Grupo de Usuarios de CA PPM

Spain & Portugal

lunes, 21 de septiembre de 2015

Business, rewritten by software.

ca technologies

Agenda

POSIBILIDADES DE INTEGRACIÓN CON CA PPM (SAP, BSI, …)

PROPUESTAS DE SOLUCIÓN PARA BACKUP Y ARCHIVADO DE DATOS HISTÓRICOS

CA PPM ROADMAP

PRÓXIMA REUNIÓN DEL GRUPO Y TEMAS DE INTERÉS A TRATAR

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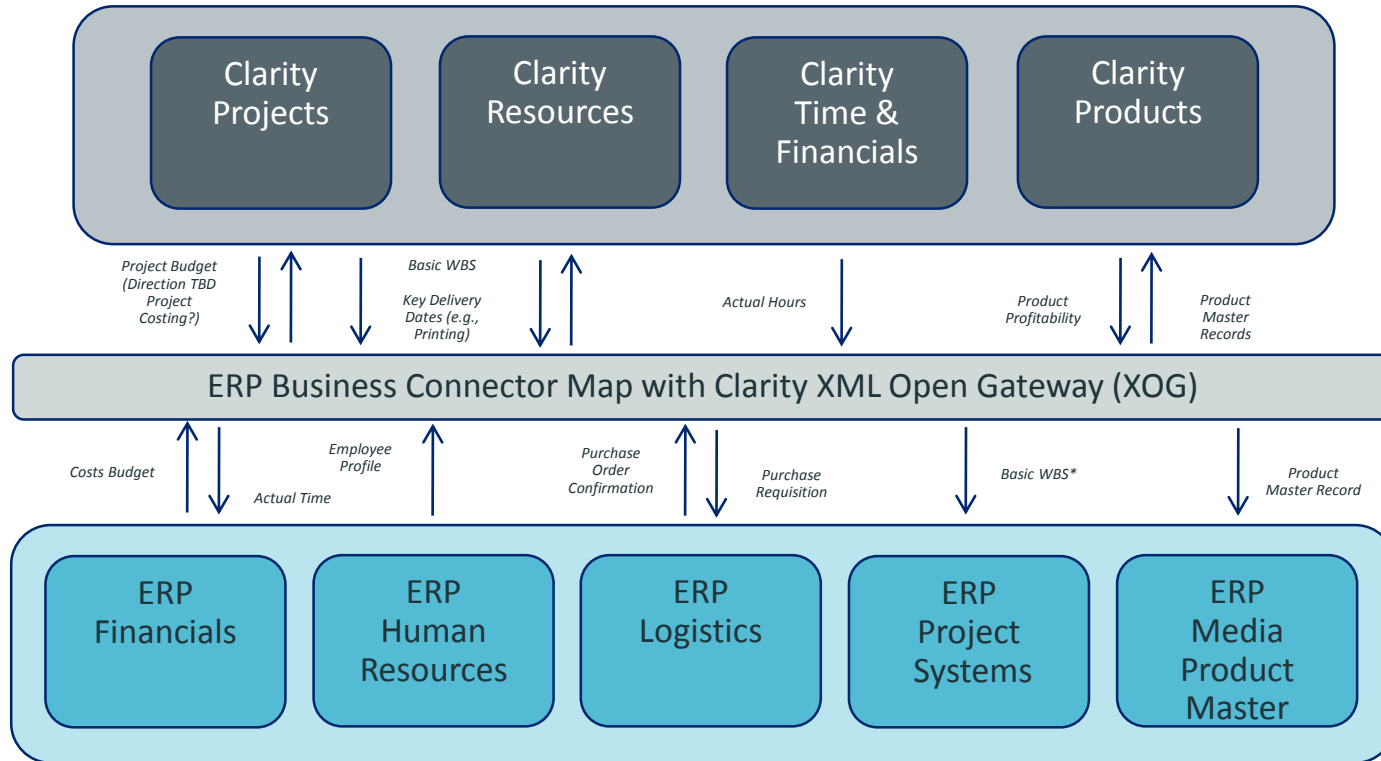
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Clarity Integration Overview

Out-of-the-box Integrations

- Remedy Help Desk (EOL)
- Microsoft Project
- Microsoft Powerpoint
- Microsoft Excel 2007
- Open Workbench
- CA Service Desk(EOL)
- CA Software Change Manager (EOL)
- CA UAPM (EOL)
- SharePoint
- LDAP/SSO

Integration with ERP Systems

ERP Integration Architecture

Clarity Projects | Clarity Resources | Clarity Time & Financials | Clarity Products

Project Budget (Direction TBD Project Costing?) *Basic WBS* *Key Delivery Dates (e.g., Printing)* *Actual Hours* *Product Profitability* *Product Master Records*

ERP Business Connector Map with Clarity XML Open Gateway (XOG)

Costs Budget *Employee Profile* *Actual Time* *Purchase Order Confirmation* *Purchase Requisition* *Basic WBS** *Product Master Record*

ERP Financials | ERP Human Resources | ERP Logistics | ERP Project Systems | ERP Media Product Master

* To raise PO and Invoice against WBS, track Costs per WBS, other.

Integration Architecture
Current state

External System

APIs
Web services
File-based
Direct access
Etc.

Two basic approaches: external integration utility and internal process flow step

XOG service

Clarity

XML input & output via SOAP

Integration Utility (executes manually, on a schedule (e.g., Clarity job), after polling for change, …)

Vendor-Specific interface

Read-only SQL access

Integration via Gel script

User interface (internal change event triggers custom process)

- XML import/export for master objects; enforce data validity and stable release-to-release

- Secure web services: to invoke XML import/export and to execute Clarity Studio query

- Internal change events fired to built-in process flows with GEL script

- Direct database access to documented schema (read only)

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Clarity Customers with SAP Integration

- Novo Nordisk
- Telstra
- Dow Corning
- Optus
- Orlando Health
- Sony Ericsson
- Tate & Lyle
- WestLB AG
- World Bank
- Titan

- PWC
- Rabobank
- Philips Healthcare
- Bank of Scotland
- Warner Bros
- Barclays
- TietoTapiola
- MAN
- Giesecke Devrient
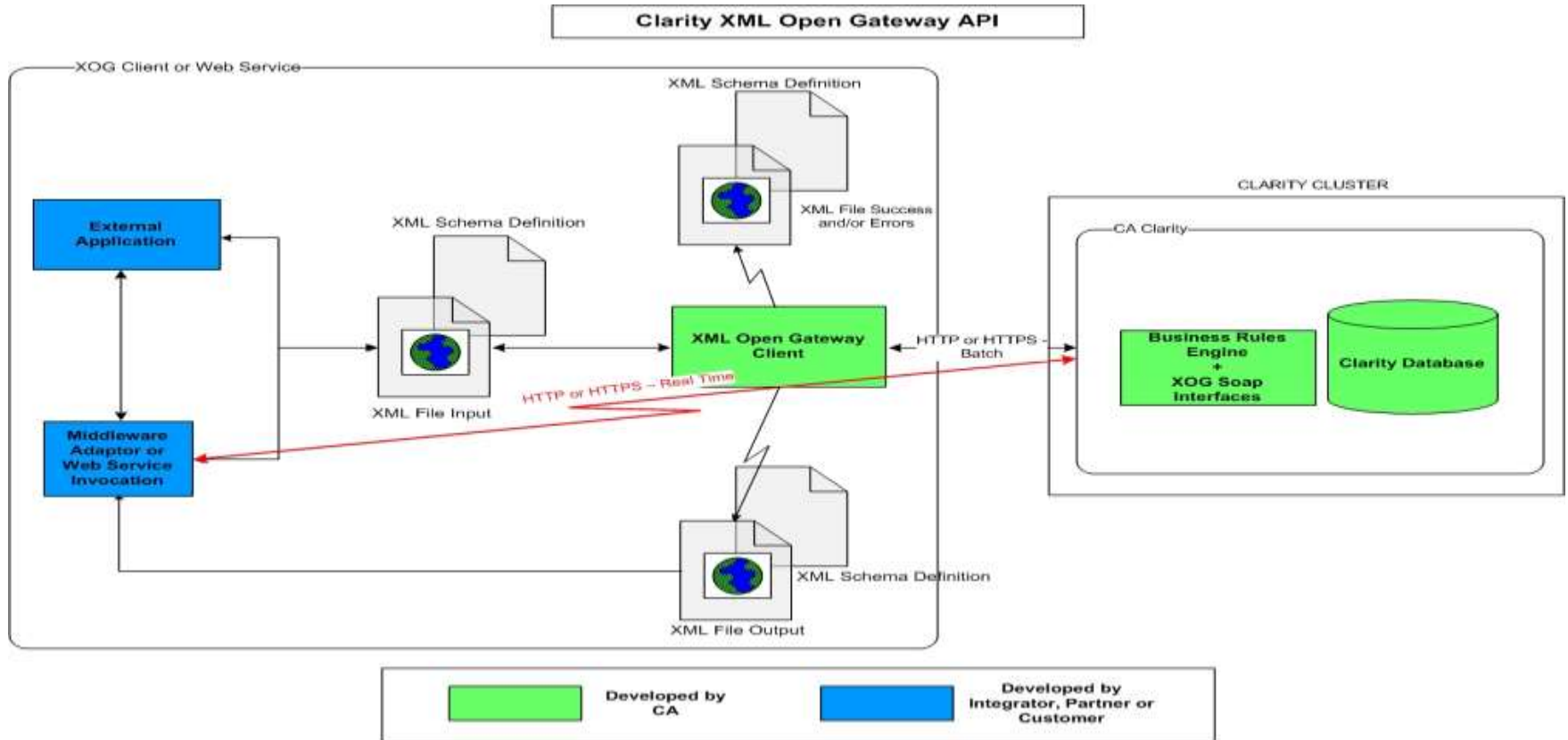- New South Wales Road and Traffic

XOG
XML Open Gateway

CA Clarity XML Open Gateway

- Clarity's XML Open Gateway offers a robust web-services based integration platform that exposes the Clarity data-structures (investments, resources, financials, etc, etc, etc...) as API's.

- These API's can be called to transfer data into or out of Clarity completely over the web via web-services or from a server or workstation.

- Because of this, it's unnecessary to have intimate details of the data model, constraints, dependencies, etc. We let the API do the work.

- Our integration platform utilizes our application tier - this means you will get the exact same behavior whether using the UI or our XML Open Gateway. All validations, constraints (business logic) are enforced the same way regardless.
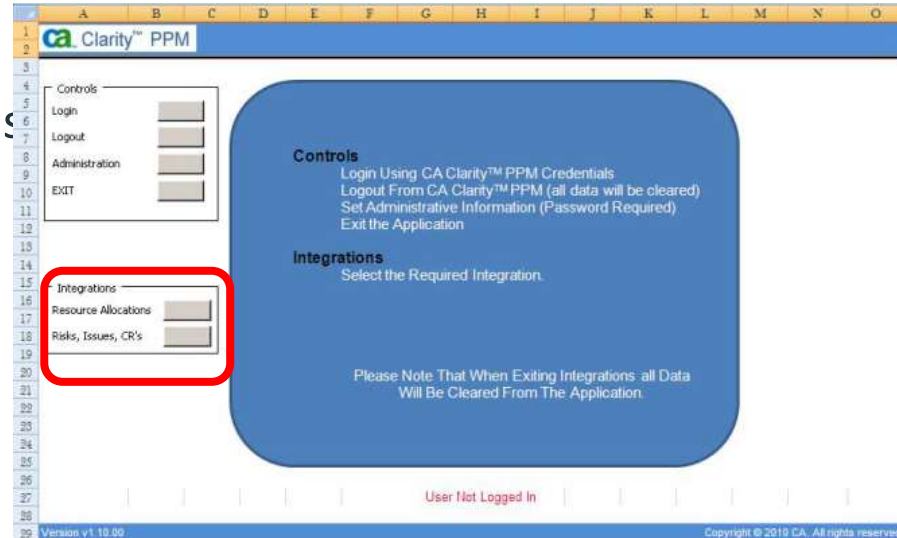
XML Open Gateway - Diagram

Clarity XML Open Gateway API

XOG Client or Web Service

External Application

XML Schema Definition

XML Schema Definition
XML File Success and/or Errors

XML Schema Definition
XML File Input

XML Open Gateway Client

HTTP or HTTPS – Real Time

HTTP or HTTPS – Batch

CLARITY CLUSTER

CA Clarity

Business Rules Engine + XOG Soap Interfaces

Clarity Database

Middleware Adaptor or Web Service Invocation

XML Schema Definition
XML File Output

Developed by CA

Developed by Integrator, Partner or Customer

Excel Integration and GD Integrations

CA Clarity Excel Integrations for Resouce Allocations and Risk, Issues, Change Requests

Provided by CA Global Delivery

- Based on GD Excel Framework

- Will show Excel Worksheets, but only those you need for your purpose

- Has Admin Part to define connections, servers, etc

- Two main target areas for use
  - Resouce Allocations
  - Risk, Issues, Change Requests

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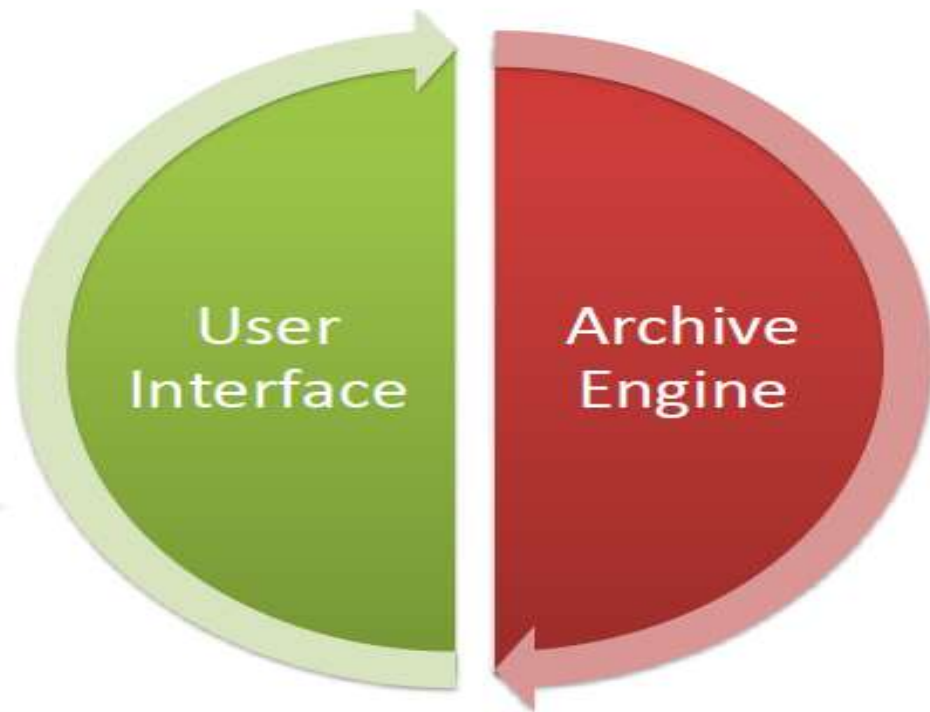
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What is Archiving?

"Data archiving is the process of moving data that is no longer actively used to a separate data storage device for long-term retention." (techtarget.com)

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Why do we need to archive data?

- Improve Application Performance

- Reduce Storage Costs
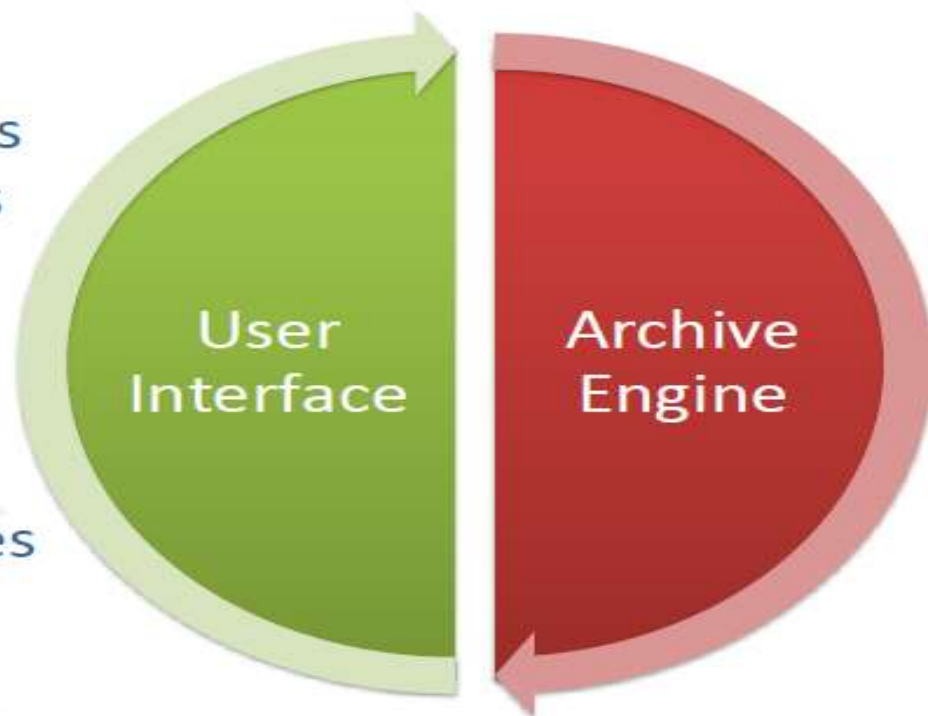
- Corporate Data Retention & Regulatory Compliance
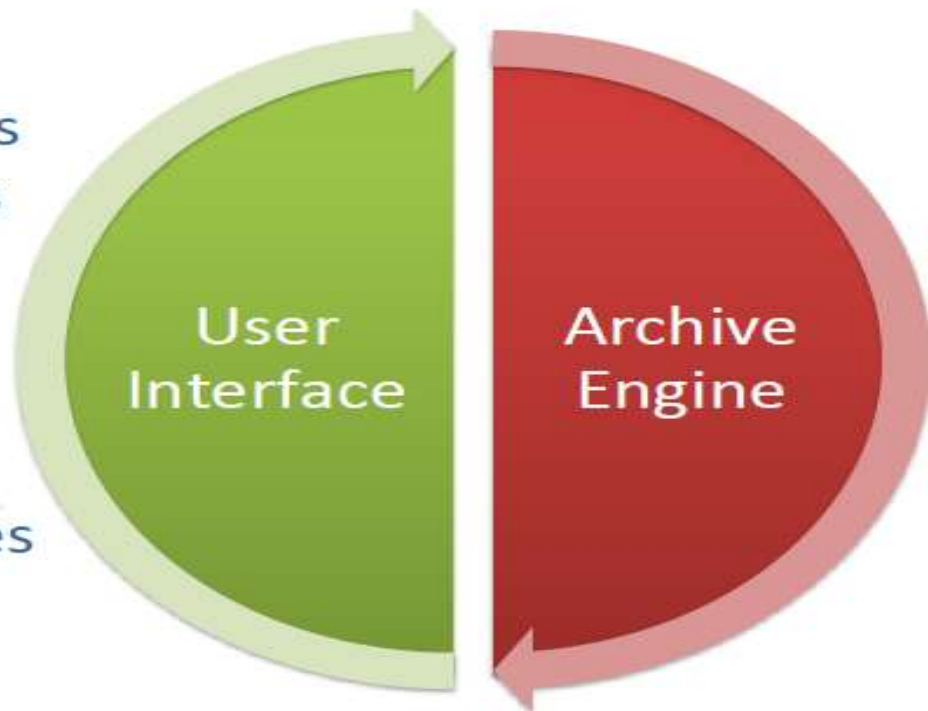
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How do Archive solutions work?

Main components

Main components

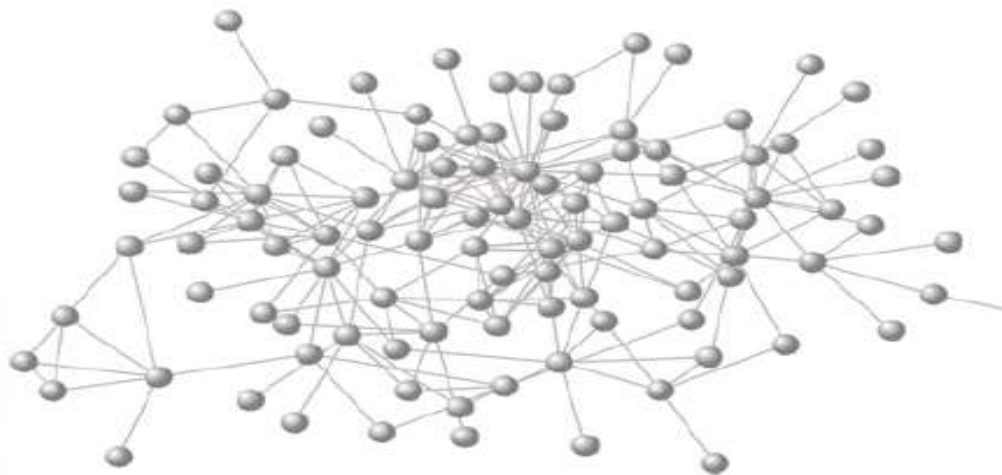Where the user defines what needs to be archived and the various archive rules

User Interface

Archive Engine

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Main components

Where the user defines what needs to be archived and the various archive rules

User Interface
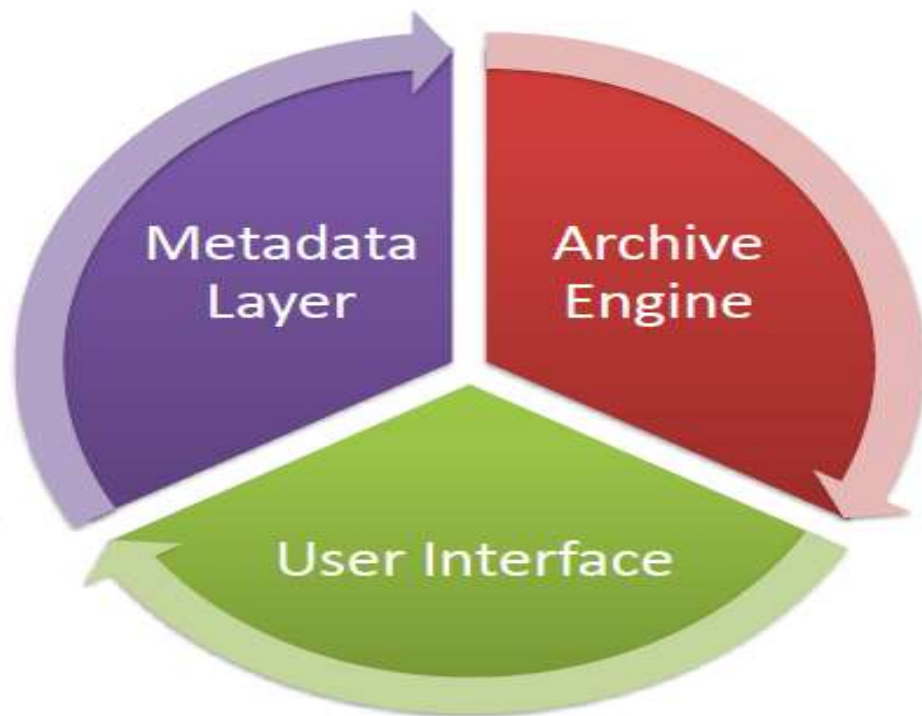
Archive Engine

Responsible for moving the data from the primary data source into an archive

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Why can't we use a cots Archive Solution?
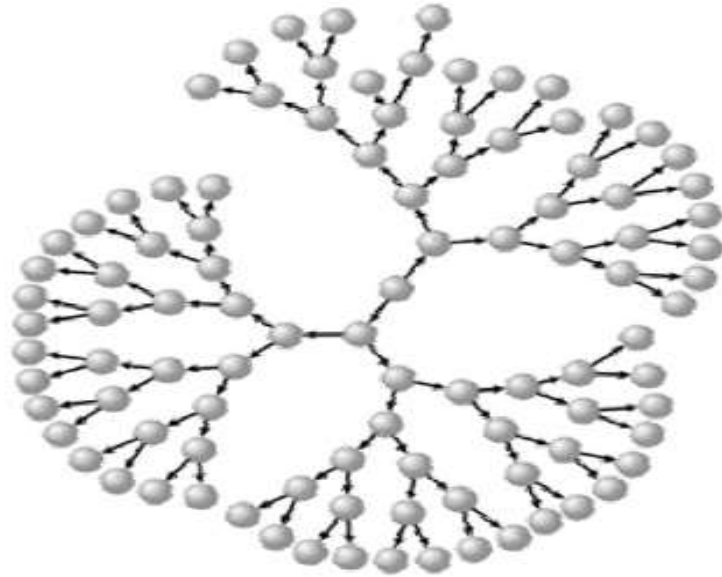
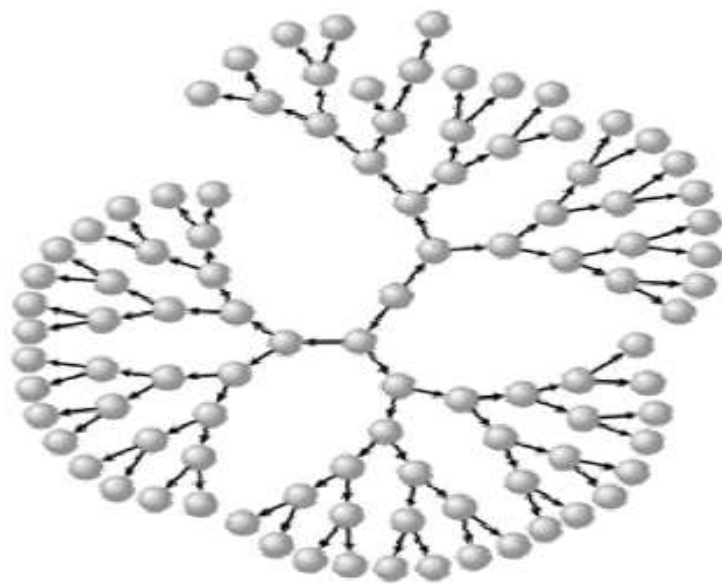- The CA PPM Database Structure

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Our Solution

What is the Metadata Layer?

It holds all of the table relationships for the entire CA PPM database

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What can we do with the Metadata Layer?

We can now give the engine all the information it needs to be able to archive and delete data from CA PPM

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So what can the Archive Solution do?

- Can it archive and delete Projects?

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So what can the Archive Solution do?

- Can it archive and delete Projects?

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So what can the Archive Solution do?

- Can it archive and delete Any investment object?

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So what can the Archive Solution do?

- Can it archive and delete Any investment object?

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So what can the Archive Solution do?

- Can it archive and delete all of the investment's sub-objects?

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So what can the Archive Solution do?

- Can it archive and delete all of the investments sub-objects if they are custom objects?

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So what can the Archive Solution do?

- Can it archive and delete all of the investments sub-objects if they are custom objects?

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So what can the Archive Solution do?

- Can it archive and delete time periods?

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So what can the Archive Solution do?

- Can it archive and delete time periods?

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So what can the Archive Solution do?

- Can it archive and delete resources?

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So what can the Archive Solution do?

- Can it archive and delete resources?

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So what can the Archive Solution do?

- Can it archive master custom objects with custom sub-objects and loads of custom fields?

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So what can the Archive Solution do?

- Can it archive master custom objects with custom sub-objects and loads of custom fields?

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What else can the Archive Solution do?

- We can restore archive data into a separate database so you can easily report on archived data

- Archive table structures are very similar to the CA PPM table structure so that you can re-use existing report queries

- We de-duplicate the archive to reduce file sizes

- Archive functionality is integrated into the CA PPM user interface so no need for lengthy training

- Archive inventory kept of all archived objects so you can easily find which archive holds which data
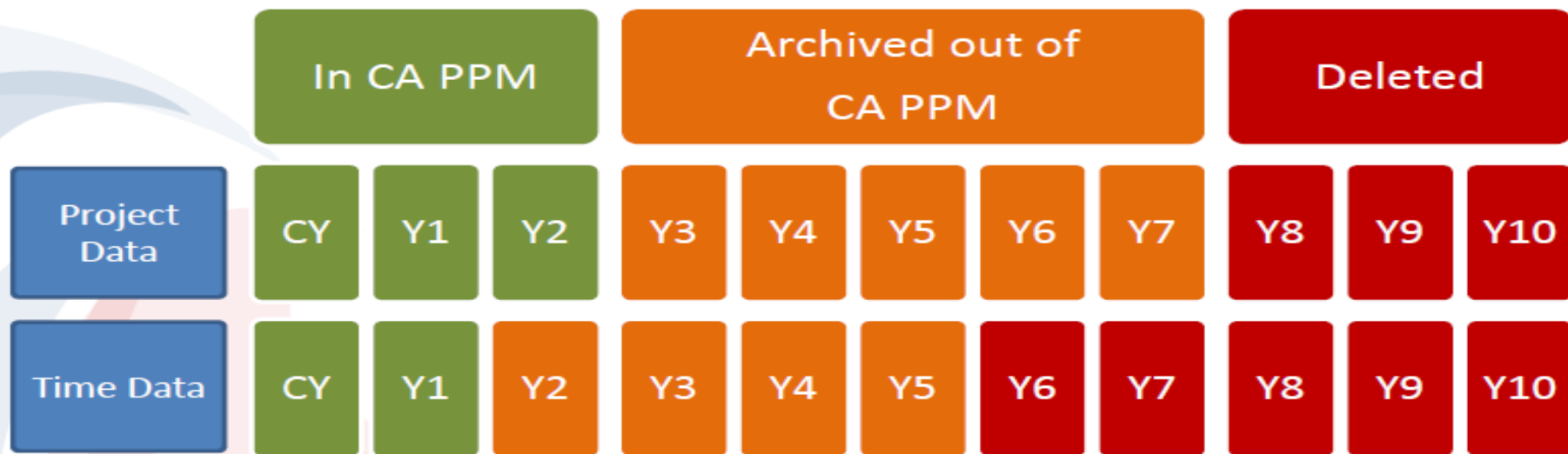
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So what CAN'T the Archive Solution do?

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So what CAN'T the Archive Solution do?

- We cannot automatically restore data from an archive back into CA PPM

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How do you see it being used?

- Usage will depend on organisational data retention policies

	In CA PPM			Archived out of CA PPM					Deleted		
Project Data	CY	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10
Time Data	CY	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10

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So why do we need Archiving again?

- Improve Application Performance
- Reduce Storage Costs
- Corporate Data Retention & Regulatory Compliance

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How does your solution help?

- Improve Application Performance
  - Controlled volumes of data are held in the production database
- Reduce Storage Costs
  - Data can be moved to cheaper storage solutions (cloud, tape, disk, etc…)
- Corporate Data Retention & Regulatory Compliance
  - Archives can easily be deleted and destroyed after regulatory and legal retention policies have been met

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Strategic Themes
CA PPM

OWN THE OUTCOMES
Easily catalog business objectives

OWN THE PLANNING
Manage money & resources

CAPTURE THE WORK
Integrate with everyday tools

VALUE DRIVERS

Comprehensive Ad Hoc Reporting
Immediate and Accessible

Adaptable to Any Process
'No Code' Configuration Shows Everywhere

Reflects Best Practices
Accelerators Represent Years of Experience

Govern Globally, Manage Locally
Segment Configuration for Different Org Units

Industry-Leading Financials
Auditable Transaction-Based Accounting

Uniquely Scalable
Helps manage the largest firms in the world

Technology and Product Architecture Goals
CA PPM

Technology Goals

- Support for most common platforms & technologies (e.g. Windows, Linux)
- Increased development velocity
- Continuously improving code & product quality
- Lower total cost of ownership

Product Architecture Goals

- Supportability
- Simpler deployment & upgrade
- Open RESTful APIs

Roadmap: *CA PPM*
Timeline as of *August 24, 2015*

	Delivered	Planned	Under Consideration
Product/ Releases	**CA PPM 14.2**	**CA PPM**	**CA PPM**
Marquee Features/ Business Value	▪ **Simpler access to management insights** through integrated Ad-hoc Reporting that allows end-users to easily create ad-hoc reports from within the Clarity UI ▪ **Optimized reporting performance and flexibility** via the Reporting Data Warehouse ▪ **Improved support for Enterprise Portfolios** with better handling of portfolios in terms of size and performance ▪ **Superior experience for MSP users** through support for project autonumbering and the introduction of a UI mapping screen in CA PPM. Currently GA	▪ **True anytime anywhere access to management insights** due to support for the Tibco JasperMobile app ▪ **Capture relevant team work information** via out-of-the-box integration to Rally and the introduction of RESTful APIs to facilitate other 3rd party integrations ▪ **Help your organization manage your ever-expanding footprint of apps** via the Application Portfolio Management (APM) Accelerator ▪ **Greater flexibility for PMOs and PPM administrators** through Studio Improvements, such as new charting and attribute types	▪ **Enhanced user experience** through Project Hopper-based, People First UX Improvements ▪ **Continued facilitation of work capture** through additional expansion of the Rally integration and greater extension of the API layer ▪ **Easier data capture from team members** via targeted timesheet enhancements based on feedback from the #1 idea on the Idea site ▪ **More choice in reaping management insights** by making the data warehouse available without VPN access

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Próxima reunión del grupo y temas de interés a tratar

Own the future

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