

Cost Plan Adapter for CA PPM



At a Glance



Cost Plan Adapter for CA PPM helps in importing planned labor and non-labor costs from an organization's financial planning tool or an ERP solution into CA PPM.

The Cost Plan 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 ERP 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 Cost Plan Adapter?



- The Cost Plan Adapter creates an integration between an organization's preferred financial planning solution and CA PPM. This removes any duplication of effort in creating cost plans in CA PPM by copying information from the financial planning source of truth.
- Reduces overhead on project managers, budget owners (and similar roles) by eliminating manual effort for creating and updating cost plans.
- Ensures greater degree of accuracy in financial forecast data which is critical to project success.
- Automation with validation for data quality and correctness prior to loading or update of the Cost Plans in CA PPM.
- Provides complete administrative control for determining the frequency of update to the Project data in CA PPM via CA PPM's native job scheduler.
- Robust error handling and reporting via multiple portlets

What Does the Cost Plan Adapter Automate?

The Cost Plan Adapter imports cost plan detail rows from a financial planning solution into CA PPM Investment object instances such as projects, applications, and other work.

Project: Client Services Datamart | Cost Plan: Initial Cost Estimate - Apr 2017 - Cost Plan Details Actions

Show: Investment Currency View

+ Filter: None						Amounts By Period												
<input type="checkbox"/>	Cost Type	Transaction Class	Cost Total	Actual Cost	Cost Variance		2017-04	2017-05	2017-06	2017-07	2017-08	2017-09	2017-10	2017-11	2017-12	2018-01	2018-02	2018-03
<input type="checkbox"/>	Capital	Internal Labor	323,200.00	0.00	323,200.00	Planned Cost	0	6,400	47,200	28,800	6,400	47,200	28,800	6,400	47,200	28,800	47,200	28,800
						Actual Cost	0	0	0	0	0	0	0	0	0	0	0	0
						Cost Variance	0	6,400	47,200	28,800	6,400	47,200	28,800	6,400	47,200	28,800	47,200	28,800
<input type="checkbox"/>	Operating	External Labor	264,800.00	0.00	264,800.00	Planned Cost	19,200	4,800	0	0	6,400	47,200	28,800	6,400	47,200	28,800	47,200	28,800
						Actual Cost	0	0	0	0	0	0	0	0	0	0	0	0
						Cost Variance	19,200	4,800	0	0	6,400	47,200	28,800	6,400	47,200	28,800	47,200	28,800
<input type="checkbox"/>	Operating	Internal Labor	112,400.00	0.00	112,400.00	Planned Cost	66,080	31,920	0	14,400	0	0	0	0	0	0	0	0
						Actual Cost	0	0	0	0	0	0	0	0	0	0	0	0
						Cost Variance	66,080	31,920	0	14,400	0	0	0	0	0	0	0	0
<input type="checkbox"/>	Operating	Software	60,000.00		60,000.00	Planned Cost	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
						Actual Cost	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
						Cost Variance	0	0	0	0	0	0	0	0	0	0	0	0
<input type="checkbox"/>	Operating	Travel	15,000.00		15,000.00	Planned Cost	10,000	0	0	0	0	0	5,000	0	0	0	0	0
						Actual Cost	10,000	0	0	0	0	0	0	0	0	0	0	0
						Cost Variance	0	0	0	0	0	0	5,000	0	0	0	0	0
Planned Cost			775,400.00				100,280	48,120	52,200	48,200	17,800	99,400	67,600	17,800	99,400	62,600	99,400	62,600

Figure 1: Cost Plan Detail Rows are Imported Updated by the Cost Plan Adapter

How It Works

- The Cost Plan Adapter accepts Cost Plan data from the external ERP 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 Cost Plan Adapter may also make direct web service calls to retrieve data (instead of using flat files). *The recommendation for an adapter of this nature is the use of file based batch integration due to the likely volume of data and accessibility restrictions to the source system.*
- The following portlets are configured to monitor and diagnose errors during operation of the Cost Plan Adapter:
 - **Cost Plan Adapter** portlet provides the summary information for all Cost Plan Adapter jobs with ability to filter for a specific execution of the Cost Plan Adapter job.
 - **Cost Plan Adapter Archive** portlet provides the summary information of validation errors, warnings and errors from XOG for a specific execution the Cost Plan Adapter job.

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- **Cost Plan Adapter Errors** portlet provides detailed information on the validation errors, warnings and run time errors for a specific execution of the Cost Plan Adapter job. This portlet helps identify the source of the error and take corrective actions.
 - **Cost Plan Adapter XOG** portlet provides detailed information on the XOG input and output generated in a specific execution of the Cost Plan Adapter job. This portlet helps identify XOG errors and take corrective actions.

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

TIP:

- The Cost Plan Adapter imports planned cost data and can be extended to include additional custom attribute values (such as “Commitment”)
- The Cost Plan Adapter does not import any actual cost. The Transaction Adapter should be utilized for importing actual cost.
- Budget Plans should be created in CA PPM by submitting Cost Plans. Budget Plans are not imported by the Cost Plan Adapter.
- The financial configuration of CA PPM must be completed before the Cost Plan Adapter is designed and configured.

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.