT, the Need of the Hour

Today's tough business environment is forcing enterprises aim for high performance levels to deliver efficient operations without compromising on strategic initiatives. The intent behind this is to help propel growth and differentiation from competition. It is a well-established fact that technology is a critical lever to help enterprises handle the challenging environment. At the same time, it requires expertise and experience to apply technology appropriately to achieve the desired results. This demands a sound understanding of the business context balanced with deep technology skills.

Sonata has partnered with several global enterprise to build their business relevant applications. Our Application Development and Management services are strategic. We work closely with the customer's business functions, understand the pain points, identify areas of improvement, and propose and develop an appropriate solution.

Service Offerings

We provide application development and management services that leverage Open Source and Microsoft technologies. Our approach towards providing solutions entails a comprehensive study followed by recommendations of the appropriate technologies.

Our Application Development and Management services are as follows:

End-to-End Application Lifecycle

- Technology Platform Evaluation
- Architecting
- Design and Development
- Testing
- Production Roll-out and Support

Support and Enhancement

- L1, L2, L3 Support
- Enhancing Existing Web Platforms

Integration and SOA Services

- Integration At Various Levels
- Enterprise and Business Integration
- Middleware-based Integration

Re-Engineering services

- Legacy Application to Web-Based Application
- 2-Tier Architecture to N-Tier Architecture
- Web and Application Development

Web and Application Development

Porting and Migration

- .NET to JEE - Migration to and from these Platforms
- Porting from one Application Server to Another

Building and Deployment

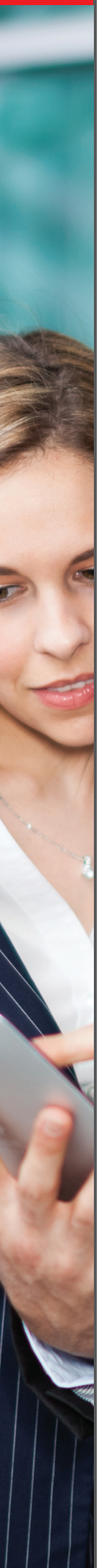
- Release and Configuration Management
- Production Roll-outs
- Administration of Production Environment

Performance Monitoring and Tuning

- Managed Performance Testing
- Client-relevant Latest Technology Services

Application Transformation

- Client-relevant Latest Technology Trends
- POC Execution and Business Case Development
- Open Source Technology Adoption
- Consolidation of Applications



Competencies

JEE Technology

We have worked with leading companies in the Travel, CPG, and Retail industries and have executed large and challenging projects. Our competency in JEE practice is as follows:

- Frameworks: Struts, Spring, Tiles, Velocity, Hibernate, JSF, Apache Wicket
- Integration Technologies: Web Services, SOA, BPM, ESB, BPEL, WSDL, UDDI, XML, WS Standards
- Rich Internet Application (RIA): AJAX, Flash, Flex, Java FX Mash up, HTML 5, Social Networking API's
- Infrastructure: Application Servers ('Web logic, Web Sphere, Tomcat, J Boss) Web Servers (Apache, JWS, I Planet), ApacheAxis
- Tools: Eclipse, J Developer, Performance Monitoring: (J Probe, J Pro le, Spotlight, L2) JMETER
- XML Technologies: XML, XSL, XSD, JAXB
- Architecture: SOA, SaaS
- Solution Accelerator: Sonnet Reference framework, SOA Solution Accelerator - utilities

Microsoft Technology

Sonata has a certified 'Customer Development' competency on Microsoft .Net and is an early adopter of various components of the latest .Net stack. Having now worked on more than a hundred projects, Sonata has developed a rich library of reusable components that also brings in the best practices based on learnings of previous engagements.

Our competence in .NET lies in the following:

- WPF - Windows Presentation Foundation for rich and interactive windows applications
- WCF - Windows Communication Foundation for SOA based applications
- WF - Windows Workflow Foundation for applications requiring workflow
- LINQ - Language Integrated Query that provides a high-level abstraction of virtually any data and emulates the query operations of the relational model
- AJAX - Framework to build RIA web applications. Provides asynchronous calls to server through JavaScript
- ADO - Net Data Services (Astoria): The framework consists of a combination of patterns and libraries that enable the creation and consumption of data services for the web in a RESTFUL (Representational State Transfer) style

Order Fullfilment Boosts Customer Satisfaction

Sonata helped a leading global retailer with a cross channel mobile-to-store order fulfillment solution. This .NET based solution was based on a Windows CE platform.

BENEFITS: The superior order management capabilities provided by the solution helped increase sales, improve operational ease and boost customer satisfaction.

Easy-to-Use, Future-Ready System and Considerable Cost Savings

Sonata helped a leading European travel company transition to a modern customer system.

BENEFITS: This enabled the company to become more future-ready in addition to improving ease of use and lowering costs.

Why Sonata

Sonata offers a sound alternative to companies looking for assistance in developing business-relevant applications. We can successfully build and manage highly scalable and effective applications in a cost-effective manner. Our reusable assets and frameworks enable accelerated application development. Finally, our CoE based approach ensures access to the latest technologies and best practices.

ABOUT SONATA SOFTWARE

Sonata Software is a global IT services firm focused on catalyzing transformational IT initiatives of its clients through deep domain knowledge, technology expertise and customer commitment. The company delivers innovative new solutions for Travel, Retail and Consumer Goods industries by integrating technologies such as Omni-Channel Commerce, Mobility, Analytics, Cloud and ERP, to drive enhanced customer engagement, operations efficiency and return on IT investments. A trusted long-term service provider to Fortune 100 companies across both the software product development and enterprise business segments, Sonata seeks to add differentiated value to leaders who want to make an impact on their businesses, with IT.

NORTH AMERICA | EUROPE | ASIA | ANZ

SONATA SOFTWARE

For more information write to us at:
info@sonata-software.com

APS Trust Building, Bull Temple Road
N. R. Colony, Bangalore - 560 019, India
T: +91-80-6778 1999 | F: +91-80-2661 0972

www.sonata-software.com