Workday Integration Cloud Platform

Workday's Integration Cloud Platform is a proven, enterprise-class Integration Platform-as-a-Service (iPaaS) for building, deploying, and managing integrations to and from Workday. All integrations are deployed to and run on Workday without the need for any on-premise middleware. Workday also provides management and monitoring services embedded in the Workday UI.

Integration Tools for Both IT and Business

Workday offers a suite of self-service integration tools which enable both business users and IT developers to build, configure, test and deploy custom integrations.

- ### Enterprise Interface Builder (EIB)

  The Workday Enterprise Interface Builder (EIB) tool provides an easy-to-use graphical and guided interface to define inbound and outbound integrations without requiring any programming. Used by the majority of Workday customers, the EIB can be used by both business and IT users to address a variety of integration needs.
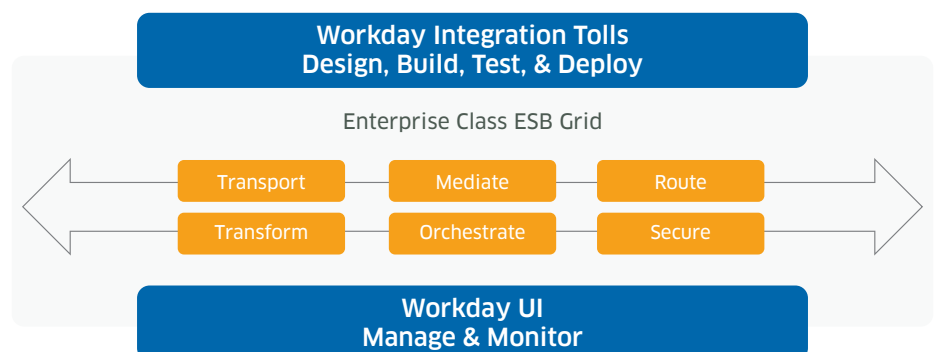
- ### Workday Studio

  Workday Studio is a powerful development tool enabling customers and partners to build sophisticated and highly-customisable integrations to and from Workday. Aimed at skilled developers, Workday Studio offers a rich, graphical development environment in which a user can drag and drop a variety of re-usable components that handle the plumbing aspects of integration building, freeing you to focus on critical business logic.

ESB Enterprise Grid

Powering all Workday's integration capabilities is a best-of-breed Enterprise Service Bus (ESB) architecture that empowers Workday's integrations to scale, interconnect, and support the latest industry standards, protocols, and formats. Workday's ESB is a core component of the Workday Cloud and provides universal and open standards-based connectivity for virtually all types of business applications, information, and processes.

The Workday Integration Cloud Platform is a proven, enterprise-class Integration Platform-as–a-Service (iPaaS) that enables customers and partners to build integrations to and from Workday and deploy and manage them in the Workday Cloud.

- Enable business users to build, launch, monitor, and manage Workday-related integrations with easy-to-use, graphical tools delivered directly within the Workday UI

- Take advantage of a powerful and productive IT development environment optimised for building sophisticated and highly customisable integrations

- Deploy all integrations to the Workday Cloud, powered by an enterprise-class Enterprise Service Bus (ESB)

- Monitor and manage integrations in the Workday UI

- Eliminate the need to own or manage any on-premise integration middleware or servers

Workday Integration Tolls
Design, Build, Test, & Deploy

Enterprise Class ESB Grid

| Transport | Mediate | Route |
| Transform | Orchestrate | Secure |

Workday UI
Manage & Monitor

Management & Monitoring

Within the Workday UI, you can manage and monitor integrations built with EIB and Studio. Both business users and IT developers can:

- Launch and schedule integrations

- View and manage past, running, and scheduled integrations

- Create and maintain email notifications based on integration events, such as when integrations launch, complete, or fail

- Configure integration security to control which users can launch, build, and view integrations and their data

Workday's integration tools are widely proven in a variety of demanding situations and offer a lower-cost, lower-risk path to delivering needed integrations in support of your specific business needs.

Enterprise Interface Builder (EIB)

Features

- Solves many of the common integration problems that traditional ERP customers face today

- No programming required – appropriate for business users and analysts

- Easy-to-use, form-based graphical tool

- Export data out of Workday on a one-time or scheduled basis (e.g., send weekly list of new hires to third-party training vendor)

- Bulk perform a large number of tasks or load large amounts of data into Workday using Excel spreadsheets (e.g. hiring employees, bonus data)

- Delivered on-demand directly within Workday applications

Technical Specifications

- Transports:
  - SFTP
  - FTP/SSL
  - FTP
  - Email
  - HTTP/SSL
  - WebDAV
  - AS/2
  - Workday Attachment

- Security:
  - PGP (encryption, decryption, & digital signatures)
  - x509 (AS/2 encryption & digital signatures)

- Data Sources:
  - Excel Spreadsheet
  - Workday Web Service API
  - Workday Custom API

- Data Transformations:
  - XSLT

- Data Formats:
  - XML
  - Excel
  - CSV
  - JavaScript Object Notation (JSON)
  - Google Data (GData)
  - Really Simple Syndication (RSS)
  - HTML

- Other:
  - File compression
  - Document retention policy
  - Filename sequence generator

Workday Studio

Features

- Solves sophisticated and highly customisable integration needs to and from Workday applications

- Rich, graphical development environment, including a drag-and-drop palette of purpose-built packaged components

- Unified framework for building, launching, debugging, monitoring and troubleshooting

- Scalable and efficient processing of large data sets (up to tens of gigabytes)

- Advanced message processing capabilities, including change detection, complex looping, and branching logic based on dynamic data or external variables

- Customisable with Java, Spring, or third-party services

- Tight incorporation with Workday, including direct access to Custom Reports, CRFs, and Workday Web Services

- Integrations built in Studio can be published to and made available from within Workday applications

Technical Specification

- Transports:
  - SOAP
  - REST
  - HTTP/SSL
  - FTP
  - SFTP
  - FTP/SSL
  - Email
  - AS/2
  - Custom

- Data Transformations:
  - XSLT
  - Text-to-Excel and Excel-to-Text
  - Text-to-XML and XML-to-Text
  - XML-to-Java and Java-to-XML
  - XML-to-x12 and x12-to-XML
  - XML-to-CSV and CSV-to-XML
  - Formatting Objects Processor for PDF & RTF
  - File character conversions
  - Base64-encoding & decoding

- Productivity Tools
  - Web service message builder and tester
  - WSDL and XML schema explorer
  - XPath expression builder

- Security:
  - PGP (encryption, decryption, & digital signatures)
  - x509 (AS/2 encryption & digital signatures)

- Other:
  - File compression
  - Document retention policy
  - Filename sequence generator
  - Database storage & retrieval

workday.

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