Application Development and Management: Services That Power High Performance
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 enterprises 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:

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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

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.