

Application Adapter for CA PPM

At a Glance



Application Adapter for CA PPM helps with importing lists of Applications from standard CMDB systems into CA PPM and with keeping them updated in CA PPM. Creating an inventory of Applications in CA PPM helps your organization get a basic understanding of supporting technology, maintenance costs and risks, and is the first step towards doing Application Portfolio Management

The Application 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 CMDB 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 Application Adapter?



- Ensures that an inventory of Applications is available and the associated data is current.
- Helps answer key questions such as “What Applications do we have?”, “Which Applications are best aligned with business and are compliant with the latest technology standards?” and “What is the Total Cost Of Ownership of an Application?”
- Sets up your PPM solution to support Application Portfolio Management.
- Automation with validation for data quality and correctness prior to loading of actual costs in to CA PPM.
- Reduces scope for errors by eliminating manual effort for creating and updating Applications.
- Provides complete administrative control for determining the frequency of update to the application data in CA PPM via CA PPM’s native job scheduler.
- Robust error handling and reporting via multiple portlets

What Does the Application Adapter Automate?

Registering and maintaining inventory of Applications.

Application	Stage	Category	Platform	Technology	Version	Start	Finish	Planned Cost
Altus Online Order Application	█████	Productivity	Sun	Web	3.4	3/1/16	2/28/18	321,712.00
BrightStor Storage Resource Manager for MS Exchange	█████	Productivity	Windows	Data	12.1	5/1/16	4/30/18	80,540.00
Call Contact Center Application	█████	CRM	HP-UX	Voice	6.2	7/1/16	6/30/18	131,544.00
CSS OnLine Retirement Application	█████	Productivity	Windows	Web	7	6/1/16	5/31/18	158,960.00
Employee Benefits Admin Application	█████	ERP	Sun	Web	14.1	4/1/16	3/30/18	310,056.00
Employee Benefits Enrollment Application	█████	ERP	Sun	Web	14.1	8/1/16	7/31/18	183,744.00
Fixed Assets	█████	ERP	Sun	Data	2.6	5/1/16	4/30/18	300,336.00

Figure 1: Application Inventory

Figure 2: Register Applications

How It Works

- The Application Adapter accepts Application metadata from the external CMDB 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). *The recommendation for an adapter of this nature is 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 Application Adapter:
 - **Application Adapter** portlet provides the summary information for all Application Adapter jobs with ability to filter for a specific execution of the Application Adapter job.
 - **Application Adapter Archive** portlet provides the summary information of validation errors, warnings, and errors from XOG for a specific execution the Application Adapter job.
 - **Application Adapter Errors** portlet provides detailed information on the validation errors, warnings and run time errors for a specific execution of the Application Adapter job. This portlet helps identify the source of the error for taking corrective actions.
 - **Application Adapter XOG** portlet provides detailed information on the XOG input and output generated in a specific execution of the Application Adapter job. This portlet helps identify XOG errors for taking corrective actions.

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

APPLICATION ADAPTER IMPLEMENTATION OPTIONS:

1. **Application Adapter Base:** Supports standard CA PPM Application attributes.
2. **Application Adapter for APM:** Supports CA Application Portfolio Management (APM) Add-In attributes.

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.