SAP Enhancement Package 3 for SAP ERP 6.0
New Functions and Enhancements of SAP Project System
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The following Project System functions have been enhanced in EhP3:

- Project Builder and Project Planning Board
- Easy Cost Planning
- Material components
- Statistical Key Figures
- Progress Analysis Workbench
- Forecast Workbench
- ProMan
- Progress Tracking
- Access Control Lists
- Grouping indicators and collective purchase requisitions
- Multi-Language texts
- Object selection using status combination codes
- Miscellaneous
Additional functions in the Project Builder as of Enhancement Package 3:

- Display of archived projects
- Intermediate save of project changes
- User specific setting for the number of last processed projects to be displayed in the Project Builder worklist (max. 20)

Additional functions in the Project Planning Board as of Enhancement Package 3:

- User specific saving options for zoom and width of table area
As of Enhancement Package 3 Easy Cost Planning (ECP) can be used for network activities and activity elements, too.

ECP for activities/elements can be accessed via the Project Builder or transaction CJ9ECP specifying a WBS element or a project definition.

ECP for activities has to be activated in Project System customizing:

*Project System → Costs → Planned Costs*
  → *Easy Cost Planning and Execution Services → Easy Cost Planning*
  → *Activate Planning for Network Activities with Easy Cost Planning*
Material Components

New functions available for material components as of Enhancement Package 3:

- A new item type C is available for material components assigned using the Open Catalog Interface (OCI). Material components using item type C cannot be copied.

- You can assign a delivery address to material components without using the procurement type *third-party requisition*. Therefore you can use the *Address* icon in tabular component overview.

- Using the BAdI BADI_MAT_CUST_SCR customers now can define customer specific fields for material components and display them on a separate tab in the detail view of components.

- Customers now can define a field selection for material components and thus control which fields should be displayed in the detail and tabular views of material components. You can define the field selection using the following IMG menu path:

  *Project System → Material → Procurement → Define Field Selection for Components*
As of Enhancement Package 3 the following additional functions for statistical key figure planning will be available:

- Statistical key figures (SKF) can be planned directly in project maintenance transactions such as Project Builder. Therefore customers can activate in the IMG an additional tab for SKF planning for the following object types:
  - WBS elements
  - networks (for header account assigned networks)
  - activities (for activity account assigned networks)
  - activity elements (for activity account assigned networks)

The activation can be done using the following IMG menu path:

*Project System → Tab Page: Activate Statistical Key Figures*

- Using the new transaction CNSKFDEF you can define default SKFs for individual projects or for example projects using certain project profiles.
- You can also derive the planned work for an activity automatically based on a SKF value, that has been planned using the new tab. Therefore you enter a SKF rate, which will be used to calculate the planned work based on the SKF value.
As of Enhancement Package 3 the following additional functions will be available in the Progress Analysis Workbench (CNPAWB):

- In the entry screen users now can decide on the two display modes *Display Grid* (tabular display selected objects) and *Display Tree* (the objects will be displayed in a structure tree, only the data of the object selected in the tree can be maintained).
- Users can easily switch between the *Standard Layout* and a new *Confirmation Layout* in the Progress Analysis Workbench. The *Confirmation Layout* is optimized for data entry.
- POCs of milestones will be displayed now in a separate column.
- Status changes can be saved intermediately without leaving the workbench.
- When exporting data to Microsoft Excel, the PS object types now can easily be identified in the Excel file.
- A log is created for data that could not be updated when uploading it from Microsoft Excel.
As of Enhancement Package 3 Customers can benefit from the new Forecast Workbench (CNFOWB) transaction in Project System. The following functions are available in the Forecast Workbench:

- Display of planned, actual, and forecast values and costs for individual projects or project parts
- Manual entry of forecast values and costs
- Calculation of forecast values (execution of transaction CJ9L)
- Baselining of actuals
The following enhancements of the ProMan are available with Enhancement Package 3:

- Display of Progress Tracking data for individual material components on a new tab
- You can use the BAdI BADI_CNMM_CUST_ENH_SCR to display customer specific fields on a separate tab in ProMan
- Similar to the Project Builder you can use drag&drop to change the assignment of material components
Progress Tracking

As of Enhancement Package 3 Progress Tracking can also be used for network activities and WBS elements.

Therefore two new transactions are available in the Project System menu:
- WBSXPD – Progress Tracking for Work Breakdown Structures
- NTWXPD – Progress Tracking for Networks

For each transaction a separate customizing exists:

*Project System → Progress → Progress Tracking → Settings for Work Breakdown Structures*

and

*Project System → Progress → Progress Tracking → Settings for Networks*
Access Control List

As of Enhancement Package 3 you can directly assign authorizations with regard to
- Project definitions
- WBS elements
- Network header
- Activities and activity elements
using an Access Control List (ACL) concept.

The project profiles respectively the network profiles control the usage of ACLs within projects and networks. If you have activated the ACL function a new tab for the ACL is displayed for each object.

You can grant authorizations for reading, writing, or administrating. If allowed by the customizing settings you can also inherit authorizations to lower level objects.

You can grant authorizations to individual users, user groups, or organizational units.

Using the new transaction CNACLD you can analyze all existing ACLs within a project and delete all ACLs if required.
As of Enhancement Package 3 you can define Grouping Indicators for projects at the project definition level using a new tab. You can assign these Grouping Indicators afterwards to external processing or service activities and activity elements as well as to material components to be purchased. If later on purchase requisition items will be created for these objects all items with regard to the same Grouping Indicator will be combined in a collective purchase requisition.

Using this function you therefore can create collective purchase requisitions across networks within a project based on your own grouping criteria.
Multi-Language Text Support

As of Enhancement Package 3 customers can activate the support of multilanguage texts for the following PS objects:

- Project definition
- WBS elements
- Activities and activity elements
- Milestones

You can activate this function using the following IMG menu path:

*Project System* → *Activate Multi-Language Support*

If you have activated the multi-language support a new tab will be provided in the detail screen of the objects for the multi-language text maintenance.
As of Enhancement Package 3 certain combinations of statuses can automatically be saved as code numbers in a new master data field of the project objects. If a user wants to select objects in reporting based on statuses he can use the new master data field as filter criteria. Hence the system does not necessarily have to read the status database tables for the object selection and therefore the system performance can be improved.

There will be 14 predefined code numbers for certain combinations of system statuses. Customers can define additional status combination codes for user statuses in the Project System customizing.
As of Enhancement Package 3 the following functions and enhancements will be available too:

- The field selection for network activities has been enhanced
- You can specify that MRP elements belong to the MRP areas that correspond to their storage locations
- New RFC function modules are available for reading and changing Easy Cost Planning, project progress and customer specific material component data
- New BAdIs:
  - BAdl: BADI.ACT_PRICE_CK
    - You can use this BAdls to consider customer specific rates in network costing.
  - BADI: BADI.WN_CO_VERS_CK
    - Using this BAdl you can specify the CO version for network costing.
  - BAdI: WBS_SETTLEMENT_RULE_NEW
    - Using this BAdl you can now use transactions CJB1/CJB2 to pass on settlement rules to lower level objects, that already do have settlement rules.

- Additional fields can be extracted to BW:
  - User Fields (0WBS_ELEM_USR_ATTR)
  - Statistical Key Figures (0CO.OM_NTW_4)
  - Multi-Language project text (0PROJECT_TEXT)
  - Easy Cost Planning data (0PS.WBS_ECP)
  - customer specific fields (0PROJECT.CUST_ATTR, 0WBS_ELEM.CUST_ATTR, 0NETWORK.CUST_ATTR, 0ACTIVITY.CUST_ATTR, 0ACTY_ELEM.CUST_ATTR)
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