

Data Extraction for CA Clarity™ Project and Portfolio Management

agility
made possible™



What it does

Data Extraction for CA Clarity™ Project & Portfolio Manager (CA Clarity PPM) allows CA Clarity PPM users in on-premise and on-demand environments to define, schedule or run (ad hoc) data extraction jobs directly from the CA Clarity PPM user interface.

Jobs can be configured to query specific data and capture results in a wide range of industry standard file formats. Jobs can also be configured to append or over-write data in existing files or, to generate new extract files with unique timestamps.

Data extracts can be integrated with other 3rd-party systems including Microsoft SharePoint, Oracle and SAP and others. Files can also be retained within CA Clarity PPM folders for convenient access and viewing.

This solution from CA Services:

- **Enforces security defined within the CA Clarity PPM security model:** Users are able to access and view only fields and records to which they have access rights; Supports Secure File Transfer Protocol
- **Utilizes the CA Clarity PPM background engine:** Multi-threaded processing speeds performance and scales to large datasets not achievable with “Export to Excel” approaches
- **Provides a graphical user interface within CA Clarity PPM:** Configuring and scheduling jobs is done through a familiar interface and requires no complex coding or maintenance.

The solution includes installation and user guides, and remote services to streamline deployment and configuration and accelerate solution adoption.

Benefits that deliver value

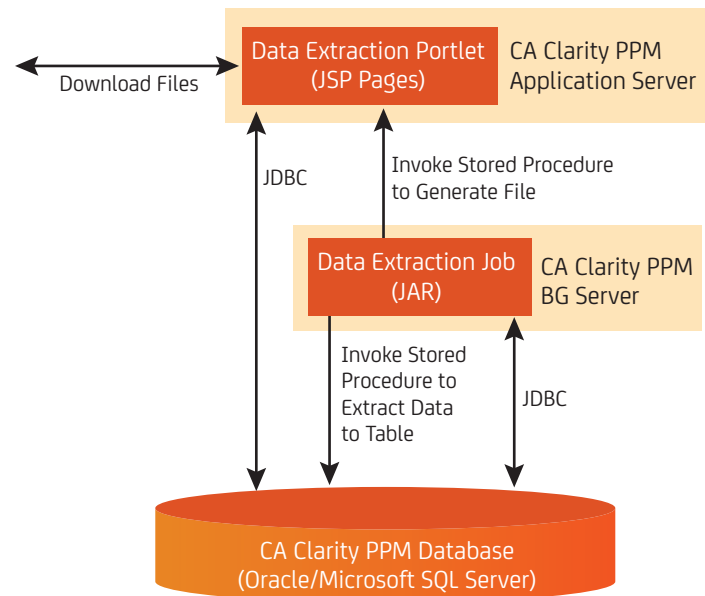
Data Extraction for CA Clarity PPM:

- Enables employee self-service data extraction for CA Clarity PPM for both on-demand and on-premise environments
- Reduces manual effort and risk of error
 - Changes to CA Clarity PPM (e.g., after an upgrade) are reflected in data extract jobs without additional custom coding and maintenance
 - Data extraction jobs can be precisely defined and scheduled to run at defined intervals
 - Multiple extracts with different configurations can be run within a single job
- Improves performance and reduces re-work especially when executing jobs involving large data sets or which produce large data extracts (Microsoft Office Excel row and column limitations)
 - A single data extract job can execute against multiple objects concurrently, aggregating results.

How it works

From within the CA Clarity PPM user interface, users with appropriate access rights can configure data extraction jobs written in standard ANSI SQL. Jobs can be run ad hoc or scheduled from the Reports and Jobs menus. Generated results can then stored in numerous industry standard formats or in CA Clarity PPM data structures.

- **Configuration object:** Provides access for specifying parameters such as delimiter type, output file path, SQL changes and field names; displays record counts
- **Configuration sub-object:** Allows users to view standard field names and modify them for specific data extract output files
- **JAVA-based extraction engine:** Utilizes stored procedures to execute SQL for querying CA Clarity PPM and generating extraction files
- **CA Clarity PPM reports and jobs menus:** Administers extraction job schedules, execution steps and access to job configurations
- **Data extraction portlet:** Allows users to view extraction files lists and download and delete extraction files
- **Output file formats:** .xls, .xml, Microsoft SQL Server, Microsoft SharePoint, Oracle, SAP and CA Clarity PPM
- **Delimiters:** comma, csv, custom, tab



Technical prerequisites

- CA Clarity PPM r8 and above
- Database support: Oracle Server, Microsoft SQL Server (All versions supported by CA Clarity PPM)
- Language support: All languages supported by CA Clarity PPM