Fusion Middleware Integration on Cloud for Leading Japanese Pharma Major

Business Needs

- Provide a real-time, seamless, cloud based integration between the existing on premise and cloud based application using SOA technology on Oracle Fusion Middleware Platform.
- Customer wanted to develop a Contingent Worker Solution to provide a comprehensive approach to collect, track, manage and report information for on-boarding, maintenance and off-boarding of contingent workers using a streamlined and integrated business process.
- The program required streamlining of integration to the backend systems and multiple SaaS applications.

Technology Platform

- Oracle SOA 11g.
- Oracle Service Bus 11g.
- Oracle BPEL, BAM, EM.

Cognizant Solution

- Deploy Oracle Fusion Middleware on Oracle-on-Demand Cloud Platform using Cognizant's proven STEER methodology.
- Integrate Contingent Worker information with other SaaS based applications on cloud such as Workday.
- Seamless Integration of Workday and other SaaS based applications such as Compliance Wire.
- Integration to LDAP for security controls across on-premise and cloud apps.
- Re-use reference architecture and artifacts for Integration across R&D, Regulatory Compliance, Manufacturing/Supply Chain and Sales & Marketing divisions.
- Loosely-coupled and disjoint integration paradigms, which create systems that are highly agile via reusable business processes.
- Seamless Integration of Workday and other SaaS based applications such as Compliance Wire.
- Integration to LDAP for security controls across on-premise and cloud apps.
Benefits

- The ability to integrate real-time and seamlessly both on premise and cloud based applications had a great impact to the customer.
- Quicker adaptation to external environments.
- Scaling of operations to meet demand levels.
- Elimination of lost time due to errors in interface data exchange failure.
- Efficient monitoring and visibility into business process execution.
- Reduction in the turnaround time for the end to end business process from over 72 hours to less than an hour.
- The capability to enhance and reuse the existing assets and achieve rapid integration deployments with existing applications without having to incorporate any major re-engineering actions.
- Effort needed to maintain Contingent worker data reduced by more than 30%.
- Effort needed to integrate contingent worker data to other key applications reduced by 40%.

Challenges

- Enterprise Information Model and defined semantic communities were prerequisite capabilities that had to be optimized.
- Factoring “Reuse” needs much greater visibility/insight into the future services/ system’s needs.

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

About Cognizant

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