

Data Services (SOA) Implementation

Informatica Professional Services

Duration: Dependent upon project scope

IPS Staff Level: Technical Engagement Manager, Architect, Lead, Developer

Description

To keep pace with growing data demands and infrastructure complexity, organizations need a new architecture—one designed for extensibility and flexibility—a Service-Oriented Architecture (SOA). Informatica's approach to data integration and data quality is unique in that it enables shared data services for access, integration, auditing, and reporting to come together on an as-needed basis. Informatica can deploy flexible, easily deployed, and "smart" shared data services to eliminate data silos and simplify integration efforts for organization-wide access to consistent information. With this architecture, IT can extend the utility of existing systems without changing them, and substantially reduce costs and business risks of high-value IT projects.

Although the theoretical promise of enterprise agility is core to the benefits of SOA, many organizations have found that when they've implemented SOA in their application integration layer, they have struggled with the complexities of data fragmentation. This is because traditional SOA-enabling toolsets typically provide only simple data access and lack sophisticated data services. A data service is a **modular, reusable, well-defined**, business-relevant service that enables the access, integration and **right-time** delivery of **enterprise data** throughout the enterprise and across corporate firewalls. Informatica is unique in its ability to provide the widest spectrum of data services encompassing data access services, data discovery services, data cleansing services, data integration services, data delivery services, and metadata services

Solution:

Once you have a Data Services Strategy in place, you can move forward with implementing data services within your SOA. Typically, a data services implementation will be part of a larger initiative such as customer data integration, master data management, business analytics, compliance, application integration, or integration driven by a merger or acquisition.

Working with your IT and business management, Informatica's consultants have the knowledge and experience to guide you through the entire requirements definition/development/testing/deployment lifecycle of your data services project with careful planning and methods based on best practices that promote successful implementations. Our approach is based on Informatica Velocity—the documented framework for SOA projects resulting from the cumulative experience of the Informatica Professional Services organization.

Value:

- Experienced Informatica consultants to guide and deliver a successful data services solution
- Reduced development time implementing proven solutions
- Experience- and best practice methods-based project execution
- Project definition provides clear roadmap and realistic estimates up-front
- Knowledge transfer throughout enables development of internal experts
- Optimal implementation methods and functionality
- Benefit of a balanced development team committed to delivering proven solutions

Deliverables and Details

- Project definition and assessment from Informatica resource
- Baseline architecture deployment
- Informatica Velocity DESIGN phase
- Develop high level Data Services orchestration design (HLD)
- Develop low level Data Services technical design (LLD)
- Informatica Velocity BUILD phase
- Develop Unit Data Services according to Velocity best practices
- Informatica Velocity TEST phase
- Unit and system testing
- User acceptance testing
- Informatica Velocity DEPLOY phase
- Comprehensive system and data validation
- Deployment into production and registration with UDDI, where applicable
- Tuning of deployed Data Services to meet customer performance requirements

Drawing on our proven, 13-year track record of innovation and leadership, Informatica has defined the standard for data integration that has delivered competitive advantage and operational excellence to leading Global 1000 companies and government organizations.

For more information, contact Informatica Professional Services at ips@informatica.com



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