

PS Project System

SAP ERP Central Component
Release 6.0

Release Notes



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19 PS Project System

19.1

Obsolete

19.2 Project Self-Service Role (New)

Use

As of *SAP ECC Enterprise Extension PLM 6.0 (EA_APPL 600)* and *cProjects 4.00*, the role *Project Self-Service* is available. This supports both the project lead and the project member in day-to-day project work. This role is delivered as a business package for *SAP Enterprise Portal*.

This role provides the occasional user of cProjects with the most frequently executed cProjects processes as self-services. A work overview offers the user a central access point. From here, the user can execute the self-services directly and create various reports.

Work overview

The personalizable work overview contains both project information and a project-specific worklist for projects in which the user is currently involved or has been involved.

- In several **selection lists**, which can be accessed via a link, the project information and tasks are sorted in a structured form.
 - Various project information and key figures (such as budget, planned costs, and actual costs) provide a quick overview of the progress of the different projects.
 - The worklist that is to be completed during the planning and execution of projects is sorted into various selection lists, such as: *My Projects*, *My Tasks*, *My Checklist Items*, and *My Issues*.
- In the **work area** (table display), the data for the selected list is displayed and you can call several self-services from here.

Self-services

The role provides the project leads and project members with various self-services for processing project data. These self-services are divided into five groups, according to how they can be used.

- **Edit project objects**
These services enable you to process the structural elements of a project.
 - *Create project*
You can use a template to create a new project.
 - *Edit task*
You can display and edit tasks. If you create a new task, it is assigned to the project definition.
 - *Edit open issues*

If unforeseen events or questions occur during the course of the project, which may require additional activities, you can collect them in an issue list and process them.

- **Communication**

- *Create e-mail*

You can inform project participants and any other interested parties of project business, reference project data, and send assigned documents as attachments.

- **Resources**

These self-services enable you to assign employees to specific projects or tasks, thus maximizing efficiency. In addition, various Supplier Relationship Management (SRM) services are available for purchasing goods and services.

- *Assign person to project*

By assigning roles to a project, you can adjust the selection of assigned persons to suit the current project situation. In this process, you can edit and delete persons from the staffing of a project, as well as create new staffings. If required, you can also create new roles, or change or delete roles.

- *Assign person to task*

In this self-service, you can edit and delete the assignment of persons to tasks, and create new assignments.

- *Purchasing*

You can select and order goods and services.

- *Confirm goods and services*

You can confirm that goods have been delivered and enter services performed.

- *Enter invoice/credit memo*

You can create, display, and edit invoices and credit memos.

- **Confirmation**

These self-services enable the responsible project participant to confirm a task and a checklist item.

- *Confirm task*

You confirm the actual work, the percentage complete, and the remaining work for a task, and you can complete the task here. If you use CATS, the actual work is confirmed directly via CATS and is only displayed in the self-service.

- *Confirm checklist item*

You confirm the status and the result for a checklist item.

- **Other services**

- *Search*

You can search for projects or structural elements of a project (for example, tasks). You see a hit list from which you can add one or more objects to your favorites, or for which you can display details.

Reports

Reporting for projects is supported by reports from the following applications:

- cProjects (for example, tasks and task assignment)
- SAP BW and ECC

You can include additional reports for the following reporting objects:

- cProjects project definition
- PS project definition
- Work breakdown structure (WBS) element
- Internal order (CO)

Effects on Existing Data

By using this role, the project participants gain access to the relevant data. This data comes from the back-end ERP system (for example, projects, tasks, checklists, and issues).

Effects on System Administration

Before you can use the *Project Self-Service* role, the following systems are also required:

- cProjects 4.00
 - The RFC destination used for the cProjects system is the setting in Customizing for the *Project Self-Services* role.
 - The system that cProjects uses for integrated accounting must be the same as the ERP system that the role uses as a back-end system.
- SAP Enterprise Portal (SAP NetWeaver 2004S)
- SAP BW (SAP NetWeaver 2004S)
- Activation of SAP ECC Enterprise Extension PLM 6.0 (EA-PLM 600) and SAP ECC Enterprise Extension Financials (EA-FIN 600)

Your system administrator can predefine default settings for worklists. The user can also define additional selection criteria.

Effects on Customizing

In the **ERP system**, the following new section in the Implementation Guide (IMG) is available for the *Project Self-Service* role: *Integration with Other SAP Components -> Business Packages / Functional Packages -> Project Self-Service*.

In addition, you must perform the following activities in the section *Cross-Application Components -> General Application Functions -> Generic Functions of mySAP Suite -> Personalization*

- Personalization Data: Collective Processing
For this role, select personalization dialog DIA_PSS_SNI_PD (projects).
- Personalization Data: Individual Processing
For this role, select personalization dialog DIA_PSS_SNI_PD (projects).

In the **cProjects system** you must perform the activities in the following section: *Cross-Application Components -> General Application Functions -> Generic Functions of mySAP Suite -> Personal Object Worklist*.

See also

For more information, see SAP Library, *Business Package for Project Self-Service*.

19.3 Changes to the IMG Structure for the Project System

Use

As of *SAP ECC Enterprise Extension PLM 6.0 (EA-PLM 600)*, the following new IMG activities have been added to the IMG structure for the Project System:

- *Project System -> Material -> Integration of Project System with iPPE -> Define Reference Points for the Integration of the Project System with iPPE*
- *Project System -> Confirmation -> Enhancements for Confirmation -> Develop Customer-Specific Confirmations for the Progress Analysis Workbench*

19.4 PS-ST Structures

19.4.1 Integration of iPPE with the Project System (New)

Use

As of *SAP ECC 6.0 PLM Extension (EA-PLM 600)*, you can transfer material components from the product structure of Integrated Product and Process Engineering (iPPE) to the Project System (PS). To do this, you assign production structure nodes and variants in iPPE to PS objects. You can:

- Assign iPPE nodes to project definitions, WBS elements, network activities, and reference points
- Assign iPPE variants to WBS elements, network activities, and reference points
- Use reference points to allocate material used for an iPPE node to a network activity
- Use reference points to create a relationship between an iPPE node and WBS elements and network activities

In the Project Builder, a new tab page in the detail screen for the network activity and the WBS element allows you to create and display assignments to iPPE nodes.

Effects on Customizing

In Customizing for the *Project System*, you can:

- Define reference points for the integration of PS and iPPE under *Material -> Integration of PS and iPPE -> Define Reference Points*
- Activate the tab pages in the Project System by setting an indicator in the network profile under *Structures -> Operative Structures -> Network -> Settings for Networks -> Maintain Network Profiles*, and in the project profile under *Structures -> Operative Structures -> WBS -> Create Project Profile*.

See also

For more information, see the release note *Connecting the Project System to the iPPE Workbench Professional (New)*.

19.5 PS-COS Costs

19.5.1 PS-COS-PLN Planned Costs

19.5.1.1 PS-COS-PLN-PLN Planning

19.5.1.1.1 Check of plan line items for cost element planning (new)

Use

As of *SAP ECC 6.0 (SAP_APPL 600)* you can check the data to be posted within the planning of costs and revenues (CO-OM) using your own checks. To do this you use the *BAdI: CO-OM Check plan line items (CO_OM_PLAN_ITEM_CHECK.)* of the enhancement spot *CO_OM_PLANNING*.

The BAdI is called up both in manual planning and when you use function group *KIPL* and the related BAPIs. For additional information, see *Documentation for the BAdIs*.

Within *Funds Management*, the following scenario serves as an example: The planning of investment revenues (general and specific returns, contributions and revenues from the sale of fixed assets) is carried out using the transaction *Planning Cost Elements/Activity Inputs Change: Initial Screen (CJR2)*. The revenues are planned as negative costs, meaning planned with a minus sign. Formerly you were not able to check whether you could actually plan using a minus sign for the relevant cost elements. You can now implement such a check using the BAdI.

19.5.1.2 PS-COS-PLN-CAL Costing

19.5.1.2.1 Easy Cost Planning (Enhanced)

Use

SAP ECC 6.00 (SAP_APPL 600) introduces the following new functions in Easy Cost Planning:

- **Aggregated Items**
Aggregated items summarize the values of items at lower levels. You can use the aggregated items in formulas.
- **Archiving**
You can now archive ad hoc cost estimates.

Effects on System Administration

To archive ad hoc cost estimates, start transaction SARA with the archiving object CO_ECP.

Effects on Customizing

To be able to use aggregated items, you need to have carried out the following IMG activities:

Define Formula Element

Define Pricing Key

See also

For more information on aggregated items, refer to the SAP Library, for example under *Project System (PS) -> Costs -> Cost Planning -> Easy Cost Planning and Execution Services -> Editing Costing Models and Assigning Attributes -> Defining Derivation Rules -> Aggregated Item*.

19.5.2 PS-COS-BUD Budget

19.5.2.1 Mass Release of Budget for Projects (New)

Use

As of *SAP ECC Enterprise Extension Financials 6.0 (EA-FIN 600)*, you can select a number of projects and then release them simultaneously.

You have the following options:

- You can adopt the budget or plan values in these releases, either with their full amounts or by using a release percentage to weight the values.

- You can limit the adoption of the values to one fiscal year.

Effects on Existing Data

Mass release of budgets can cause releases to be inconsistent in the following cases:

- The plan values adopted were inconsistent.
- The use of a release percentage rate, or making currency translations, causes inconsistencies due to rounding.

When you enter releases manually, it is not possible to update the release when there are inconsistencies. However, this is allowed when you use the function for mass release of budget, so that you can at least execute the transaction once completely. However, you should still correct any inconsistencies later.

If you use availability control for releases, you have to update the values for the availability control after the mass release of budget for the given projects. To do so you use transaction *Reconstruct Availability Control for Projects* (CJBN).

See also

For more information, see the program documentation

19.6 PS-PRG Progress

19.6.1 Progress Analysis Workbench (New)

Use

As of *SAP ECC Enterprise Extension PLM 6.0 (EA-PLM 600)*, you can use the progress analysis workbench in the Project System (PS) to analyze the progress of your projects and input their percent complete. The progress analysis workbench provides you with a single point of entry for:

- Viewing project objects from multiple projects
- Updating the system and user status of project objects
- Updating confirmation details (actual start and finish dates) for activities and activity elements
- Updating other data related to project progress, for example, forecasted hours
- Importing/exporting data between the progress analysis workbench and Microsoft Excel

The progress analysis workbench consolidates the existing progress-analysis functions in the Project System:

- It simplifies earned-value management in the Project System by providing you with one interface for maintaining data instead of multiple interfaces, thereby giving you a better overview of project data and progress.

- It improves system performance and the accuracy of your data by simplifying the data update, allowing you to update multiple objects simultaneously.
- It enables you to perform a decentralized data update using the import/export function.

Effects on Customizing

You can use a Business Add-In (BAdI) to change the confirmation parameters for activities and activity elements. For more information, see Customizing for the *Project System* under *Confirmation -> Enhancements for Confirmation -> Develop Customer-Specific Confirmations for the Progress Analysis Workbench*.

See also

For more information about the progress analysis workbench, see the SAP Library under *SAP ERP Central Component -> Logistics -> Project System -> Project Progress*.

19.7 PS-IS Information System

19.7.1 Project Structure Overview (New)

Use

As of *SAP ECC 6.0, PLM Extension (EA-PLM 600)*, you can use the new project structure overview (transaction CN41N) in the project information system. It is a scaled-down version of the existing structure overview (transaction CN41). If you do not require the full functional scope of the existing structure overview (CN41), the new project structure overview (CN41N) is a user-friendly alternative that provides you with the most important functions for viewing your project information. You can also navigate to detail screens for the project objects, where you can edit the master data.

As with the existing structure overview (CN41), the system retrieves the data from the PS logical database according to your selection criteria. On the selection screen, you can choose the PS info profile, the database profile, and the status selection profile. You can use all of the existing features of the database profile, such as filtering based on selection criteria. On the selection screen, you cannot reuse selection variants from the existing structure overview (CN41). However, you can create standard selection screen variants that are specific to the new project structure overview (CN41N). When you execute the report, the system displays the results in the form of a hierarchy using the ALV tree.

Effects on Customizing

In Customizing for the *Project System*, you have to carry out the following activities:

- Under *Information System -> Selection*:
 - *Define Database Selection Profiles*
 - *Define Project View for Information System*
 - *Define Selection Profiles for Information System*
- Under *Information System -> Technical Project Reports* :
 - *Define Overall Profiles for Information System*
 - *Define Profiles for Calling Overviews* - The new project structure overview (CN41N) only takes into account the data in the subscreens *Filter criteria* and *Objects to be shown*.

See also

For more information about the project structure overview, see the SAP Library under *SAP ERP Central Component -> Logistics -> Project System -> Project Information System -> Technical Project Reports -> Overviews in the Information System*.