Release Notes
Reporting Financials
SAP enhancement package 3 for SAP ERP 6.0



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Enterprise Asset Management

Business Function Enterprise Asset Management Part 3

LOG_EAM_CI_2: Enterprise Asset Management Part 3

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603)***, the business function LOG_EAM_CI_2 is available. This business function allows you to use enhancements for processes in plant maintenance.

For more information, see the following release notes:

- **BAPIs for Technical Objects (new and enhanced)**
- **Business Add-Ins for Lists in Plant Maintenance (new)**
- **Shift Reports and Shift Notes for Technical Objects (new)**
- **Enhancements for Work Clearance Management (new)**

See also

For more information, see ***Business Function Sets and Business Functions -> Enterprise Business Functions -> Logistics***.

LOG_EAM_CI_2: BAPIs for Technical Objects (new and enhanced)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603),*** business function ***Enterprise Asset Management (LOG_EAM_CI_2),*** the following BAPIs are available for functional locations:

- BAPI_FUNCLOC_INHERIT_CHANGE
  You can use this BAPI to change the data origin for certain fields of a functional location.
- BAPI_FUNCLOC_STRUC_ASSIGN, BAPI_FUNCLOC_STRUC_UNASSIGN, BAPI_FUNCLOC_STRUC_REPLACE
  You can use these BAPIs to install, dismantle, or exchange a functional location at a superior functional location.

The BAPI BAPI_EQUI_CHANGE has also been extended. You can use this BAPI to change the material/serial number of a piece of equipment.

LOG_EAM_CI_2: Business Add-Ins for Lists in Plant Maintenance (new)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603),*** business function ***Enterprise Asset Management (LOG_EAM_CI_2),*** the following new Business Add-Ins (BAdIs) are available:

You can use these BAdIs to process lists in plant maintenance (for example, for orders, notifications, equipment, or functional locations). You can display customer-specific fields in single-level lists, structure lists, and multilevel lists, so that you can extend customer-specific objects and object structures, and include specific functions in plant maintenance lists.

See also

For more information, see Customizing under ***Plant Maintenance and Customer Service -> System Enhancements and Data Transfer -> Business Add-Ins -> Enhancements to Lists***.

LOG_EAM_CI_2: Shift Reports and Shift Notes for Technical Objects (new)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603),*** business function ***Enterprise Asset Management (LOG_EAM_CI_2),*** the following two new objects are available. You can use these to enter and evaluate special events that occur within a shift for technical objects.

You can use the following new objects:

- Shift note
- Shift report

See also

For more information, see the SAP Help Portal at **help.sap.com**.

LOG_EAM_CI_2: Work Clearance Management (enhanced)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603),*** business function ***Enterprise Asset Management (LOG_EAM_CI_2),*** you can use the new function "mode-dependent tagging". This means that you can determine the untagging condition/type automatically from the overall condition of the technical system.

In addition, **Business Add-Ins (BAdIs)** are available.

Effects on Customizing

The BAdIs are under ***Plant Maintenance -> Work Clearance Management -> Business Add-Ins***.

Business Function Electronic Logbook Data Exchange

LOG_EAM_ELBK : Electronic Logbook Data Exchange

Use

As of *SAP ECC 6.0, Industry Extension Discrete Industries & Mill Products, Enhancement Package 3*, business function *Electronic Logbook Data Exchange (LOG_EAM_ELBK)*, Logbook has the following enhancements:

- The deferral screen for log notifications has been modified to incorporate the following two fields:
  - Deferral Type: Indicates whether the deferral is a MEL, CDL, or other
  - Deferral Document Reference: Contains the reference in the MEL, CDL or Other, for example, AMM 36-541, MEL 49-1032
- A new BAdI Log Entry Type Subscreen is provided for capturing information specific to log entry types by having different screen layout and implementations for each log entry type.
- The service enabled interface allows you to transfer data to the existing Logbook function in ERP. You can use the services of the business object *Asset Maintenance Log Entry* in the process component *Maintenance Processing*. The business object *Asset Maintenance Log Entry* comprises of the following service interfaces and operations:
  Manage Asset Maintenance Log Entry
  - Create Asset Maintenance Log Entry Basic Data
  - Change Asset Maintenance Log Entry Basic Data
  - Read Asset Maintenance Log Entry
  - Change Asset Maintenance Log Entry Measurement
  - Change Asset Maintenance Log Entry Maintenance Notification
  - Change Asset Maintenance Log Entry Maintenance Deferral

  Asset Maintenance Log Entry Action In
  - Complete Asset Maintenance Log Entry

  Query Asset Maintenancr Log Enty In
  - Find Asset Maintenance Log Entry by Installation Point and Individual Material

Effects on Existing Data

The deferral screen has been modified to incorporate the two new fields. However there is no change in the business process of deferral.

Transaction	Program/Form Routine/Screen Elements	UI Elements
LBK1		
	SAPLDIWPS_NOTIFICATIONS	
		DIWPS_DEFER_TYPE, DIWPS_DOCU_REF

Effects on Customizing

To use this function, you must activate the business function *Electronic Logbook Data*

Exchange (LOG_EAM_ELBK).

Deferral types are maintained in the Customizing under *Plant Maintenance and Customer Service -> Maintenance and Service Processing -> Maintenance Event Builder ->* **Maintain Deferral Type**.

Log Entry Type Subscreen is maintained in Customizing under *Plant Maintenance and Customer Service -> Maintenance and Service Processing -> Logbook -> Business Add-Ins ->* **Add-In: Log Entry Type Subscreen**

See also

For more information, see SAP Library under SAP for *Aerospace and Defense -> Maintenance, Repair, and Overhaul (MRO) -> Maintenance and Service Processing ->Logbook.*

Business Function Pool Asset Management

LOG_EAM_PAM: Pool Asset Management

Use

As of ***SAP ECC 6.0, Enhancement Package 3 (EA_APPL 603), business function EAM: Pool Asset Management (LOG_EAM_PAM)***, you can use the functions of ***Pool Asset Management*** to manage your pool assets such as pool vehicles or pool laptops.

You can use ***Pool Asset Management*** to:

- Schedule a request for a pool asset
- Reserve a pool asset
- Send a confirmation by e-mail to the requester of a pool asset
- Issue and return a pool asset
- Initiate settlement of the service
- Monitor repairs for a pool asset

You can use a graphical planning board (transaction code PAM03) to display requests and schedule assets.

You access the functions of ***Pool Asset Management*** from the ***SAP Easy Access Menu***. Choose ***Logistics*** - > ***Customer Service*** -> ***Service Processing*** -> ***Pool Asset Management*** with the following transactions:

- Graphical resource planning with planning board (transaction code PAM03)
- Create pool (transaction code PAM01)
- Edit pool (transaction code PAM02)

Effects on Existing Data

The system maps each request for a pool asset using a maintenance notification of type ***MF***. The assets are mapped using corresponding equipment master records.

Effects on Customizing

To use ***Pool Asset Management***, you have to activate the business function ***EAM: Pool Asset Management (LOG_EAM_PAM)***.

You define the Customizing settings for this function in Customizing for ***Pool Asset Management***. In the Implementation Guide (IMG), choose ***Maintenance and Customer Service*** -> ***Maintenance and Service Processing*** -> ***Pool Asset Management***.

See also

For more information, see the documentation for the business function ***EAM: Pool Asset Management***.

Business Function Takeover and Handover of Technical Objects

LOG_EAM_TOHO: Takeover and Handover of Technical Objects

Use

As of S*AP ECC 6.0,* Enterprise Extension PLM (EA-PLM 603), *Enhancement Package 3,* the business function *Takeover/Handover of Technical Objects* (LOG_EAM_TOHO) is available.

You can use the Web Dynpro ABAP application *Takeover/Handover of Technical Objects* to support you in setting up the data for a new, used, or repaired technical object in the ERP system. Takeover and handover are carried out on a single user interface. This is beneficial because:

- The user needs less time to set up the data
- Reduced probability of errors
- Easy hand-over between responsible roles
- Clear visibility of takeover progress/status at any time
- Electronic Data Transfer (EDT)

Handover

The technical object structure is represented in the ERP system by a hierarchy of functional locations, equipment and equipment BOMs (for non-serialized components).

When a technical object is 'handed over' to a business partner (for example, for repair) and a file including all the information about the technical object structure is created. This is sent together with the technical object to the business partner.

During handover, in addition to creating the file, the following actions can be performed according to your settings:

- Deactivate equipment in the background
- Deactivate functional locations in the background
- Deactivate maintenance plans for the technical objects in the background
- Deactivate the notifications for the technical objects in the background
- Lock the PM/CS orders for the technical objects

Takeover

Takeover of technical objects process supports you in setting up data for a new, used, or repaired technical object in the ERP system.

On the single interface are the following tab pages:

- Functional Location Structure
  Here, you can adapt or create the functional location structure in your system using information from the business partner structure file. You have the following methods for creating or adapting the functional location structure:
  - By loading an existing object and adapting the structure
  - By loading a template which you will use to create a new structure

- By copying the whole business partner structure

- Preparation & Generation
  Here, you can simultaneously process multiple technical objects and their master data within the technical object structure. You can create/update equipment and functional locations as well as update counter readings.

- Work Completion
  Here, for technical objects being returned, for example, from repair, the user can list existing outstanding notifications for the object and complete notifications that have been acted upon by the business partner.

- Create Maintenance Plans
  Here, maintenance plans can be created and listed for new and existing objects.

- Schedule Maintenance Plans
  Here, maintenance plans can be changed, scheduled, activated and deactivated.

Effects on Customizing

To use this function, you must activate the business function *Takeover/Handover of Technical Objects* (LOG_EAM_TOHO).

The Customizing for the takeover and handover of technical objects can be found under *Takeover/Handover of Technical Objects under Plant Maintenance and Customer Service -> Master Data in Plant Maintenance and Customer Service -> Technical Objects -> Takeover/Handover of Technical Objects. -> Takeover and Handover*.

The following IMG activities are available:

Under *Takeover*:

Define Takeover Profile

Define Properties for Customer-Specific Fields in Include CI_PHINT

Make Customer-Specific Settings for Additional Measuring Points

Under *Handover*:

Define Handover Profile

The following BAdIs are available under *Plant Maintenance and Customer Service -> Master Data in Plant Maintenance and Customer Service -> Technical Objects -> Takeover/Handover of Technical Objects. -> BAdIs for Takeover/Handover of Technical Objects*:

BAdI: Customer-Specific Functions for Takeover/Handover

BAdI: Data Preparation

BAdI: Customer-Specific Modifications to File Content

BAdI: Get Values for Customer Fields

BAdI: Define Customer-Specific Fields in Handover Profile

BAdI: Changing of Object Relationships

BAdI: Takeover Progress Status

BAdI: Determination of Copy Reference

See also

For more information, see SAP Library under *SAP Central Component -> Logisitics ->*

Plant Maintenance (PM) -> Equipment and Technical Objects (PM-EQM) -> Technical Objects (CS-BD/PM-EQM) -> Takeover/Handover of Technical Objects.

EH&S Compliance Management

Business Function Environmental Compliance Integration

OPS_EC_INTEGRATION: Environmental Compliance Integration

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environmental Compliance Integration (OPS_EC_INTEGRATION)***, the integration between functional locations and maintenance equipment, and assets from ***SAP Environmental Compliance*** has been improved. In ***SAP Environmental Compliance***, you can create all compliance data for an installation, map environmental approvals, and trigger follow-on actions, for example, when an authorization expires or an accident occurs.

If you activate the ***SAP Environmental Compliance*** integration in Maintenance, you can use the installation information from ***SAP Environmental Compliance*** as follows:

- You can search for functional locations and equipment using environmental compliance information.
- When you display and edit technical locations and equipment in Maintenance, you can display the most important data for the installation on a new tab page. This tab page is assigned to the functional location/equipment in ***SAP Environmental Compliance***. From these tab pages, you can call the installation directly in ***SAP Environmental Compliance***. This allows you to display and edit data for environmental compliance installations from Maintenance.

Business Function Environment, Health, and Safety

OPS_EHS_CI_1 : Environment, Health, and Safety

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603)***, changes were made to the ***Environment, Health and Safety*** component, which are described in the following release notes:

- **EH&S Expert (Changed)**
- **Open Content Connector OCC (Changed)**
- **Windows Wordprocessor Integration (WWI) (Changed)**
- **Standard Property Tree and Value Assignment Types (Enhanced)**
- **Dangerous Goods Processing (Changed)**
- **Hazardous Substance Management (Changed)**
- **Industrial Hygiene and Safety (Changed)**
- **Occupational Health (Changed)**
- **Specification Workbench (Changed)**
- **Inheritance (Changed)**
- **Substance Volume Tracking (Changed)**
- **Global Label Management (changed)**
- **Product Safety (Changed)**
- **Structure Changes in IMG for EH&S**
- **Waste Management (Changed)**

OPS_EHS_CI_1 : EH&S Expert (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, ***EH&S Expert*** performance during secondary data determination has been improved. This is achieved by no longer saving specification data locally on the EH&S Expert server, and by improving the processing algorithms.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Open Content Connector OCC (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, the ***Open Content Connector (OCC)*** supports the substance-group concept and allows you to simulate a data update.

- Supporting Substance Groups
  The content providers can group substances that have identical properties together into substance groups. Since the ***Open Content Connector*** supports this concept, the improved data structure improves both the performance and the amount of memory space that is required.
- Simulating the Data Update
  The update simulation contrasts the current dataset with the dataset after an update. This is displayed in a table view.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Windows Wordprocessor Integration (WWI) (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, you can display WWI reports without having to install WWI locally on the front end.

If you do not have WWI installed locally, WWI reports are generated on the WWI server and displayed using Microsoft Word.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Standard Property Tree and Value Assignment Types (Enhanced)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, the standard property tree STANDARD contains the following new value assignment types:

- SAP_EHS_1011_011 ***Other Hazards (GHS)***
- SAP_EHS_1012_022 ***Hazardous Ingredients (GHS)***
- SAP_EHS_1019_027 ***Aspiration Toxicity Hazard***
- SAP_EHS_1022_038 ***Text Pattern Profiles***
- SAP_EHS_1022_039 ***Radioactive Properties***
- SAP_EHS_1022_040 ***Activity Limits (Class 7)***
- SAP_EHS_1022_041 ***Limits of Radioactivity***
- SAP_EHS_1022_043 ***Exceptions to Dang. Goods Regulations***
- SAP_EHS_1022_044 ***Activity Limits of Radionuclide***
- SAP_EHS_1023_058 ***Hazardous Substance Rating (A/P)***
- SAP_EHS_1023_059 ***Labeling (A/P)***
- SAP_EHS_1023_060 ***Labeling Dependent on Concentr. (A/P)***
- SAP_EHS_1023_061 ***Classification and Labeling (CN)***
- SAP_EHS_1023_062 ***Classification and Labeling (KR)***
- SAP_EHS_1023_063 ***Drugs and Poisons Schedule (AU)***
- SAP_EHS_1023_064 ***Chemical Substances Control Law (JP)***
- SAP_EHS_1023_065 ***Fire Service Law (JP)***
- SAP_EHS_1023_066 ***Industrial Safety and Health Law (JP)***
- SAP_EHS_1023_067 ***Pois. and Delet. Subs. Control Law (JP)***
- SAP_EHS_1023_068 ***Pollutant Release and Transfer Reg. (JP)***
- SAP_EHS_1023_069 ***Dangerous Goods Safety Control Law (KR)***
- SAP_EHS_1023_070 ***Other Regulations (KR)***
- SAP_EHS_1023_071 ***Other Regulations (TW)***
- SAP_EHS_1023_072 ***Labeling Dependent on Concentr. (KR)***
- SAP_EHS_1023_073 ***VOC Paints and Varnishes (EU)***
- SAP_EHS_1023_074 ***Labeling of Special Preparations (GHS)***
- SAP_EHS_1023_075 ***M-Factor***
- SAP_EHS_1025_001 ***Full UN Packaging Code***
- SAP_EHS_1025_002 ***Permitted Dangerous Goods Regulations***
- SAP_EHS_1025_003 ***Packing Groups***
- SAP_EHS_1025_004 ***Inner Packagings***
- SAP_EHS_1025_005 ***Single/Outer Packaging***
- SAP_EHS_1026_001 ***Specific Quantity Limits (SVT)***

- SAP_EHS_1026_002 ***Produced Quantities***
- SAP_EHS_1026_003 ***Consumed Quantities***
- SAP_EHS_1026_004 ***Purchased Quantities***
- SAP_EHS_1026_005 ***Sold Quantities***

The following value assignments contain additional or modified characteristics:

- SAP_EHS_1011_001 ***Possible Hazards (Summary)***
- SAP_EHS_1019_011 ***Carcinogenicity***
- SAP_EHS_1019_013 ***Toxicity to Reproduction/Fertility***
- SAP_EHS_1019_015 ***Developmental Toxicity/Teratogenicity***
- SAP_EHS_1023_035 ***HMIS Rating (US)***
- SAP_EHS_1023_041 ***VOC***
- SAP_EHS_1023_043 ***GHS Classification***
- SAP_EHS_1023_044 ***GHS Labeling***

The following value assignment types have the value assignment category C (composition):

- SAP_EHS_1023_027 ***Hazard Information Reporting (RTK) (US)***
- SAP_EHS_1023_041 ***VOC***
- SAP_EHS_1023_043 ***GHS Classification***
- SAP_EHS_1023_044 ***GHS Labeling***

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Dangerous Goods Management (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, the following new functions are available in the ***Dangerous Goods*** component:

- **Packaging and Dynamic Classification**
  You can use dynamic dangerous goods classification to define the dangerous goods classification based on packaging. For shipping and shipment documents, the packaging-dependent data is processed, and not the data of the unpackaged material.

  During dynamic classification, packaging information and the associated classification data regarding dangerous goods regulations is modeled and used for dangerous goods checks and documents. The material specification assignment has been enhanced for the packaging-specific modeling of data.

- **Exceptions to Dangerous Goods Regulations**
  Exceptions to dangerous goods regulations allow you to override dangerous goods checks. They are dependent on regulations, have a limited validity, and can be restricted to one or more UN numbers. You can use the **Exceptions to Dangerous Goods Regulations** screen to process exceptions to dangerous goods regulations. You can assign exceptions to dangerous goods regulations to the specifications, dangerous goods master records, and handling units.
  The ***Exceptions to Dangerous Goods*** node has been added to the Dangerous Goods Management menu.

- Integrating Dangerous Goods Into Handling Units
  Dangerous goods integration in Handling Unit Management in the shipping document allows you to take into account the packaging-based constraints that apply to dangerous goods.

The following tab pages have been added to the dangerous goods master dialog box:

- ***Class 1***
- ***Class 7 (1)***
- ***Class 7 (2)***
  These three tab pages replace the current tab pages ***class 1 and 7***.
- ***Exceptions to Dangerous Goods Regulations***
- ***Dangerous Goods Text Pattern***
  You can use text pattern profiles and text patterns to control how dangerous goods information appears on documents, depending on the regulations.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Hazardous Substance Management (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)*** the following changes have been made to the <LS>Hazardous Substance Management component

- Flexible Hazardous Substance Check
  You can activate the flexible hazardous substance check if you are using the **Hazardous Substance Master**, which is available as of ***SAP ECC Enterprise Extension PLM 6.0 (EA-PLM 600)***
- The menu in the Hazardous Substance Management component has been enhanced with the following:
  Hazardous Substance Management -> Hazardous Substance Master -> **Edit Hazardous Substance Master**
  The screen is mainly used to display data that is distributed to or entered in the hazardous goods master. SAP recommends that you do not change the data here, in order to avoid inconsistencies.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Industrial Hygiene and Safety (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)*** the following changes have been made to the ***Industrial Hygiene and Safety*** component:

- On the ***Display Work Area*** and ***Display Risk Assessment*** screens, you can now change data that is being displayed by another user at the same time. The display mode for these transactions does not lock processing.
- The **Notification Plant** field allows you to read the maintenance notifications for a measure that are not assigned to the plant of the corresponding work area.
- The ***Value Assignment After Check*** field has been replaced by the **Rating After Check** field. You cannot edit the content of the ***Value Assignment After Check*** field.
- The field allows you to assign a **functional location** to an incident/accident log entry regardless of the assigned work area and plant. For existing entries in the incident/accident log that have a functional location assigned to them, the plant of the assigned work area is transferred.
- Documents can be checked into the DMS directly from the work area, incident/accident log, and risk assessment positions when you assign the documents.
- The following options have been added to the ***Industrial Hygiene and Safety*** menu:
  - Industrial Hygiene and Safety -> Reporting -> Risk Assessment **List Risk Assessment Information**
  - Industrial Hygiene and Safety -> Reporting -> Utilities **List Industrial Hygiene and Safety Measures**
  - Industrial Hygiene and Safety -> Reporting -> Incident/Accident Log **List Risk Assessment Information**
  - Industrial Hygiene and Safety -> Basic Data -> Questionnaires **Edit Questionnaires** **Edit Question Catalog**

  The associated evaluation reports provide lists with the relevant detailed information, allowing you to make specific evaluations and analyses:
  - EHSKR_EPM_RISK_ASSESSMENT (Risk Assessment)
  - EHSKR_EPM_ACTION_STATUS (Industrial Hygiene and Safety Measures)
  - EHSKR_EPM_IAL (Incident/Accident Log)
- Under the business object ***Incident/Accident Log***, relevant BAPIs have been developed for parts of the existing APIs. This means that the screens for creating, changing, deleting, and saving incident/accident log entries have the same interface functions as BAPIs.
  ALE distribution is supported for the ***Incident/Accident Log*** business object.
- Additional fields have been added to the selection screen and to the output of data for the *List Industrial Hygiene and Safety Measures* report (REHS_ACTION_STATUS_REPORT).

- When you assign a *Work Area* to a *Risk Assessment*, you can select the *Injury/Illness Log* and *Incident/Accident Log* using the status of the work area. In the case of work areas that have the status *Historical* the system issues a message.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Occupational Health (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)*** the following changes have been made in the ***Occupational Health*** components:

- The following options have been added to the <LS Field Label & Menu Options>Occupational Health menu:
  - Occupational Health -> Reporting -> Health Surveillance Protocols
    List Information About Health Surveillance Protocols
    This option starts report program EHSKR_EPM_ASSPERSPROT, which provides a list of detail data that enables detailed evaluations and analyses.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Specification Workbench (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, the usability of the ***Specification Workbench*** has been improved as follows:

- Search screen can be preset
  If desired, a preset search screen appears when you open the workbench.
- Value assignment type can be preset
  If desired, depending on the specification type, a preset value assignment type appears when you open specification data.
- Delete and copy functions in the table-based value assignment
- Automatically adjust the date in the table-based value assignment
  The date is automatically in the preset date format.
- During phrase selection, the sort sequence is not case-sensitive.
- Automatic refresh compared to manual refresh
  You can prevent hit lists, navigation areas and detail areas being automatically refreshed when you save by using environment parameter SP_WB_DATA_REFRESH_AT_SAVE. This improves performance. There are pushbuttons in the navigation area, in the hit list and in the detail area that you can use to activate the refresh manually, as required.
- Changes to symbols in the property tree
  The symbols in the property tree give you an indication of the inheritance relationships and referencing.
- For user-defined texts in the property tree, documents can be checked into the ***Document Management System*** directly when assigning.
- You can specify exception values on the ***Search for Specification Using Component*** dialog screen.
- You can use a pushbutton to switch the property tree.
- On the ***Reference*** tab page, you can set the ***Relevant*** indicator. The indicator is evaluated during report generation.
- On the ***Relationships*** tab page, you can set the ***Relevant*** indicator. The indicator is evaluated during report generation.
  More Information: Note the possible effect that the ***Relevant*** indicator has on the **change marks**:
  If you enter 2 as the value in the ***Change Marks*** indicator for a generation variant, this should cause all values to be selected for this relationship when you exchange or insert existing references or inheritance relationships.
  However, as of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)*** the ***Relevant*** indicator must also be set to allow you to do this. Since the ***Relevant*** indicator is shipped, you must set the indicator when exchanging or inserting references or inheritance relationships, so that the values are selected.
- When the ***Relevant*** indicator is set for a value assignment instance, then this is displayed using an icon in the property tree.
- In the characteristic value assignment, the input help also contains a description of the dimension.
- If a characteristic is valuated with a phrase that is no longer part of the phrase

set, then the user is informed of this when he tries to change the characteristic. In this case, he cannot make any changes unless he replaces the phrase concerned with a valid phrase.

- For the output variant OUTPUT, the system displays the value assignment types (including associated data) according to the order of the property tree that is specified in user parameter ES6.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Inheritance (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, data is visible at the target immediately after saving when you create an inheritance relationship and when you change source data.

Inheritance is only performed as a background job if this is justified by large volumes of data. You can use the environment parameter INH_BACKGROUND_START_CONDITION, to specify the number of dependent specifications above which inheritance is run as a background job.

In addition, the symbols on the property tree indicate whether a property contains only passed-on value assignment instances, only inherited value assignment instances, or both inherited and passed-on value assignment instances.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Substance Volume Tracking (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, the *Notification Check* has been added to ***Substance Volume Tracking***. TSCA 12B is now also supported.

The *Notification Check* helps you to ensure that certain products and their components are not sold in countries where regulations prohibit them from being imported and marketed.

- Regulation NOTICHECK can be used for the notification check. It can check the notification status of multiple regulations. This regulation only checks the notification status for positive or negative entries. A quantity-dependent regulatory check is not carried out.

Regulation TSCA 12B stipulates that certain information must be reported to the U.S. Environmental Protection Agency when certain chemical substances are exported from the United States.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Global Label Management (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, the following enhancements were added for ***Global Label Management***:

- You have the option of using ***SAP Spool Management*** to print labels.
- All changes to label data in the material master can be logged.
- All user activities and printing activities within Global Label Management can be logged.
- You can narrow the results of label determination using print scenarios.
- More flexibility when extending print scenarios.
- You can view labels in SAP GUI using integrated Microsoft Word.
  This ensures that labels cannot be manipulated.
- You can call Global Label Management from a second SAP system.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Product Safety (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, the following changes have been made to the ***Product Safety*** component:

- **Substance Volume Tracking** has been enhanced.
- **Global Label Management** has been enhanced.
- The following evaluation reports provide lists containing relevant detail data that enables targeted evaluations and analyses:
  - EHSKR_EPM_REP_GEN_QUEUE (generation job)
  - EHSKR_EPM_REP_REQUESTS (report requests)
  - EHSKR_EPM_SHIP_ORDERS (report shipping orders)
  - EHSKR_EPM_GEN_SERVERS (generation server)

  The following new points are provided in the ***Basic Data and Tools*** menu:
  - Basic Data and Tools -> Tools

    List Information for Report Requests
    List Information for Report Shipping Orders
    List Information for Generation Servers
- The input help for the report recipient on the **Report Shipping Orders** screen is not case sensitive.
- The time of report generation is recorded to the minute. This enables you to generate several reports with correct change marks each day.
- The BADI_ESS_REPORT_GEN BAdI enables you to use an individual implementation to generate, display and print reports without using WWI.
- The BADI_ESS_REPGEN_POST BAdI enables follow-on activities after report generation.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_EHS_CI_1 : Structure changes in IMG for EHS

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, the structure of the Implementation Guide (IMG) for the ***Environment,Health and Safety (EH&S***) component has changed. To reflect these changes in the project IMGs, you have to regenerate the project IMGs.

New IMG Activities

- Under ***Basic Data and Tools -> Basic Settings-> Set Up TREX Search***
- Under ***Basic Data and Tools -> Basic Settings -> Specify Number Ranges -> Specify Number Range for Change State Counter***
- Under ***Basic Data and Tools -> Basic Settings -> Specify Number Ranges -> Specify Number Range for Record Number Allocation***
- Under ***Basic Data and Tools -> Basic Settings -> Specify Number Ranges -> Number Ranges for Unique Key for a Session***
- Under ***Basic Data and Tools -> Specification Management -> Specification Master -> Specify Number Range for Group Management Objects***
- Under ***Basic Data and Tools -> Specification Management -> Specification Database Structure -> Component Settings -> Specify Context-Specific Components and Exception Values***
- Under ***Basic Data and Tools -> Specification Management -> Additional Information for Value Assignment -> Check Document Management Customizing***
- Under ***Basic Data and Tools -> Specification Management -> Additional Information for Value Assignment -> BAdI: Fill Authorization Group for Document***
- Under ***Basic Data and Tools ->Report Definition-> BAdI: Enhancement for Report Generation***
- Under ***Basic Data and Tools ->Report Definition-> BAdI: Actions After Report Generation***
- Under ***Basic Data and Tools -> Report Definition-> Specify Number Ranges -> Specify Number Range for Reports***
- Under ***Basic Data and Tools -> Report Definition-> Specify Number Ranges -> Specify Number Ranges for WWI Order Numbers in Table ESTOH***
- Under ***Basic Data and Tools -> Report Definition-> Specify Number Ranges -> Specify Number Ranges for WWI Document Numbers in DMS***
- Under ***Basic Data and Tools -> Report Definition-> Specify Number Ranges -> Specify Number Range for WWI Report Templates***
- Under ***Basic Data and Tools -> Tools -> Import and Export -> Basic Settings for Import and Export -> Specify Number Ranges -> Specify Number Ranges for the File Names for the Report Export***
- Under ***Basic Data and Tools -> Tools -> Import and Export -> Basic Settings for Import and Export -> Specify Number Ranges -> Specify Number Ranges for Import/Export Parameter Passing***
- Under ***Basic Data and Tools -> Tools -> EH&S Application Link Enabling (ALE) -> ALE for Incident/Accident Management -> Set Up Distribution of***

Accident Data

- Under ***Basic Data and Tools -> Tools -> Document Storage -> EH&S Archive Link -> Specify Number Range for Archive Link ID for Temp. Original Files***
- Under ***Basic Data and Tools -> Tools -> EH&S-QM Interface -> Specify Number Ranges -> Specify Number Ranges for Codes***
- Under ***Basic Data and Tools -> Tools -> EH&S-QM Interface -> Specify Number Ranges -> Specify Number Ranges for Code Groups***
- Under ***Basic Data and Tools -> Tools -> EH&S-QM Interface -> Specify Number Ranges -> Specify Number Ranges for Selected Sets***
- Under ***Basic Data and Tools -> Compliance Check -> Set Up Compliance Check***
- Under ***Basic Data and Tools -> Compliance Check -> Specify Composition Types***
- Under ***Basic Data and Tools -> Compliance Check -> Set Up Filter Parameters***
- Under ***Basic Data and Tools -> Compliance Check -> Set Up Additional Parameters***
- Under ***Basic Data and Tools -> Compliance Check -> Business Add-Ins (BAdIs) -> Input Help and Value Check for Additional Parameters***
- Under ***Product Safety -> Global Label Management -> Make Settings for Basic Data***
- Under ***Product Safety -> Global Label Management -> Set Log Level***
- Under ***Product Safety -> Global Label Management -> Specify Number Ranges for Allocation of GLM Record Numbers***
- Under ***Product Safety -> Global Label Management -> Business Add-Ins (BAdIs) -> BAdI Before/ After Label Determination***
- Under ***Product Safety -> Global Label Management -> Business Add-Ins (BAdIs) -> BAdI Before/ After Label Printing***
- Under ***Product Safety -> Global Label Management -> Business Add-Ins (BAdIs) -> BAdI for Serial Number Screen***
- Under ***Product Safety -> Report Shipping -> Basic Settings -> Specify Number Ranges***
- Under ***Product Safety -> Substance Volume Tracking -> Set Up Notification Check***
- Under ***Product Safety -> Substance Volume Tracking -> Set Up Monitoring for TSCA 12B***
- Under ***Product Safety -> Substance Volume Tracking -> Authorization Management -> Specify Authorizations***
- Under ***Hazardous Substance Management -> Hazardous Substance Master -> Hazardous Substance Master for Warehouse Management***
- Under ***Hazardous Substance Management -> Hazardous Substance Master -> Set Up Hazardous Substance Indicator in Material Master***
- Under ***Hazardous Substance Management -> Hazardous Substance Master -> Flexible Hazardous Substance Check -> Activate Flexible Hazardous Substance Check***
- Under ***Hazardous Substance Management -> Hazardous Substance Master -***

> Flexible Hazardous Substance Check -> Assign Countries and Regions to Warehouse Numbers

- Under ***Hazardous Substance Management -> Hazardous Substance Master -> Flexible Hazardous Substance Check -> Assign Check Schemas and Check Methods***
- Under ***Hazardous Substance Management -> Hazardous Substance Master -> Flexible Hazardous Substance Check -> Assign Check Schemas in Warehouse Management***
- Under ***Hazardous Substance Management -> Hazardous Substance Master -> Flexible Hazardous Substance Check -> Define Segregation Rules and Regulations***
- Under ***Hazardous Substance Management -> Hazardous Substance Master -> Flexible Hazardous Substance Check -> Business Add-Ins (BAdIs) -> BAdI: Adjust Determination of Assigned Hazardous Substance Check Modules***
- Under ***Dangerous Goods Management -> Dangerous Goods Checks and Dangerous Goods Documents/EDI -> Common Settings -> Business Add-Ins(BAdIs) -> BAdI: Integration of Shipment Document 001***
- Under ***Dangerous Goods Management -> Dangerous Goods Checks and Dangerous Goods Documents/EDI -> Dangerous goods documents -> Define Profiles for DG Text Pattern***
- Under ***Dangerous Goods Management -> Dangerous Goods Checks and Dangerous Goods Documents/EDI -> Dangerous goods documents -> Assign Text Pattern Profile to Output Types***
- Under ***Dangerous Goods Management -> Handling Unit Integration -> Activate Dangerous Goods Checks***
- Under ***Dangerous Goods Management -> Handling Unit Integration -> Specify Status of Dangerous Goods Packaging for Material Master***
- Under ***Dangerous Goods Management -> Handling Unit Integration -> Specify Approval Code Types***
- Under ***Dangerous Goods Management -> Handling Unit Integration -> Specify Specify Level of Dangerous Goods Packaging***
- Under ***Dangerous Goods Management -> Handling Unit Integration -> Business Add-Ins (BAdIs)*** -> ***BAdI: Dangerous Goods: HU Integration 001***
- Under ***Dangerous Goods Management -> Handling Unit Integration -> Business Add-Ins (BAdIs)*** -> ***BAdI: Dangerous Goods: HU Integration 002***
- Under ***Dangerous Goods Management -> Handling Unit Integration -> Business Add-Ins (BAdIs)*** -> ***BAdI: Dangerous Goods: Dynamic Classification 001***
- Under ***Dangerous Goods Management -> Exceptions to Dang. Goods Regulations -> Define Assignment Profiles for Exceptions to Dangerous Goods Regulations***
- Under ***Dangerous Goods Management -> Exceptions to Dang. Goods Regulations -> Business Add-Ins (BAdIs) -> BAdI: Exceptions to Dangerous Goods Regulations: Other Assignment Objects***
- Under ***Dangerous Goods Management -> Exceptions to Dang. Goods Regulations -> Business Add-Ins (BAdIs) -> BAdI: Exceptions to DG Regulations: Consistency Check***
- Under ***Dangerous Goods Management -> Exceptions to Dang. Goods***

Regulations -> Business Add-Ins (BAdIs) -> BAdI: Exceptions to DG Regulations: Change Data During ALE Distribution

- Under ***Occupational Health -> Basic Settings -> Define Layout of PDF-Based Print Forms***
- Under ***Occupational Health -> Basic Settings -> Specify Number Ranges for Internal Personnel Numbers***
- Under ***Occupational Health -> Basic Settings -> Specify Number Ranges for Assigning Record Numbers***
- Under ***Occupational Health -> Basic Settings -> Specify Number Ranges for Investigations***
- Under ***Occupational Health -> Injury/Illness Log -> Business Add-Ins (BAdIs) -> BAdI: Handling the Status Switch***
- Under ***Occupational Health -> Injury/Illness Log -> Business Add-Ins (BAdIs) -> BAdI: Handling of Actions After the Database Commit***
- Under ***Industrial Hygiene and Safety -> Risk Assessment -> Define Quality of Protection Levels***
- Under ***Industrial Hygiene and Safety -> Risk Assessment -> Business Add-Ins (BAdIs) -> BAdI: Handling of Follow-On Assessments***
- Under ***Industrial Hygiene and Safety -> Incident/Accident Management -> Define Entry Locations***
- Under ***Industrial Hygiene and Safety -> Business Add-Ins (BAdIs) -> BAdI: Handling the Status Switch***
- Under ***Industrial Hygiene and Safety -> Business Add-Ins (BAdIs) -> BAdI: Handling of Actions After the Database Commit***

Renamed IMG Activities

- Under ***Product Safety -> Substance Volume Tracking -> Specify Quantity Limits*** was renamed ***Specify Quantity Limits and Reactions on Overall Status***
- Under ***Occupational Health -> Basic Settings -> Define Forms*** was renamed ***Define Layout of SAPscript Forms***
- Under ***Occupational Health -> Injury/Illness Log -> Basic Settings -> Specify Locations Where Injury/Illness Log Entries Made*** was renamed ***Define Entry Locations***

Reassigned IMG Activities

Under ***Hazardous Substance Management -> Hazardous Substance Master -> Interfaces: Filling and Distribution -> Filling -> Assign Countries and Regions to Warehouse Numbers*** was also assigned to the following: ***Hazardous Substance Management -> Hazardous Substance Master -> Flexible Hazardous Substance Check -> Assign Countries and Regions to Warehouse Numbers***

Deleted IMG Activities

- Under ***Basic Data and Tools -> Specification Management -> Specification Database Structure -> Component Settings -> Specify Context-Specific Components***
- Under ***Basic Data and Tools -> Specification Management -> Specification Database Structure -> Component Settings -> Specify Context-Specific Exception Values***

Both of the IMG activities stated above are combined in the new IMG activity, ***Specify***

Context-Specific Components and Exception Values.

OPS_EHS_CI_1 : Waste Management (Changed)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Environment, Health and Safety (OPS_EHS_CI_1)***, the following changes have been made in the ***Waste Management*** component:

- For disposal document items, *Quantity Update of Total Quantity* and *Period-Based Quantity Update* are available.
- Update report **EHSWAR_SETUP_APP_QTY_UPDATE** checks and, if required, updates the quantity update.
- You can use *Unique Quantity Update* for waste approvals.
  To use this function, you must run reports **EHSWAR_INIT_FUNC_APP_DISPDOC** and **EHSWAR_SETUP_APP_QTY_UPDATE** (with Update Quantity Update indicator set) before an upgrade or new installation.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

Project and Portfolio Management

Business Function Project System

OPS_PS_CI_1: Project System

Use

As of ***SAP ECC 6.0, Enterprise Extension*** (***SAP-APPL 603*** and ***EA-APPL 603***), ***Enhancement Package 3***, you can use the ***Project System*** business function. You can use this business function for a more transparent and effective configuration of the Project System. If you activate the business function, you have access to enhanced functions in the areas of structure, material, costing, and analyses.

For more information, see the following Release Notes:

Project Builder - Enhancements

ProMan Enhancements

Forecast Workbench

Progress Tracking

Easy Cost Planning

Access Control List

Progress Analysis Workbench

Business Add-Ins for Calculation in the Project System

Project System Material Component

Change Inherited Settlement Rules

Determine WBS Account Assignment at MRP Area Level

You can now use new extractors for BI Content.

For more information, see the BI Content release information for SAP NetWeaver 7.0 BI Content Add-On 3 SP08, and the BI Content documentation in the SAP library.

OPS_PS_CI_1: Project Builder - Enhancements

Use

As of ***SAP ECC 6.0***, ***Enhancement Package 3 (SAP-APPL 603)***, business function ***Project System (OPS_PS_CI_1)***, the following enhancements are available in the Project Builder:

- You can call up and view archived projects.
- When working on a project, you can save modified data without leaving the project.
- You can manage statistical key figures on an additional tab page.
- You can choose how many of the most recently processed projects are displayed.
- You can create collective purchase requisitions.
- You can maintain short and long texts in multiple languages for the following PS objects (multi-language support):
  - Project definition
  - Work breakdown structure (WBS) element
  - Network
  - Activity
  - Milestone

Effects on Customizing

If you want to use the ***Statistical Key Figures*** tab page, you must carry out the following IMG in Customizing for the Project System: **Tab Page: Activate Statistical Key Figures** under ***Project System -> Tab Page: Activate Statistical Key Figures***.

To use the multi-language support, you must carry out the following IMG activity: **Activate Multi-Language Support** under ***Project System -> Activate Multi-Language Support***.

OPS_PS_CI_1 ProMan Enhancements

Use

As of ***SAP ECC 6.0***, ***Enhancement Package 3 (EA-APPL 603)***, business function ***Project System (OPS_PS_CI_1)***, the following enhancements to ***Project-Oriented Procurement*** (***ProMan, transaction CNMM***) are available:

- Integration of Progress Tracking for material components
- Additional tab page for customer enhancement
- Changing material assignment using Drag&Drop
- Grouping materials and external services into a purchase requisition

With ProMan, you can display all procurement-related data and documents for a specific object in different overviews. The information from the procurement process is consolidated from various applications, such as the Project system, Materials Management, and Production Planning and Control.

From the ProMan overviews, you can carry out various procurement-related functions such as creating a purchase order for a purchase, posting a goods issue for network components, transferring stock, and on.

Effects on Customizing

You can deactivate the customer-specific view and the ***Progress Tracking*** view using the ProMan profile. You do this in the Implementation Guide (IMG) by carrying out the activity **Define Profile**, under ***Project System -> Material -> Project-Oriented Procurement (ProMan)***

OPS_PS_CI_1: Forecast Workbench (New)

Use

As of ***SAP ECC 6.0***, ***Enhancement Package 3*** (***EA-APPL603***), Project System (OPS_PS_CI_1) business function, you can display, create, and edit forecast values, such as the forecast remaining or total costs, in the new ***Forecast Workbench***.

You can create forecasts for the following objects:

- WBS element
- Network activity

Effects on Customizing

To use this function, you must carry out the IMG activity ***Make Settings for Forecast Workbench*** in the Implementation Guide (IMG), under ***Project System -> Costs -> Actual Costs and Forecast***

OPS_PS_CI_1: Progress Tracking (Enhanced)

Use

As of ***SAP ECC 6.0***, ***Enhancement Package 3*** (***EA-APPL 603***), business function ***Project System*** (***OPS_PS_CI_1***), ***Progress Tracking*** is also available for the following PS objects:

- Network activities
- Work breakdown structure (WBS) elements

Progress Tracking allows you to track the progress of work breakdown structure elements and network activities according to date information, priorities, and status of assigned events. The data can be entered manually, or derived from existing system data.

Effects on Customizing

To use this function, you must carry out the IMG activities under the structure nodes ***Settings for Work Breakdown Structures*** and ***Settings for Networks***. Choose ***Project System -> Progress -> Progress Tracking***

OPS_PS_CI_1: Easy Cost Planning (New)

Use

The ***Project System*** (***OPS_PS_CI_1***) business function is available as of ***SAP ECC 6.0, Enhancement Package 3*** (***EA_APPL 603***). With this Business Function, you can also use Easy Cost Planning for network activities and individual activity elements.

Effects on Customizing

To use this function, you must carry out the IMG activity ***Activate Planning for Network Activities with Easy Cost Planning*** in the Implementation Guide (IMG), under ***Project System -> Costs -> Planned Costs -> Easy Cost Planning and Execution Services -> Easy Cost Planning ->*** **Activate Planning for Network Activities with Easy Cost Planning**.

OPS_PS_CI_1: Access Control List

Use

As of ***SAP ECC 6.0***, ***Enhancement Package 3*** (***SAP-APPL 603***), business function ***Project System*** (***OPS_PS_CI_1***), you can assign authorizations for the following PS objects using an ***access control list***:

- Project definition
- Work breakdown structure element
- Network
- Activity
- Activity element

You can assign the following authorizations:

- No authorization
- Read
- Edit
- Administration

There are three possible user types:

- Individual user
- User group
- Organizational unit

The access control list is displayed on a new tab page for all PS objects.

You can specify whether the system should pass on access rights.

By choosing the menu option ***Delete Access Control List*** transaction ***CNACLD***), you can display and delete all access control lists for a project.

Effects on Customizing

To use the ***Access Control List*** function, you must carry out the IMG activities ***Create Project Profile*** and ***Maintain Network Profiles***, by choosing ***Project System*** -> ***Structures*** -> ***Operative Structures*** -> Work Breakdown Structure (WBS) or -> ***Network*** -> ***Settings for Networks***.

OPS_PS_CI_1: Progress Analysis Workbench

Use

As of ***SAP ECC 6.0***, ***Enhancement Package 3*** (***SAP-APPL 603***), business function ***Project System*** (***OPS_PS_CI_1***), the following functions are availabe in the ***Progress Analysis Workbench***:

- You can choose whether you want to see the result of the query in the standard layout or in the confirmation layout. You can display the layouts as a table or as a tree structure.
- The milestone POCs for a project are displayed in a separate column.
- The PS object types are allocated self-explanatory names in exported Excel tables.
- You can temporarily save status changes to projects in the Progress Analysis Workbench.
- After an Excel file has been uploaded, the system creates a log of all data that could not be uploaded.

OPS_PS_CI_1: Business Add-Ins for Costing in the Project System

Use

As of ***SAP ECC 6.0, Enhancement Package 3 (SAP-APPL 603)***, business function ***Project System (OPS_PS_CI_1)***, the following two Business Add-Ins (BAdIs) are available for ***costing***:

- Customer-specific prices for network cost planning: BADI_ACT_PRICE_CK
- Adjusting the CO version to save the planned costs for networks: BADI_NW_CO_VERS_CK

OPS_PS_CI_1: Project System Material Component

Use

As of ***SAP ECC 6.0***, ***Enhancement Package 3 (SAP-APPL 603)***, business function ***Project System (OPS_PS_CI_1)***, the material component contains the following new features:

- The new item category C is used for material components that you assign to network activities using a catalog. Material components with item category C cannot be copied.
- You can also assign delivery addresses to material components that do not have ***third-party purchase requisition*** as the procurement type. There is a new switch for this purpose in the tabular component overviews.
- You can use a field selection to determine which fields are displayed in the component overview and in the detail view.
- You can add a new tab page to the material components detail view for including customer-specific fields.

Effects on Customizing

To determine the display of fields in the component overview and detail view, carry out the IMG activity **Define Field Selection for Components** (under ***Project System*** -> ***Material*** -> ***Procurement*** -> ***Define Field Selection for Components***).

OPS_PS_CI_1: Change Inherited Settlement Rules (New)

Use

As of ***SAP ECC 6.0***, ***Enhancement Package 3 (SAP-APPL 603)***, ***Project System (OPS_PS_CI_1)*** business function, you can change settlement rules that were automatically generated for a WBS element by generating the rules again. The new method GET_TEMPLATE is available in the WBS_SETTLEMENT_RULE BAdI.

OPS_PS_CI_1: Determine WBS Account Assignment at MRP Area Level (New)

Use

As of ***SAP ECC 6.0, Enhancement Package 3 (EA_APPL 603), Business Function Project System Enhancements (OPS_PS_CI_1)***, you can use the new IMG activity ***Determine WBS Account Assignment at MRP Area Level (TPS_MRP_AREA_PSP)***.

Effects on Existing Data

In this IMG activity, you use the **WBS Account Assignment at MRP Area Level** indicator to control the planning of MRP elements that are assigned to projects in the Project System and in which there are storage location MRP areas.

Effects on Customizing

You make the Customizing settings for this function in Customizing for the Project System by choosing ***Material -> Procurement ->*** **Determine WBS Account Assignment at MRP Area Level**.

See also

For more information, see the central Release Note for the Business Function **Project System Enhancements (OPS_PS_CI_1)**.

Quality Management

Business Function Quality Management, Extensions

OPS_QM_EXTENSIONS: Quality Management, Extensions

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), the Quality Management Extensions business function is available.*** If you activate this business function, you can use the following new and enhanced functions from the ***Quality Management*** (QM) component.

For more information, see the following release information:

- **Failure Mode and Effects Analysis (FMEA) (New)** and **Archiving FMEA Data (New)**
- **Audit Management (Enhanced)**
- **Control Plan (New)**
- **Digital Signature (Enhanced)**
- **Principle of Dual Control in Results Recording (New)**
- **Exponential Display in Results Recording (New)**
- **QM Cockpit for Evaluations (Enhanced)**
- **TREX Search Engine for Notifications (New)**
- **Business Add-In for Customer-Specific Fields in the Notification Process (New)**
- **Portal Roll for Quality Inspector (Enhanced)**

See also

For more information, see the SAP standard library under ***Business Function Sets and Business Functions -> Enterprise Business Functions -> Logistics***.

OPS_QM_EXTENSIONS: Failure Mode and Effects Analysis (FMEA) (New)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS),*** the Failure Mode and Effects Analysis (FMEA) tools are available.

The FMEA is an analytical method for locating and preventing possible defects and weak points in products and processes early on. This method is implemented in Quality Management as a preventive measure.

To create and process a FMEA, you can use either the ***FMEA Cockpit*** or the ***FMEA Monitor***. Both functions provide a hierarchical view of all possible defects within a functional system. You can use a hierarchical and networked system to represent and investigate the whole effect chain, with defect possibilities, defect causes and effects.

You can calculate and valuate the damage effect of a defect using the risk priority numbers (RPN). You can use the tool to manage the necessary actions for reducing or avoiding a defect.

The integration of the FMEA into SAP ERP enables you to link the FMEA with related functions and objects (such as catalogs for defect characteristics or inspection characteristics).

You can archive FMEAs that are no longer used. For more information about archiving, see **Archiving FMEA Data**.

Effects on Existing Data

The FMEA is a new object in SAP ERP. Changes to existing data only occur when FMEAs are created, for example, with assignment to a quality notification.

Effects on Customizing

Make the settings for the FMEA in Customizing for Quality Management, under ***Quality Planning -> Failure Mode and Effects Analysis***.

Since the FMEA uses technically the same functions as Audit Management, some of the settings can be found in Customizing for Audit Management. For more information, see **Audit Management**.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_QM_EXTENSIONS: Archiving FMEA Data (New)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS)***, the archiving object QM_FMEA is provided in the ***Quality Management*** component to archive Failure Mode and Effects Analyses (FMEA).

You can use this archiving object to archive FMEA data that you no longer need to access directly in the system. The data is written to archive files. If this operation is successfully completed, the data is subsequently deleted from the system.

You can display the archived data. There is no provision for the retrieval of previously archived data.

See also

For more information, see the SAP Help Portal at **help.sap.com**.

OPS_QM_EXTENSIONS: Audit Management (Enhanced)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS),*** new IMG activities and BAdIs are available for the ***Audit Management*** (CA-AUD) component. You can also use the new IMG activities and BAdIs in the new ***Failure Mode and Effects Analysis*** (FMEA) component.

You can now call the ***Audit Management*** component from the Quality Management menu.

To adopt the changes in the project IMGs, you must generate the project IMGs again.

New IMG Activities

Under ***Audit Management*** -> ***System Adjustment***

- Text Management (New)

Under ***Business Add-Ins*** -> ***BAdIs for Managing Individual Audit Components***

- Definition of Structure Types
  - Definition of Structure Types (New)
  - BAdI: Structural View for Investigations (Audit, FMEA,...) (New)
- Definition of List Item Types
  - Define List Item Types (New)
  - BAdI for Definition of List Item Types (New)
- Definition of Action Types
  - Define Action Types (New)
  - BAdI for Definition of Action Types (New)
- BAdI for Functional Enhancement of Investigation Type (Audit Type,...) (New)

Changed IMG Activities

Under ***Business Add-Ins*** -> ***BAdIs for Managing Individual Audit Components***

- Linkage of Objects with the Corrective Action (Name changed and new method)

Under ***Business Add-Ins*** -> ***BAdIs for Audit Objects and Audit Evaluations***

- Definition of an Object for Investigation (Audit,...) (Name and documentation changed)
- BAdI: Calculation/Valuation of an Investigation (Audit, FMEA,...) (Name changed and interface enhanced)

Effects on Customizing

If required, generate the project IMG again.

OPS_QM_EXTENSIONS: Control Plan (New)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS),*** you can use the ***Control Plan*** (PLP)(QM-PT-CP) component. This enables you to use these functions together with the functions in the ***Failure Mode and Effects*** (FMEA) component, to perform comprehensive inspection planning, as required according to the international standard, ISO/TS16949.

The control plan describes how products and processes are monitored. It contains tasks that are executed for each phase of the process. In addition, the requirements for goods entry and goods issue inspections, for process controls, and for recurring inspections and controls are stored in the control plan to ensure that the process can be controlled.

You can use the following functions:

- Create, change and display and simulate a control plan.
- Status management
- Consistency check
- Copy critical characteristics from a FMEA or other source to a control plan.
- Display change documents for the control plan.
- Display the structure of a control plan with flexible choice of the relevant master data.
- Print a control plan in form style, according to QS9000.
- Create and change an inspection plan or task list based on a control plan.
- Object link between the control plan and cProjects.
- Access to FMEA and control plan from a quality notification.
- Setting options for plan types, object categories and business processes that influence both the display used in the control plan and the content.

Effects on Customizing

Make the settings for the control plan in Customizing for Quality Management, under ***Quality Planning -> Control Plan***.

OPS_QM_EXTENSIONS: Digital Signature (Enhanced)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS),*** you can implement individual signatures and signature strategies in the following functions in Quality Management:

- In the inspection lot: during results recording
- In the inspection lot: in usage decisions
- When confirming the physical-sample drawing. This means, when releasing the first physical sample in a physical-sample drawing.
- In quality notifications

In the SAP System, the digital signature is supported by the Basis component ***Secure Store and Forward (SSF)***.

Special features of inspection lots and physical samples

The signature data can be printed and you have the option of storing detailed documentation. In addition, there is a function that you can use to edit inspection lots that have an open signature process.

If a result has to be checked and signed by more than one user, the status **Completed** is not given to the inspection characteristic until the signature process is completed.

Special feature of results recording

In the worklist for results recording, the status of a signature process is shown using symbols. You can display the data.

Special features of notifications

In Customizing, you can determine the types of notification, the levels, and the business operations that require a digital signature.

Effects on Existing Data

You can still see existing signatures for inspection lots and physical samples that were created using the previous method.

The ***Log for Digital Signature*** function is provided for a central display of signatures.

Effects on Customizing

You can find Customizing for Digital Signature, under ***Quality Management*** -> ***Environment*** -> ***Central Functions*** -> ***Signature Strategy***.

For each process (results recording, usage decision or physical-sample drawing), specify whether the signature is to be executed using the new or the old method. Specify whether the signature is to be executed synchronously or asynchronously, and whether a strategy is to be used.

You specify the digital signature for notifications in Customizing for ***Quality Management***, under ***Quality Notifications*** -> ***Notification Processing*** -> ***Define Individual Signatures***.

OPS_QM_EXTENSIONS: Principle of Dual Control in Results Recording (New)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS),*** you can use the principle of dual control in results recording.

You can use this to set that a result recorded in SAP ERP must be closed by a different user. This means that at least two different people have to check the data.

You can activate this function using a Business Add-In (BAdI), which offers the following functions:

- Creation and evaluation of results for an inspection characteristic must be done by different users.
- Option of forcing the closure of a characteristic.

Effects on Customizing

Activate the function using the Business Add-In, BADI_QEEM_CLOSE_CHARACTERISTIC.

Calculated characteristics and inspection lots with inspection points or samples are not taken into account in the example implementation.

OPS_QM_EXTENSIONS: Exponential Display in Results Recording (New)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS),*** new functions are provided for results recording.

To make results recording easier for the quality inspector, inspection operations can be displayed analog to the result value, using an exponential display. This information is shown on the screen and enables the quality inspector to compare the results and the specifications directly.

The specifications in the results recording are adjusted to the same format as the results, irrespective of the actual number format used:

- If the specifications and the result differ significantly in size, there may be rounding differences during conversion.
- If the specifications and the result differ too greatly in size, the character string ******** is returned in place of the converted inspection specification.

Effects on Existing Data

The specifications are not saved with the exponential display. This means that existing data is not adjusted.

OPS_QM_EXTENSIONS: QM Cockpit for Evaluations (Enhanced)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS),*** additional functions are available in the QM cockpit for evaluations.

Previously, you could only evaluate data for inspection lots. If you activate this business function, you can also evaluate the following types of data:

- Defects
  Defects can be evaluated directly for the inspection lot. They can also be evaluated as notification items, together with their cause. The new graphic type, Pareto chart, is available to display the frequency of defects or causes. No key figures are offered for defect risks.
- Quality notifications
  Notifications can be evaluated together with their causes.
- Quality-related data for components or preliminary products for a material (using the batch where-used list)
  For components, you can evaluate and display inspection lots, notifications, and errors from the production chain. In particular, a new graphic type is offered for the batch-synchronized display of the characteristic trend. For inspection characteristics, the correlation diagram allows you to investigate causal relationships between individual characteristics.

Depending on what you want to evaluate, data can be selected according to different criteria, grouped, and then displayed in a graphical or tabular form.

Effects on Customizing

Under ***Quality Management -> Environment -> Tools -> Business Add-Ins -> Quality Inspection,*** the following BAdIs were deleted and added to the new ***Quality Control*** structure node:

- BAdI: Data Summarization when Evaluating Original Documents (Reassigned)
- BAdI: Definition of Views for Evaluations of Original Documents (Reassigned)

Under ***Quality Management -> Environment -> Tools -> Business Add-Ins -> Quality Inspection,*** the following BAdIs are new:

- BAdI: Filter List from Batch Where-Used List (New)
- BAdI: Process Data Nodes When Evaluating Original Documents (New)

OPS_QM_EXTENSIONS: TREX Search Engine in Notifications (New)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS),*** the search function for notifications has been enhanced. For this purpose, the notifications are linked to the SAP search engine, TREX.

- For the **simple search**, enter a search term. The search engine finds the notification if the word appears in the notification, irrespective of the notification field in which the word appears. The search also includes texts that are assigned to the notification.
- The **extended search** only differs from the simple search, in that additional fields (attributes) are provided on the selection screen. You can use these additional fields to filter the hits more selectively.

In general, the search is not case sensitive. If you use the search term "SEARCH", you get the same hits as for the term "search". In both cases, similar terms are found, such as terms that were created with a spelling mistake. If you enter "Search" and then activate the fuzzy search, the system will also find the term "Saerch".

Start the search

1. If the search engine service has been activated, choose the input help for notifications in the access screen, and then choose the match code selection.
2. When you activate the search engine service, two new match-code codes become available to you:
   - Simple Search for Notifications Using Search Engine
   - Extended Search for Notifications Using Search Engine

Effects on System Administration

In transaction COM_SE_ADMIN, you can display a list containing the object indexes that already exist. This means, you see the objects for which the search engine service (SES) has already been activated.

To display all other objects for which the search engine service is available and can be activated, choose ***Index -> Create/Activate Indexes***.

Note that the search engine cannot search some fields in accounting objects. For information about which objects and field are affected, see SAP Note 853064.

Effects on Customizing

Make settings in Customizing under, ***SAP NetWeaver*** -> ***Application Server*** -> ***System Administration*** -> ***Search Engine Service***.

See also

For more information, see the SAP Library under ***SAP TREX Search Engine***

OPS_QM_EXTENSIONS: Quality Inspector Role (Enhanced)

Use

As of ***SAP ECC 6.0, Enterprise Extension PLM, Enhancement Package 3 (EA-PLM 603), Business Function Quality Management Extensions (OPS_QM_EXTENSIONS),*** additional functions are available for the Quality Inspector role in the Enterprise Portal.

The following existing functions were enhanced:

Inspection lots
You can use the following enhancements:

- Record inspection results for an inspection lot (revised)
- Print inspection instruction
- Print sample drawing instruction

Production orders
You can use the following enhancements:

- Record inspection results for an inspection lot (revised)

Tasks
You can use the following enhancements:

- Authorize and close tasks

Inspection results
You can use the following enhancements:

- Graphic display of single values in histogram
- Graphic view of characteristic values in quality control chart
- Improved layout. For example, you can navigate between inspection points and you can display the main information for the selected object.
- User parameter for configuring results recording
- Display different categories of test equipment
- Automatic upload of results in results recording using a BAdI
- Confirm results that have one of the following inspection-point termination variants stored for them in the plan:
  Quantity, valuation, confirmation (production)
  Quantity, valuation (production)

Reports
You can use the following enhancements:

- Tools for flexible analysis of data (QM evaluation cockpit)

Services
The list of QM-specific services has been modified. This means that further services for processing QM data are available.

Effects on Existing Data

Quality inspectors can use this role to obtain extended access to data that is relevant to them. This data is from the basic ERP system, such as inspection lots, production orders, notifications and samples.

Effects on System Administration

System administration can make default settings for various web applications within the

quality inspector role, such as in worklists, orders and notifications.

Effects on Customizing

Make general settings for the Quality Inspector role in Customizing, under ***Integration with Other SAP Components -> Business Packages/Functional Packages -> Quality Inspector***. The changes made to the IMG structure are described below. To reflect the changes in the project IMGs, you must regenerate the project IMGs.

New

Under ***Business Add-Ins***:

BAdI: Technical Call of Application from Portal (New)

BAdI: Automatic Upload of Results in Results Recording (New)

BAdI: Extend Results Recording in Web Application (New)

Renamed

Under ***Reporting -> Compile Report List*** was renamed as ***Set Up Launchpad for Quality Inspector***.

Renamed and **Reassigned**

Under ***Confirmation***, the ***BAdI for Order Confirmation in Portal*** activity was renamed and reassigned under ***Business Packages/Functional Packages -> Quality Inspector -> Business Add-Ins***:

Enhancements for Confirmation in Portal (Reassigned)

Changed

Under ***Reporting -> Compile Report List***, a new transaction was assigned.
Note: If you want to transfer the configuration of your previous launchpad, execute program APB_LPD_LPA_CUST_TO_LPD_CUST (with role = QI and instance = REP) in transaction SE38.

Deleted

Under ***Reporting***, ***Apply Default Values for LaunchPad*** was deleted.

Make personal worklist settings in Customizing, under ***Cross-Application Components -> General Application Functions -> Generic mySAP Suite Functions -> Personal Object Worklist***.

Make personalization settings in Customizing, under ***Cross-Application Components -> General Application Functions -> Generic mySAP Suite Functions -> Personalization -> Help Functions in the Personalization Environment -> Personalization Data: Single Processing***.

Personalization dialogs:

Results History in Results Recording (DIA_QI_RC)

Reporting Inspection Lot (DIA_QI_REP_INSP)

Reporting Notification (DIA_QI_REP_NOT)

See also

For more information, see the SAP Help Portal at **help.sap.com**.

Real Estate Management

Business Function RE/FM, Earmarked Funds

RE_FM_EARMARKED_FUND: RE/FM Earmarked Funds

Use

As of *SAP ECC 6.0, Enterprise Extension Financials, Enhancement Package 3 (EA-FIN 603)*, the Business Function RE/FM Earmarked Funds (RE_FM_EARMARKED_FUND) enables integration between the real estate contract and earmarked funds in Funds Management (FM).

You can then have the system generate a funds commitment in Funds Management (FM) when you create a vendor real estate contract. Similarly, you can have the system post a forecast of revenues for customer contracts. Both of these types of earmarked funds are then gradually reduced over time by periodic posting of vendor or customer invoices.

Earmarked Funds

The system creates an earmarked funds document for each financial year (fiscal year). For the amount, the system uses the sum of all cash flow items that meet the following requirements:

- The flow type is designated as relevant for approval in Customizing.
- The due date is in the relevant fiscal year.

The system generates a line item for each different Funds Management account assignment (FM account assignment). To specify which account assignments are relevant, you make settings in Customizing for *Funds Management* and also make Customizing settings for the contract type (explained below).

Approval Workflow

You can also specify that an approval workflow is triggered before a real estate contract can be activated or before the first periodic posting can be executed.

You can choose one of the following approval procedures:

1. *Workflow for the Earmarked Funds Document*
   When you create or change a contract, the system creates or changes an earmarked funds document that has to be approved. The approval workflow is started using the workflow events for earmarked funds.
2. *Workflow of Real Estate Management with Earmarked Funds Document*
   When you create or change a contract, the system creates or changes an earmarked funds document. The approval workflow is started using a workflow event of the real estate contract.
3. *Workflow of Real Estate Management Without Earmarked Funds Document*
   This is the same as the second alternative, but without an earmarked funds document being created.

Effects on System Administration

For the first two options for the workflow, **Funds Management must be active**.

Effects on Customizing

Make the following settings in Customizing for *Flexible Real Estate Management* (RE-FX):

Activate the approval workflow for the company code in the **Activate Required Approval per Company Code** IMG activity.

Make settings for approval in the **Define Approval Data per Contract Type** IMG activity.

Set the flow types so they are relevant for approval in the **Define Flow Types** IMG activity.

Also make settings for the workflow roles in Customizing for *Public Sector Management*:

Define the standard tasks and assign agents to them.

Assign the agents to the responsible budgets by choosing *Workflow -> Role Definition*:

- *Stipulate Document Classes*
- *Assigned Document Category to Document Class*
- *Define FM Account Assignment Groups*