

Oracle Fusion Middleware SOA 12c

Why is SOA 12c great for your business

The basic business need of the time is to integrate fast & quick on premise with cloud hosted systems & mobile applications. Cloud hosted systems can make the systems in an enterprise disjointed and are a nightmare for Enterprise Architects, because business users see a demo of cloud hosted system, they usually fall in love with it if the product is good, then IT is told ...”go n get it”. Now thanks to Oracle Fusion Middleware SOA 12c, you can go n get that cloud hosted system, but yet govern & integrate with that hosted system in a manner that you do for on-premise systems.

Customer can be in Salesforce, but order processing may happen in on premise EBS

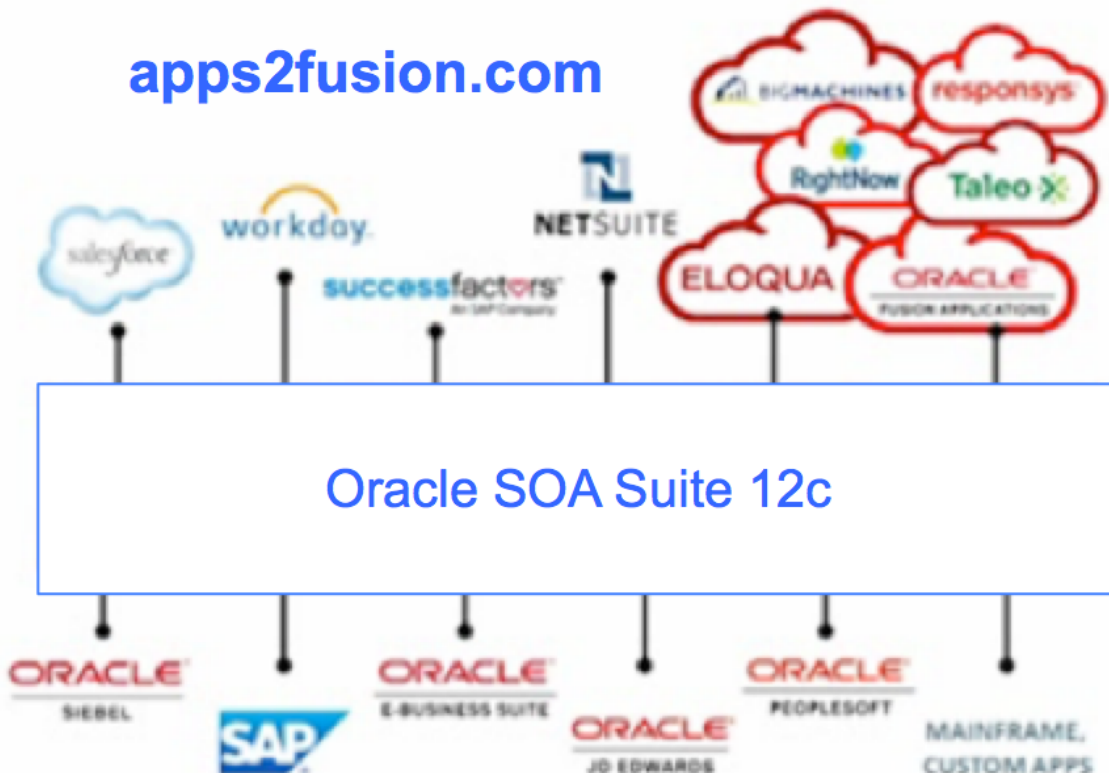
SOA 12c integrates your on-premise, mobile business apps & cloud systems in exactly the same way.



For example, you may create a customer in SalesForce, but the order management of that customer could be happening in Oracle Order management EBS. Further the corporates are buying more & more mobile business applications. The mobile application vendors mostly provide their own logins and passwords, and even that needs to fit in with governance of access & control across in-premise, cloud and mobile applications. The answer to these identity governance and integration lies in Fusion Middleware 12c.



The key advantage of SOA 12c is that you integrate your systems on-premise & cloud in exactly the same way. You also secure your data in a common way being agnostic to cloud or on-premise or mobile offering. Further you govern your access controls in exactly the same way for all systems, be it on-premise or cloud hosted or mobile applications.



Before the cloud came in, most of the integration was either with your key vendors & key external customers or most of the integrations were within

The internal security model implemented by one cloud vendor is typically different from the security implemented by another cloud vendor. You can however impose a common security layer across these systems that are on cloud & on-premise by using Oracle 12c SOA Suite capabilities.

internal systems itself. However, the new cloud stream of business applications are bringing a challenge for IT to make the cloud systems seamlessly integrated with their on-premise systems, both for data flow, business process management and security of data & access control. For developers, Oracle SOA Suite 12c presents a unified design interface across most of the components for Oracle SOA Suite. It means you can use Jdeveloper for Oracle SOA Suite, Oracle Service Bus and Oracle Event Processing.

Oracle have got it spot on for upgrades. Your in-flight processes of SOA 11g will work as normal and continue the processing after the cut-over is done to 12c. There is no pressure on businesses to close open sales orders or ship pending items or to approve timecards or journals or to complete ongoing user provisioning requests before the cutover for upgrade to SOA 12c.

As a developer, you no longer have to go to Eclipse for OSB and jDeveloper for another tool. This feature simplifies integration by eliminating the need to train developers, administrators, architects and others on separate components for every aspect of integration, which lowers cost and provides a faster time to integrate. Additionally, you can install SOA12c using rapid wizard for a development sandbox in less than 45minutes. This benchmark includes my 15 minutes of download time of the software.

The point and click integration has been introduced to allow you to leverage the shipped adaptors with variety of cloud providers such as Salesforce, Netsuite and Workday etc. Another key introduction into SOA 12c is the ease of ability to file transfer management. Using SOA 12c, customers can leverage the newly launched centralised file management component shipped with SOA 12c. It must be noted that product leverages the flagship Fusion Middleware 12c stack, which is one of the many softwares that we in apps2fusion.com provide training for.

Given that you get an integrated suite for integration, governance, security across on-premise, cloud & mobile platforms....needless to say that your TCO will remain low.

If you want us to train your in-house staff or require consulting on latest Oracle tech stack, or want a review of your enterprise landscape, then connect with us on contact@apps2fusion.com

For techie geeks, JSON/REST is more prominent in SOA 12c than ever before, whilst you can leverage SOAP for integrating with enterprise applications. The JSON/REST is the de-facto standard now for integrating your mobile applications to the back-end.

In SOA 12c, you can enforce harmonisation of business processes, because you can use templates for business process integrations. A company can build their own templates and enforce them for automating processes across their organisation. These templates can be governed centrally by the IT.

If you are a COO or CIO or IT Director, your question will be what is the TCO? To summarise, Fusion Middleware 12c gives you the following

1. Standardisation of integrations across your enterprise
2. Reduces time to market because you have just one product that covers all facets of IT integration & governance
3. It improves scalability because Weblogic Server 12c is highly scalable. Very easy to scale it horizontally, whilst ensuring High Availability