Transform the Enterprise with Oracle Fusion Middleware Solutions

Extend the Life of Current IT Investments While Moving Toward a More Connected, Productive Enterprise Solution

Introducing Cognizant's Oracle Solutions Practice

Cognizant's Oracle Solutions Practice (OSP) provides full lifecycle services across the entire Oracle solutions suite. Consistent with our goal of pioneering ideas, industry intelligence and technology expertise, we create tailored Oracle solutions that strengthen businesses. Our proven methodologies and innovative solution frameworks serve as a robust foundation for a wide range of service offerings, including Oracle Advisory, global implementations, rollout upgrades, application value management and testing.

Seamless, standards-based integration of business applications is critical to IT efficiency and for delivering internal and external solutions to a broad user base across the global enterprise. To connect systems built by different groups at different times, so that information may be shared securely and efficiently, organizations must gain participation from business and IT, and establish a flexible architecture and infrastructure foundation supported by a strong governance model. Adopting a platform such as Oracle Fusion Middleware helps ensure this level of interoperability and integration.

How Cognizant Helps

We help our customers assess their IT systems and suggest a transformation roadmap to deploy Oracle Fusion Middleware solutions that transform existing infrastructure quickly and accurately. Our OSP helps organizations build a foundation that supports integration and application customization, at a low cost and risk, for extended value of IT investments.

What's more, we can address current technology requirements for the cloud, leverage reusable components with better access to data, and maximize in-place critical business applications.

The Cognizant Difference

With our global mindset and expertise, passion for client satisfaction, and unwavering commitment to innovation, we are well-positioned to help drive value from Oracle Fusion Middleware investments today and in the future.

As an Oracle Platinum Partner, Oracle Development Partner, and one of Oracle's largest customers, we are closely aligned with Oracle's development and support teams. We stay at the forefront of technology reflected in Oracle's Fusion Middleware and work collaboratively with Oracle to continuously innovate and co-develop new solutions.

Access the World's Best Talent in Consulting and Domain Expertise

We have successfully implemented Oracle solutions for numerous Global 2000 customers in a variety of industry sectors. Our global teams of certified consultants are dedicated to Fusion competency and have delivered Fusion projects across all industry verticals.
Our consultants are well-versed in the Oracle Application Integration Architecture (AIA), which helps accelerate integration projects. They also have rich expertise in SOA products, such as BPEL, OSB, ESB, AIA, ADF, WCP, BAM, BPM and ODI, among others. In addition, we keep an eye toward future technology directions (Oracle ADF, Mobile-ADF, Oracle Coherence, CEP, ECM, etc.) to help future-protect our customers’ investments.

Fusion Middleware Service Offerings

Integration
- Oracle SOA Suite, Data Integration Suite, Governance Suite, AIA, Coherence.

Security
- Oracle Identity Suite, Oracle Access Management Suite, OWSM.

User Experience
- WebCenter, Application Development Framework (ADF), OAF.

Engineered Systems
- Exadata.

API Management
- Oracle Enterprise Repository, Oracle API Gateway, Oracle Enterprise Manager.

Cognizant’s Innovation and Strong Fusion Competency Foster Success

We have invested in building the highest level of Fusion Middleware competency, as well as best practices and solution accelerator repositories, for SOA solution delivery.

Innovation Center for Fusion Middleware

Early on, we realized the need to align our development approach with emerging SOA trends and Oracle’s strategy, by launching a Fusion Innovation Center, or Fusion Advanced Business Research and Innovation Center (FABRIC). This center specializes in creating SOA solutions built with Oracle’s Fusion Middleware. The primary objective of the center is to help future-protect customer investments in enterprise applications by synchronizing customer requirements with Oracle’s strategy and AIA platform. Our APICenter is a representative offering from the innovation center that maximizes Return On Investments (ROI) in Oracle middleware and application platforms.

solution overview
A lightweight scheduler based on Oracle ADF. This tool offers the ability to set up schedules as needed (hourly, monthly, daily, particular day in a month, etc.). The target for the schedule could be a Web service or custom Java class. When the scheduled time is reached, the application executes the corresponding target.

Generates artifacts from any existing migration source project. For transformation initiatives, Cora will create the entire project at one instance without manual intervention, allowing the business logic to be plugged in by the development team. Cora will significantly reduce development effort up to 20%.

A continuous integration solution primarily designed to mitigate challenges of business functionality and deliver excellence in SOA engagements using an open source platform.

Advanced enablement platform (AEP) for strategic SOA programs based on Oracle Fusion Middleware (FMW). Enables effective assessments, implementations, value management and transformational initiatives.

A sample of some of the time-saving tools and accelerators include:

Tools and Solution Accelerators

We continuously invest in creating tools and solution accelerators, included in every engagement, to enable faster delivery and lower costs for our clients. A sample of some of the time-saving tools and accelerators include:

**Zinnia**

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**DCIP**

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**Cora**

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**APICenter - Integration Platform for Next-Generation Enterprises**

Enterprises are experiencing digital acceleration driven by the advent of mobile, social and cloud platforms and the resulting consumer expectations. To effectively perform under these circumstances, a nimble and responsive enterprise that can exceed customer and partner expectations, while staying a step ahead of competition, is required.

Web APIs (Application Programming Interfaces) are the hallmark of such enterprises. Cognizant’s API Management Platform (“APICenter”) provides a turnkey solution that helps enterprises transform their digital capabilities and tap into the opportunities presented in today's evolving API economy.

APICenter allows strategists to extend enterprise core capabilities as APIs, configure API access attributes including thresholds, package APIs as consumable products, associate price packages to API products (monetization), manage developer onboarding and API access requests, and analyze ecosystems through advanced analytics dashboards.

APICenter allows consumers (e.g., app developers) to onboard through self-service, review live documentation and experience API behavior, subscribe and obtain access to APIs, execute API calls leveraging standards, such as OAuth (e.g., from mobile and responsive apps), and monitor their application and API usage through analytics dashboards. Customers who leverage our APICenter with integration advisory services are typically ready to formulate and implement an API strategy in about 6-8 weeks.

**Success Stories**

**End-to-End SOA Services for Anglo-Swedish Pharma Major**

**Business Background**

- The customer evaluated its middleware strategy in 2009 and finalized Oracle Fusion Middleware (FMW) as the integration platform. The customer was looking for an experienced partner to support a large-scale SOA program. Cognizant was selected as a partner for the initiative.
- The first SOA project was awarded to Cognizant's OSP in January 2010 based on previous project results and an excellent working relationship.
- By virtue of the application maintenance contract, Cognizant is providing global application maintenance and development for SOA supporting 3O+ application integrations, over 140 services and a transaction volume of over 10 million tickets per month.
SOA Factory model servicing development, maintenance and consulting of more than 30 Oracle Fusion integrations every quarter.

SOA platform upgrade to 11g, plus SOA performance tuning and testing.

Projects Executed
Cognizant was involved in the following key engagements with the client:

- Established Oracle Fusion Middleware Factory model to service R&D, sales and marketing, and corporate IT divisions.
- Integrated the B2B site with multiple vendor sites using Oracle SOA as the middleware.
- Provided application to track promotional spend on drugs, using online application built on ADF and integration services built on SOA and OSB.
- Verification of Oracle SOA installation in the Europe and Singapore locations.
- Resubmission framework, fail-over for drug sampling system, using JAVA, AJAX, OSB.
- Integration of SAP with Siebel, with multiple edge systems using OSB.
- Analyzed performance of all integration services and did a dedicated round of tuning to improve the performance and scalability of 100+ integration services.
- Executed development of reusable services for MDM customer master application, using Agile Scrum methodology.
- Deployment and support of drug sampling, activity tracking system, using OSB, BPEL, Coherence.
- Integrating systems for marketing campaigns, using BPEL, PL/SQL packages.
- Application development factory delivery, using OSB, ADF, BAM, BRE and BTM.
- Integration of multiple discovery systems, using OSB, BPEL.
- Peak team size 50+.

Business Benefits

- Provided a minimum of 15% cost reduction to the customer through seamless knowledge transition between Cognizant application development and application maintenance teams.
- Enabled automated monitoring of the servers and SOA services by developing a custom tool “Iscan.”
- Suggested and implemented business transaction monitoring tool “Amber Point” to effectively monitor the load on the servers.
- Reusable Web services that can be consumed by heterogeneous external systems with ease.
- Developed common utility services that can be reused in future integrations. Process built on light-weight Oracle Service Bus.
- Tools utilized from Fusion CoE: Amend tool helped reduce development time by 10%.
- Data Burst tool helped reduce execution time by 20%.

For more information on Cognizant’s Oracle solutions, contact us: OSP_Marketing@cognizant.com

About Cognizant
Cognizant (NASDAQ: CTSH) is a leading provider of information technology, consulting, and business process outsourcing services, dedicated to helping the world’s leading companies build stronger businesses. Headquartered in Teaneck, New Jersey (U.S.), Cognizant combines a passion for client satisfaction, technology innovation, deep industry and business process expertise, and a global, collaborative workforce that embodies the future of work. With over 75 development and delivery centers worldwide and approximately 217,700 employees as of March 31, 2015, Cognizant is a member of the NASDAQ-100, the S&P 500, the Forbes Global 2000, and the Fortune 500 and is ranked among the top performing and fastest growing companies in the world.

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