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Integration with Oracle Fusion Financials Cloud Service

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Executive Overview

Cloud computing is a vision that is increasingly turning to reality for many companies. Enterprises, both small and big, are evaluating cloud computing and, in increasing numbers, are moving their IT infrastructure to the cloud.

While deploying a cloud application or subscribing to a cloud-based service may be relatively straightforward, how will it integrate with other existing enterprise applications, including on-premise systems? In order to benefit from all the advantages of cloud computing, such as greater flexibility and lower costs, data integration becomes extremely important because the data residing in existing applications needs to be synchronized with your Oracle Fusion Cloud Services.

With Fusion Financials Cloud Service your integration requirements can easily be met with ADF Services, ADF Desktop Integration, File Based Data Import, and Reporting Tools.

Introduction

Oracle Fusion Financials Cloud Service is built with Oracle's Application Development Framework (ADF) and provides four primary methods of integration with other applications: ADF Services (commonly referred to as Web Services), ADF Desktop Integration, File Based Data Import, and Reporting Tools.

This white paper provides a conceptual overview of each type of integration and identifies the associated functional area for each integration point.

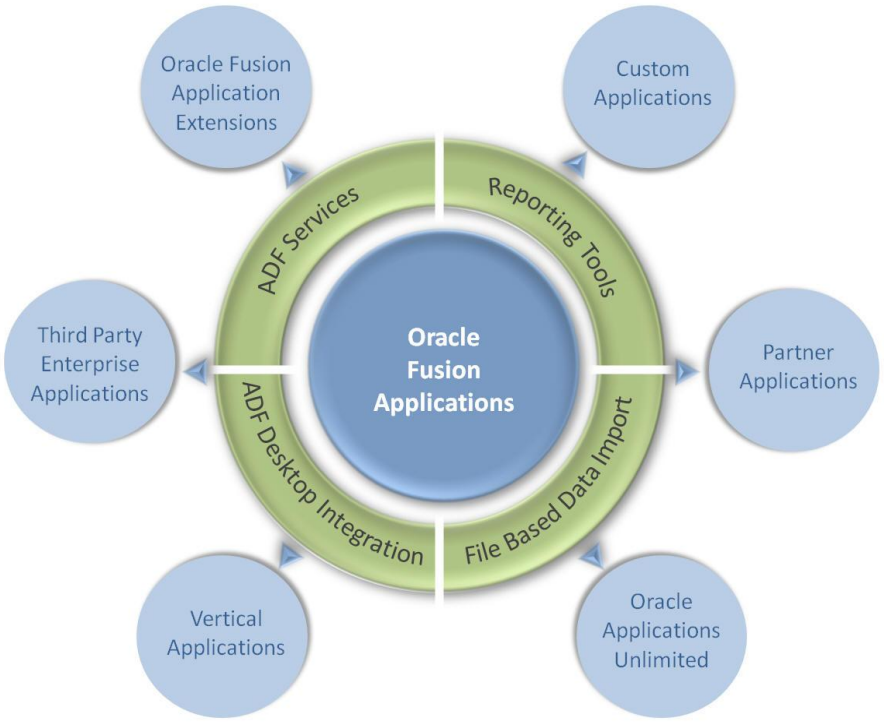

Figure 1: Oracle Fusion Financials Cloud Service integration options

ADF Services

ADF Services simplify integration by enabling XML data exchange between different applications and different platforms.

A web service provides a standardized way of integrating two web-based applications. A web service is a program that can be accessed remotely using different XML-based languages. For example, a banking web service may implement functions to check an account, print a statement, and deposit and withdraw funds. These functions are described in a web service description (WSDL) file that any consumer can invoke to access the banking web service. As a result, a consumer does not have to know anything more about the web service than the WSDL file that describes what it can do. A web service consumer (such as a desktop application or other application) invokes the web service by submitting a request in the form of an XML document to the web service provider.

Oracle Fusion Financials Cloud Service uses Oracle's ADF Business Components (ADF Service) to create its web services. Fusion Financials provides over 180 web services that are documented in detail in the Oracle Enterprise Repository.

The following table identifies some key ADF Services for Fusion Financials:

Journals	Suppliers	Customer Credit Memos
Fixed Assets	Supplier Invoices	Customer Receipts
Fixed Asset Locations	Supplier Invoice Holds	Banks, Branches and Bank Accounts
Intercompany Balancing	Customer Invoices	Corporate Card Expenses
Intercompany Transactions	Customer Invoice Adjustments	Expense Approvals

ADF Desktop Integration

ADFdi provides validated entry of large volumes of data into Oracle Fusion Financials Cloud Service using MS Excel spreadsheets.

ADF Desktop Integration (ADFdi) is also part of the ADF framework and enables desktop integration with MS Excel spreadsheets to manage large volume data uploads into Fusion Applications. The integration provided with ADFdi includes interactivity that enables web picker to search for valid values, perform validation during data entry, display error messages, and immediately submit transactions directly from MS Excel.

Fusion Financials Cloud Service makes extensive use of ADFdi with the following integrations:

Journals	Asset Mass Retirement	Asset Suspend / Resume Depreciation
Journal Import Error Correction	Asset Mass Reinstatement	Asset Transfer Source Lines
Currency Conversion Rates	Asset Units of Production	Expense Report Entry
Supplier Invoices	Asset Impairments	Cash Receipts and Remittance

Supplier Invoice Import Error Correction	Asset Unplanned Depreciation	Receivables Lockbox Error Correction
Asset Additions	Asset Depreciation Rules Changes	Customer Invoice Error Correction
Asset Matt Transfer / Unit Adjustment	Asset Category Changes	Intercompany Transactions
Group Asset Changes		

File Based Data Import

External data can be extracted and formatted into a source file for transfer into interface tables and import into Oracle Fusion Financials' applications.

File Based Data Import (FBDI) is another option for getting information into your Fusion Financials Applications. The process of using FBDI is quite simple: download an excel template that identifies all of the fields, populate the spreadsheet with data from the external system, save the file as a .csv file type, upload the file to the server, and run processes to transfer the data to the interface tables and import into the various applications. All of the data is validated during import to insure its integrity.

The following table identifies the FBDI options available in Fusion Financials Cloud Service:

Supplier Invoices	Mass Additions of Fixed Assets	Intercompany Transactions
Customer Invoices	Mass Retirements of Fixed Assets	Journals
Customer Receipts	Mass Transfers of Fixed Assets	Segment Values and Hierarchies
Customers	Mass Fixed Asset Financial Transactions	Budget Balances
Bank Statements	Asset Units of Production	Supplier Bank Accounts
Tax Configuration Content		

Reporting Tools

Reporting tools can be used to extract data from Fusion Financials Cloud Service for further analysis and import data into external systems via XML, Excel or other file types.

Fusion Financials Cloud Service uses four primary reporting tools which can be used to extract data from Fusion Financials and import into your external systems.

- BI Publisher delivers high volume transactional reports, such as Invoice Registers or Trial Balance reports, that can be configured to extract the data in Rich Text Format or XML.
- Oracle Transactional Business Intelligence for Financials provides the ability to build custom queries on transactional data, and the output can be downloaded to Excel.
- Financial Reporting Center enables reporting based on multi-dimensional general ledger balances and hierarchies. Live reports that are based on real-time data can be analyzed and viewed in multiple output formats, such as HTML, PDF, Excel and other MS Office products.
- Smart View is an Excel plug-in that allows your financial users to perform ad hoc multi-dimensional analysis on general ledger balances in real-time.

All of these reporting tools provide broad access to data in the cloud for integration with external systems.

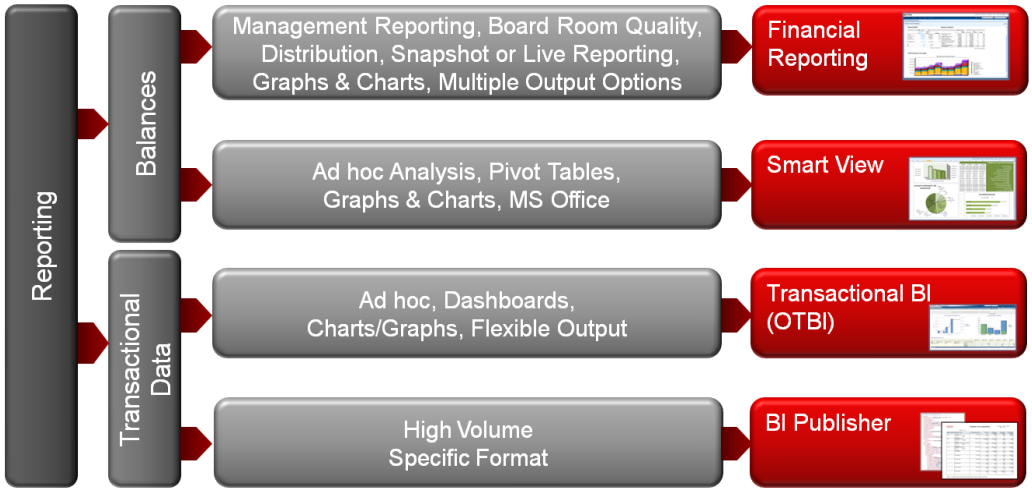

Figure 2: Reporting tools available with Oracle Fusion Financials Cloud Service

Why Oracle?

With Oracle Cloud, you get enterprise-grade application and platform services based on best-in-class business applications and the industry's leading database and application server, managed by experts with over a decade of cloud delivery experience. More than 25 million users rely on Oracle Cloud every day.

Conclusion

There are many advantages to moving your Financials system to the cloud, such as agility and operational cost savings, but it should not increase the cost and complexity of your integration requirements. With Fusion Financials Cloud Service your integration requirements can easily be met with ADF Services, ADF Desktop Integration, File Based Data Import, and Reporting Tools.

Integration Points for Oracle Fusion
Financials Cloud Service
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