

## CA SERVICES:

Business Analytics for CA Clarity PPM

# Business Analytics for CA Clarity Project & Portfolio Management

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## What it does

Business Analytics for CA Clarity™ Project & Portfolio Management (PPM) is a robust business intelligence and data analytics solution built on CA Clarity PPM. It extends the power for analyzing and reporting of CA Clarity PPM data from traditional reports and portlets by enabling Online Analytical Processing (OLAP) reporting against CA Clarity PPM data using data cubes.

Business Analytics for CA Clarity PPM addresses the need of analysts and executives for timely visibility into detailed business data. With this solution, users can easily analyze data, discover and depict trends, and assess patterns and relationships in ways not readily available to those relying on static data or traditional reports.

The solution includes an installation package, documentation, and remote services to help install, configure, test and verify. Customers will also receive knowledge transfer for their staff.

## Benefits that deliver value

Business Analytics for CA Clarity PPM:

- Helps organizations obtain greater value from CA Clarity PPM data by delivering analysis and reports for multiple audiences (executives, managers, transactional users)
- Delivers clear, precise and quick results from complex, multi-dimensional analytical queries using OLAP
- Supports trending analysis and reporting on historical data

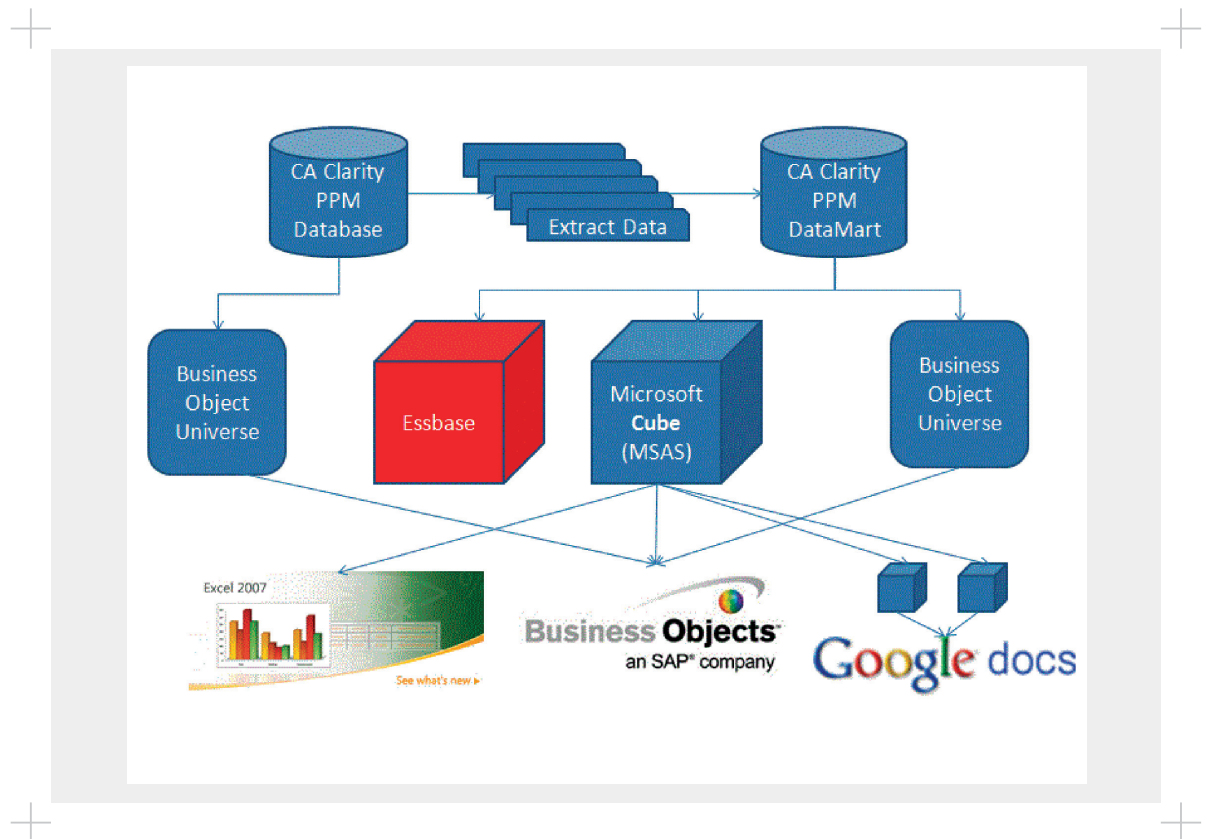
## How it works

The solution includes the following technologies:

- **Data Extraction** – Pulls transactional data from CA Clarity PPM and populates the data warehouse
- **Analytics Processing** – Processes the data from the data warehouse and creates a Microsoft Analysis Service Cube
- **Data warehouse** – A star schema data warehouse that enables fast, multi-dimensional relationships
- **Microsoft Analysis Service Cube** – Built from the data warehouse, provides the slice and dice capabilities for complex queries and multi-dimensional reporting
- **Reporting** – Integration supports reporting via third-party technologies including:
  - SAP BusinessObjects Voyager
  - SAP BusinessObjects Xcelcius
  - Microsoft Excel 2007 or above
  - Google Analytics
  - Panorama NovaView and others

The following is an architecture diagram that illustrates the logical three-tier design being used by the component.

Figure 1  
Data analytics architecture



## Technical prerequisites

- OS Support: Linux, UNIX, AIX, Microsoft Windows
- Source Database Support: Microsoft SQL Server 2005 or above, Oracle Server 10.2 or above
- Cube Technology: Microsoft SQL Server 2008 Analysis Service Analysis Services
- Java JDK 1.4.2 or above
- CA Clarity PPM version 8.1fp03 or higher
- Language: English

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