

Transaction Adapter for CA PPM

At a Glance



Transaction Adapter for CA PPM helps with importing labor and non-labor actual costs from an organization's designated financial source of truth into CA PPM. The automated upload of actual costs to specific investments in CA PPM facilitates a comprehensive view of project financial data and helps establish a true comparison of planned and actual costs.

The Transaction Adapter is CA SaaS compliant and leverages an integration framework that supports integration via flat files; or via web services. This ensures that the integration is not restricted to any single financial management solution.

The integration framework provides the ability to easily configure attribute mappings, business and validation rules through custom objects and has a comprehensive error handling capability.

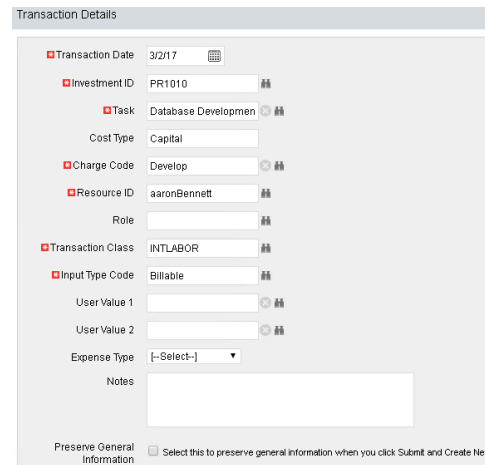
Key Outcomes: Why Transaction Adapter?



- Ensures on time availability of financial actuals data on CA PPM investments for reporting. The data may include – labor and non-labor expenses, project credits, material, equipment and other project actual costs.
- Hides complexities involved in manually processing actual costs via transaction entries through automation with validation for data quality and correctness prior to loading of actual costs to CA PPM.
- Reduces scope for errors by eliminating manual effort required for uploading financial actuals data.
- Provides complete administrative control for determining the frequency of update to the financial actuals data in CA PPM via CA PPM's native job scheduler.
- Robust error handling and reporting via multiple portlets

What Does the Transaction Adapter Automate?

The Transaction Adapter automates the creation of Transaction Entries.



Transaction Details

- Transaction Date: 3/2/17
- Investment ID: PR1010
- Task: Database Development
- Cost Type: Capital
- Charge Code: Develop
- Resource ID: aaronBennett
- Role: [Empty]
- Transaction Class: INTLABOR
- Input Type Code: Billable
- User Value 1: [Empty]
- User Value 2: [Empty]
- Expense Type: [-Select-]
- Notes: [Empty text area]

Preserve General Information Select this to preserve general information when you click Submit and Create New.

Transaction Entry Screen – Transaction Details



Transaction Data

- Quantity: 40
- Cost: 100 USD
- Rate: 0.00 USD
- Chargeable:

Transaction Entry Screen - Quantity, Cost and Rate

How It Works

- The Transaction Adapter accepts financial transaction data from the external system in the form of delimited flat file (.csv, .txt), validates data, forms the required web service request, and loads the data in to CA PPM.
- Where possible, the Application Adapter may also make direct web service calls to retrieve data (instead of using flat files).
Recommendation: For an adapter of this type, CA recommends the use of file-based batch integration due to the likely volume of data and access restrictions to the source system. .
- The following portlets are configured to monitor and diagnose errors during operation of the Transaction Adapter:
 - **Transaction Adapter** portlet provides the summary information for all Transaction Adapter jobs with ability to filter for a specific execution of the Transaction Adapter job.
 - **Transaction Adapter Archive** portlet provides the summary information of validation errors, warnings and errors from XOG for a specific execution of the Transaction Adapter job.
 - **Transaction Adapter Errors** portlet provides detailed information on the validation errors, warnings and run time errors for a specific execution of the Transaction Adapter job. This portlet helps identify the source of the error and take corrective actions.
 - **Transaction Adapter XOG** portlet provides detailed information on the XOG input and output generated in a specific execution of the Transaction Adapter job. This portlet helps identify XOG errors and take corrective actions.

Note: The Transaction Adapter can be configured to send email alerts to administrators indicating successful completion of the Transaction Adapter job or failures in the execution of the Transaction Adapter job.

TIP:

Ensure alignment of CA PPM financial attributes to your organization's financial management solution before implementing Transaction Adapter.

Compatibilities



On Premise

CA PPM Version: CA PPM 14.3 or higher.

Database:

- Oracle 11.2 Standard and Enterprise Edition: version 11.2.0.4.x or higher patch level
- Oracle 12c Standard and Enterprise Edition: version 12.1.0.2.x or higher patch level

No MSSQL Support

SaaS

CA PPM Version – CA PPM 14.3 or higher.

Contact your CA Services representative for further assistance with purchasing this component.