

Release Notes
for
SAP enhancement package 7
for **SAP ERP 6.0,**



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EHS Environment, Health and Safety

LOG_EHS_CI_4: EHS - Continuous Improvements for Product Safety Business Function

Use

As of **SAP enhancement package 7 for SAP ERP 6.0 (EA-APPL 617)**, the business function **EHS - Continuous Improvements for Product Safety (LOG_EHS_CI_4)** is available. This business function contains changes and enhancements for the **Environment, Health and Safety** component.

For more information, refer to the following release notes:

- o **Report Definition (New)**
- o **Specification Management (New)**
- o **Tools (New)**

See also

For more information, see **SAP Library for SAP ERP** on **SAP Help Portal** at <http://help.sap.com>.

Report Definition (New)

Use

As of **SAP enhancement package 7 for SAP ERP 6.0 (EA-APPL 617)**, business function **EHS - Continuous Improvements for Product Safety (LOG_EHS_CI_4)**, the following new functions are available in the **Report Definition (EHS-BD-RDF)** component:

- o In the **Edit Cover Sheet Template** transaction, you can insert address blocks in cover sheet templates for material safety data sheets that output the recipient and sender addresses according to the standard address format in the recipient's or sender's country. This means that you do not need to create separate cover sheet templates for recipient countries that have specific address formats.
- o The address symbols are contained in the report symbol group **06X Address Data for Cover Sheet**. Up to 9 address lines can be output for each of the following address types:
 - **RCACL 1 Address Data for Recipient, Lines 1 to 9 (EHS_RCACL1 to EHS_RCACL9)**: The recipient's address is printed
 - **SNASL1 Sender's Address, Sales Organization, Lines 1 to 9 (EHS_SNASL1 to EHS_SNASL9)**: The address of the sales organization is printed.
 - **RCACP1 Recipient's Address, Contact Person, Lines 1 to 9**: The address of the contact person for the recipient is printed. This is usually the address of a contact person within a company.

Effects on Customizing

- o The function module **C12N_DEFAULT_PARAM_ADRSYM_COV** initializes the

report symbol group **06X Address Data for Cover Sheet** in the Customizing activity **Specify Report Symbol Groups**.

- o You use the environment parameter **SRE_ADRSYM_COVER_CTY_LANG** to specify the language in which the name of the country of destination is to be printed on the cover sheet of the material safety data sheet. A parameter value is **not** set in the standard system, which means that if a language is not defined, the country of destination is printed in the language of the sales organization or sender.

See also

For more information, see **SAP Library for SAP ERP** on **SAP Help Portal** at <http://help.sap.com> under **SAP ERP Central Component -> Logistics -> Environment, Health and Safety (EHS) -> Basic Data and Tools (EHS-BD) -> Report Definition (EHS-BD-RDF)**.

Specification Management (New)

Use

As of **SAP enhancement package 7 for SAP ERP 6.0 (EA-APPL 617)**, business function **EHS - Continuous Improvements for Product Safety (LOG_EHS_CI_4)**, the following new functions are available in the **Specification Management (EHS-BD-SPE)** component:

Exclude Characteristics from the Generation of Phrase Sets

The Customizing activity **Generate Standard Phrase Sets** has been extended to include the activity **Exclude Characteristics from Phrase Set Assignment**. In this activity, you specify characteristics for which no phrase sets are to be generated. You have to execute this activity **before** the activity **Create Standard Phrase Sets**.

Display Value Assignment Types of Category "Composition" in a Table

The data for the valuation assignment types of category **Composition** is output in a table based on the **ALV grid control** function. This table display replaces the step loop display used up to now and provides the following new features:

- o Three rather than two identifiers are displayed.
- o The mandatory fields to be completed for the composition are indicated in yellow.
- o Under **Value in %**, the percentage of the components is displayed in the sum of the composition. The values in this column can be sorted in ascending or descending order.
- o The **Excel Inplace** view allows the **ALV grid control** table display to be displayed as an Excel table.
- o You can display component information at a glance by choosing the **Details** pushbutton.
- o The header data for the selected data record is displayed by choosing **Extras -> Administration Information** from the menu.
- o You can copy and insert one or more rows within the composition. The rows to be added are inserted at the end of the table.
- o You can insert data from other sources such as Microsoft Excel into the composition using the key combinations **Ctrl+C** and **Ctrl+V**. To do so, you must first add the number of rows to be inserted into the table using **Insert Row**.
- o The components are automatically sorted in ascending order when you save.
- o You can duplicate one or more rows using the **Duplicate** pushbutton. These are inserted above the selected row. The sort sequence of the duplicated row is copied.
- o If you activate the **Total** pushbutton,
 - The total for the components in a row is displayed at the end of the table. If you choose dimension PROPOR (weight proportion or volume proportion) as the reference value, a message is displayed in the status bar if the total exceeds 100%, assuming you have changed the values. If you save the change, a warning message is displayed.
 - The sum of the components is displayed in the title bar. If you have

chosen dimension PROPOR (weight proportion or volume proportion) as the reference value, a message is also displayed here indicating the percentage by which the sum of components exceeds or falls short of 100%. If the **Total** pushbutton is not activated, the information is still displayed in the title bar.

- o If the Total pushbutton is **not** activated, messages are not displayed in the status bar and the total is not displayed at the end of the table.

Note: If different units of measurement of a dimension are specified for the components, an SI unit must be assigned to the dimension. If no SI unit is assigned, the sum of the components cannot be calculated.

The current step loop display can still be used. In this case, you have to activate the function in Customizing. Note that you can activate only one of the two display options for the composition.

Display Phrase-Enabled Characteristics as a Phrase Text and Phrase Code

In the Customizing activity **Set Up Table-Based Value Assignment**, the activity **Create Entries for the Value Assignments** (report RC1TCG11_02) has been extended to include the **Phrase Representation** group box. You can specify for individual value assignment types whether the assigned phrase-enabled characteristics (data type CHAR) appear as the **phrase text**, **phrase code**, or **phrase code and text**. **Phrase text** is set by default. The settings selected in this activity for the phrase representation apply to all phrase-enabled characteristics of the value assignment type. In the activity **Set Up Table-Based Value Assignment**, you can define the phrase representation individually for the characteristics of a value assignment type.

If **Phrase Code** or **Phrase Code and Text** is selected for a characteristic but a phrase code does not exist for the assigned phrase, only the phrase text is displayed in the table-based value assignment.

Execute Multiple Sets of Rules in a Rule Set Sequence

In the **EH&S Expert**, you can use a user exit to execute multiple sets of rules (which are combined in a rule set sequence) for a specification in a defined sequence. This means that you do not have to call and execute each set of rules individually. On the **Determine Secondary Data** screen, you choose the rule set sequence that you specified in the Customizing activity **Manage User Exits**.

Effects on Customizing

Exclude Characteristics from the Generation of Phrase Sets

In the Customizing activity **Generate Standard Phrase Sets**, standard entries are provided for characteristics for which no phrase sets are to be generated.

Display Value Assignment Types of Category "Composition" in a Table

In the Customizing activity **Assign Tab Pages to Value Assignment Categories**, table entry **COMPALV** has been assigned to display the ALV grid control for the value assignment category **C Composition (with class)**, and is selected as the default tab page in the value assignment. The table entry **COMP** for the step loop display is

deleted.

In the Customizing activity **Specify Tab Pages**, entry **COMPALV** is shipped, making it possible to display the ALV grid control. The table entry **COMP** for the step loop display is retained.

If you want to use the step loop display for the composition instead of the ALV grid control, enter the value **COMP** in the Customizing activity **Assign Tab Pages to Value Assignment Categories** and select it as the default tab page.

Display Phrase-Enabled Characteristics as a Phrase Text and Phrase Code

The BAdI method GET_ADD_CLASS_DEF for the **BAdI: Enhancement of Table-Based Value Assignment** has been extended to include the display of phrase-enabled characteristics as a phrase text, phrase code, or phrase code and text.

Execute Multiple Sets of Rules in a Rule Set Sequence

In the Customizing activity **Manage User Exits**, you use the function module **C1E8_CALL_MULTIPLE_RULE_SET** to specify the rule set sequence that is executed in the **EH&S Expert**. In the environment parameter **EXPERT_CALL_XX** (XX = 00 to 99), you specify the sets of rules that are executed during the rule set sequence. You define the sequence of the rule set call using the number assigned to the set of rules.

See also

For more information, see **SAP Library for SAP ERP** on **SAP Help Portal** at <http://help.sap.com> under **SAP ERP Central Component -> Logistics -> Environment, Health and Safety (EHS) -> Product Safety (EHS-SAF)**.

Tools (New)

Use

As of **SAP enhancement package 7 for SAP ERP 6.0 (EA-APPL 617)**, business function **EHS - Continuous Improvements for Product Safety (LOG_EHS_PS_CI_4)**, the following new functions are available in the **Tools (EHS-BD-TLS)** component:

The transaction **Import Vendor MSDS (CG36VEN)** has been renamed **Import Single Report** and extended to include the import of all reports. This means that the import is not restricted to vendor MSDS.

- If you want to import a single report, the associated report generation variant must be linked to a report category that allows single reports to be imported. To do so, you must specify whether single reports can be imported for the report categories in the Customizing activity **Specify Report Categories**.
If the associated report generation variant is also used for other reports, all of the reports linked to this variant might not be assigned versions correctly. For this reason, you should create a report generation variant that is exclusively used to import reports.
- When the single report is imported, the system checks for the specified report version whether the single report has already been imported for the report generation variant, specification, language, remark for the note, and for the vendor. Otherwise, a new report version is assigned.
- The **Vendor** field has been renamed **Note/Vendor**. Using the input help here, you can assign remarks for a note or information for the vendor.
- The input help for the report generation variant has been extended to include the columns **Report Category** and **Name of Report Category**.

Effects on Customizing

The Customizing activity **Specify Report Categories** has been extended to include the **Imp. Perm.** checkbox. Select this checkbox if single reports can be imported for the selected report category.

See also

For more information, see **SAP Library for SAP ERP** on **SAP Help Portal** at <http://help.sap.com> under **SAP ERP Central Component -> Logistics -> Environment, Health and Safety (EHS) -> Basic Data and Tools (EHS-BD) -> Tools (EHS-BD-TLS)**.

LOG_EHS_GLM_CI_4: EHS - Continuous Improvement for Global Label Management Business Function

Use

The business function **Continuous Improvement for Global Label Management (LOG_EHS_GLM_CI_4)** is available with the following **SAP enhancement packages for SAP ERP 6.0**:

- o **SAP enhancement package 7 (EA-APPL 617)**
- o **SAP enhancement package 6 for SAP HANA SP03 (EA-APPL 616)**

- o **SAP enhancement package 6 SP08 (EA-APPL 606)**
- o **SAP enhancement package 5 SP11 (EA-APPL 605)**

This business function contains changes and enhancements for the **Environment, Health and Safety** component.

For more information, refer to the following release notes:

- o **Global Label Management (Changed)**
- o **Report Definition (Changed)**

See also

For more information, see **SAP Library for SAP ERP** on **SAP Help Portal** at <http://help.sap.com>.

Global Label Management (Changed)

Use

New functions are available in the **Global Label Management (EHS-SAF-GLM)** component with the following **SAP enhancement packages for SAP ERP 6.0**, business function **Continuous Improvement for Global Label Management (LOG_EHS_GLM_CI_4)**:

- o **SAP enhancement package 7 (EA-APPL 617)**
- o **SAP enhancement package 6 for SAP HANA SP03 (EA-APPL 616)**
- o **SAP enhancement package 6 SP08 (EA-APPL 606)**
- o **SAP enhancement package 5 SP11 (EA-APPL 605)**

Changed Structures in Global Label Management

The structure for **Global Label Management** has been moved to the first level in the **SAP Easy Access** user menu and in Customizing for **SAP Environment, Health and Safety**. In addition, the entries have been rearranged in both structures.

The following new transactions have been added to the user menu:

- o Labeling Workbench (transaction CBGLWB)
- o Print Print Requests via Bar Code Entry (transaction CBGL_BS)

The following entries, which already existed in the **SAP Environment, Health and Safety** user menu, have been added to **Global Label Management**:

- o Edit Generation Variant (transaction CG2B)
- o Edit Report Templates (transaction CG42)
- o Specification Workbench (transaction CG02BD)
- o Report Information System (transaction CG54)
- o Edit Report (transaction CG50)
- o Validate Report (transaction CG55)
- o Release Report (transaction CG56)
- o Assign Report Versions (transaction CG57)
- o Set Report to Historical (transaction CG58)
- o Delete Change Documents for Label Printing (transaction S_SH8_84000399)
- o Display Change Document for Material Master (transaction CBGL_CD03)

Creating Label Templates

The **Edit Report Templates** transaction (CG42) has been enhanced to include the following functions, which are relevant for creating label templates:

- o The **Static Bar Code** expansion mode has been added to the **Symbol** tab page. This expansion mode provides parameters for creating static bar codes.
- o On the **Sequence Numbers/Data** tab page, you control the output of sequence numbers, sequential data, and variable bar codes on the label template. This tab page is only displayed when you are creating or editing a label template.

- o The **Sequence Numbers/Data** tab page replaces the **Enter Serial Number** function in the **Edit** menu.
- o On the **Building Block Catalog** tab page, you control the creation and use of building blocks that you incorporate as reference document templates into report templates or insert as copies.
- o The **Check Label** function has been added to the **document** menu (see also under **Label Check**).

For more information, see the release note for the report definition .

Label Check

You use the label check to simulate the final label (final report) on a label template. This allows you to check in advance how the values to be printed on the label are displayed.

- o In the **Print Request Body Manager** of the **labeling workbench**, you create a new print request based on an existing print request body by choosing **Copy (for Label Check)**.
- o You carry out the label check in the following transactions:
 - Edit Report Templates under **Document -> Check Label**
 - Edit Report (Report Management) under **Utilities -> Check Label**
 - Release Report (Report Management) under **Utilities -> Check Label**
 - Report Information System under **Document -> Check Label**

Determining Labels

The Customizing activity **Define Print Scenarios** (replaces **Specify Labeling Scenarios**) has been enhanced to include the following settings for label determination:

- o Assignment of RFC Destinations: If the SAP EHS and logistics systems are separate systems, you need to establish the connection between these two systems using the RFC destinations.
- o Type of Print Output:
 - Using the **Via PC** print output, the labels are printed following label determination by means of a printer connected to the PC or by means of SAP spool. This setting is the equivalent of the print function previously used.
 - Using the **Via Print Request** print output, you generate print requests following label determination.
In **label printing**, the options displayed depend on the setting selected in the labeling scenarios.

Printing Labels

- o The print function in **Global Label Management** has been enhanced to include the option to print via print requests. In **label printing**, there are now two options for printing labels:
 - The existing print output has been renamed to **Via PC**: You print your

labels following label determination by means of the printer connected to the PC or by means of SAP spool.

- When you select **Via Print Request** as the type of print output, you generate a print request following label determination. If you choose **Print Immediately** before print request generation, the print request is printed as soon as it is generated. Otherwise the print request is displayed in the **labeling workbench** once it is generated, from where it can then be edited or printed. The request is printed using the WWI generation server, which is connected to a printer, or using SAP spool.

You assign the required print function to the labeling scenarios in the Customizing activity **Define Print Scenarios** (replaces **Specify Labeling Scenarios**).

- o The print requests are managed internally using the print request API (see function group CBGL_PRINT_REQUEST_API). All print requests for **Global Label Management** are created, changed, and deleted in this API. The print request API is also used to print the labels and to request the file for the label preview. This enables you to integrate the print request API into different processes in **Global Label Management**. The print request API is integrated into the **labeling workbench** and the **Label Printing** transaction.

Manually Generating Print Requests for Label Printing

In the Customizing activity **Define Print Scenarios**, you can specify for each of the labeling scenarios whether you want to use print requests to print the labels. You generate the print requests in **label printing** following label determination. Once they are generated, print requests are displayed in the **labeling workbench**, where they can then be edited and printed. If you choose the **Print Immediately** option in **label printing**, the labels are printed automatically once a print request is generated. The corresponding print requests are displayed in the **labeling workbench**.

Automated Processes in Label Determination and Generation

Automatic print request generation for the **delivery** and **handling unit** business processes is implemented using output control and integrated into **Global Label Management** using the report RCBGL_TRIGGER_NAST. The report RCBGL_TRIGGER_NAST must be called in the ENTRY FORM routine of the processing routines. As soon as the output is triggered, the print request is generated automatically.

Automatic print request generation for process orders is implemented in customer exit PPCO0001 (application development: PP orders). This customer exit is run when a process order is saved. The print request is generated automatically.

Labeling Workbench

In the **labeling workbench**, all print requests are displayed in the selected function **Print Information System** or **Simplified Print Information System**, sorted by print station.

- o The print request generated, which contains the label generated on the WWI generation server as well as the header data and parameter values, can be processed here. This means that print requests can be printed and also changed, copied, or deleted before printing. You can also display a preview and the current status of the print request.

- o In the **labeling workbench**, only those print stations for which a user has been granted authorization using authorization object **C_EHSG_WB** are displayed for that user.
- o Once print requests have been printed, they are indicated as **Printed** in the queue.

Print request bodies are displayed and edited under **Print Request Body Manager**. A print body request is a preliminary stage of the print request.

- o A print request body only contains header data and administrative information, such as the printer assigned to the print request or the name of the last processor. A print request is generated from the print request body automatically following print request generation or manually when a print request is created again.
- o The entries from the application log are displayed under **Log Display**.

You define the layout of the **labeling workbench** in the Customizing activities **Define Basic Data for Function Workbench** and **Define Layout of Function Workbench**.

Using the **Reorganize Print Requests and Change Documents** report (RCBGL_PRINTREQUEST_REORG), you automatically delete all print requests that are no longer valid. These print requests are then no longer displayed in the **labeling workbench**.

Using the **Print Print Requests via Bar Code Entry** report (transaction CBGL_BS), you print the print requests that were selected using a bar code.

Enhancement of the WWI Generation Server for Label Generation

Label printing and final label generation are handled by the WWI generation server as well as a separate document management system. The WWI generation server therefore provides temporary storage for outsourced data storage (released label templates, print request data, report bodies, and final labels) to relieve the load on the SAP system. Print request generation can therefore take place with minimal amounts of data in the SAP system since data has already been stored temporarily. Final label generation is also handled by the WWI generation server.

Label printing using print stations is also handled with the WWI generation server. A WWI generation server can be supplied data from a number of print stations. If this is the case, you need to create a common database for this WWI generation server.

Character sizing can be controlled using settings in the file WWI.INI. The font size is calculated in this case. The existing graphical function to determine character sizing using Microsoft Word is deactivated.

The bar code library is installed using an interface: SAP does not ship a bar code library, but instead provides an interface that can be implemented by any manufacturer. This means you first have to purchase a suitable bar code library and install it on your WWI generation server.

Using the printer for mass printing (high volume printer – HVP), you can print print requests that contain more than 32,768 copies to be printed. Mass printing is executed via the WWI generation server. For this purpose, the printer required for mass printing (HVP) must be installed on the WWI generation server. Furthermore, printer-specific plug-ins must be available on the HVP. SAP does not deliver any plug-ins but instead provides an interface that can be implemented by any number of manufacturers. You must first obtain a print-specific plug-in and install it on your WWI generation server.

Effects on System Administration

Before you configure **Global Label Management**, you need to configure the following settings:

- o Switch Business Configuration Sets (Switch BC Sets) of **Global Label Management**: If you activate the business function **LOG_EHS_GLM_CI_4 (EHS - Continuous Improvement for Global Label Management)**, the following switch BC sets are imported:
 - EHS_GLM_CCGLV_BASIC_V (EHS: EHP7 - Configure basic GLM data)
 - EHS_GLM_CCGLV_LABTY_V (EHS: EHP7 - Specify GLM label categories)
 - EHS_GLM_CCGLV_LOGLEVEL_V (EHS: EHP7 - Set GLM log level)
 - EHS_GLM_CCGLWBV_PAR_V (EHS: EHP7 - Function Workbench - settings)
 - EHS_GLM_CCGLV_SERD_V (EHS: EHP7 - Define GLM sequential numbering)
 - EHS_GLM_CCGLV_SECF_V (EHS: EHP7 - Specify secondary value determination for report symbol for GLM)
 - EHS_GLM_CCGLV_PUOM_V (EHS: EHP7 - Specify GLM packaging units)
 - EHS_GLM_CCGLVC_SCEN_C (EHS: EHP7 - GLM labeling scenarios)
 - EHS_GLM_CCGLWBVC_C (EHS: EHP7 - GLM Function Workbench - Customizing)
 - EHS_GLM_CCGLV_USERACTION_V (EHS: EHP7 - GLM user actions)
 - EHS_GLM_CCGLV_USERACTIOT_V (EHS: EHP7 - GLM user action text)

These switch BC sets contain all the basic settings for **Global Label Management**.

- o You must first migrate the existing labeling scenarios for **Global Label Management**. Using the Customizing activity **Migrate Labeling Scenarios for Global Label Management**, you can use report RCBGL_CUST_SCEN_MIGRATE to copy the existing configuration settings for labeling scenarios of **Global Label Management** to the Customizing activity **Define Print Scenarios**.
- o If you want to print the labels using print requests, you need to schedule background jobs using the Customizing activity **Background Jobs for Processing Print Requests** using the logged user.
- o To use **Global Label Management**, the **labeling workbench**, and the print request API, you need to create user roles and assign these to the users. The authorization objects required for the user roles are described in the next section.

Authorization Objects

The following authorization objects have been added to Global Label Management:

- o Using the authorization object **C_EHSG_MP1** (Label Printing), you can restrict authorizations to individual labeling scenarios and specify the permitted activities when printing labels and in case of data overflow.

- o You use the authorization object **C_EHSH_PER** (EHS: Edit Print Requests in GLM) to control access to the print request interfaces and print stations.
- o You can use authorization object **C_EHSG_WB** (EHS: Function Workbench) to assign authorizations for using the **labeling workbench** as well as to restrict access to specific, selected functions and define the activities permitted within a selected function. You can also restrict or define access to the tabs within a selected function.
- o You can use the authorization object **C_EHSR_TPL** (EHS: Authorizations for Editing Report Templates) to assign authorizations to use certain activities in the template editor.

Effects on Customizing

New Customizing Activities

The following Customizing activities have been added to **Global Label Management**:

- o Configure WWI Server for Print Request Generation
- o Define Number Ranges for Print Requests
- o Reorganize Print Requests and Change Documents
- o Background Jobs for Processing Print Requests
- o Specify Parameters for Bar Codes and Sequence Numbers
- o Specify Bar Code Types
- o Migrate Labeling Scenarios for Global Label Management
- o Define Print Scenarios (replaces the Customizing activity **Specify Labeling Scenarios**); print request generation added
- o Set Up Output Control for Labeling Scenarios
- o Specify Print Destination
- o Specify Additional Labels for Print Request
- o Set Filters for Print Requests
- o Specify Default Header Data for Print Request
- o Specify Default Values for Sequential Numbering
- o Specify Rules for Print Requests of Process Orders
- o Additional Rules for Print Requests of Process Orders
- o Work Centers for Print Request Generation Using Process Orders
- o Transfer and Activate Printers for Print Requests
- o Specify Print Station for Print Requests
- o Assign Printer to Print Station
- o Define Basic Data for Function Workbench
- o Define Layout of Function Workbench
- o BAdI: Enhancements for Print Request API (CBGL_BADI_EHS_GLM_009)
- o BAdI: Business Logic of Print Request API (CBGL_BADI_EHS_GLM_010)

- o BAdI: Scenario-Dependent Print Request Generation (CBGL_BADI_EHS_GLM_010)
- o BAdI: Print Request via Messages (CBGL_BADI_EHS_GLM_012)
- o BAdI: Print Request via Process Order (CBGL_BADI_EHS_GLM_013)
- o BAdI: Print Request via Label Check (CBGL_BADI_EHS_GLM_014)

The following documentation for the implementation has been enhanced in Customizing for **Global Label Management**:

- o Prerequisites for Global Label Management
- o Configuration of Global Label Management
- o Configure WWI Document Management System
- o Install WWI Database
- o Character Sizing in Global Label Management
- o Install Bar Code Library
- o Install Printer for Mass Printing
- o Create Label Templates
- o Configure Label Check
- o Print Labels Using PC
- o Set Up Manual Print Request Generation
- o Set Up Automatic Print Request Generation
- o Print Print Request Manually and Automatically

Furthermore, Customizing for **Global Label Management** has been restructured.

Enhanced Customizing Activities

In Customizing for **Global Label Management**, the existing Customizing activity **Make Settings for Basic Data** has been enhanced:

- o **Validity of Print Request Body in Days** and **Validity of Audit Data in Days**: These settings are relevant for report RCBGL_PRINTREQUEST_REORG.
- o **Name of SAP System** and **Client**: Specifies the SAP system and the client for which a print request was created.
- o **Number of Background Jobs for Processing Print Requests** and **Number of Background Jobs for Printing Print Requests**: These settings control report RCCGLR_SUBMIT_PRQ_JOBS (Customizing activity **Background Jobs for Processing Print Requests**).
- o In addition, a number of fields were renamed.

Renamed Customizing Activities

The following Customizing activities in Customizing for **Global Label Management** have been renamed:

- o **Set Up GHS/Dangerous Goods Phrase Assignment** has been renamed **GHS/Dangerous Goods: Define Phrase Assignment**
- o **Set Up Label Data Entry in Material Master** has been renamed **Edit Label**

Data in Material Master

- **Set Up Generation Server for Label Generation** has been renamed **Set Up WWI Server for Label Printing**
- **Transfer and Check Printers** has been renamed **Transfer and Check Printers for Label Printing**
- **Specify Serial Numbers** has been renamed **Define Sequential Numbering**
- **Specify Number Ranges for Allocation of GLM Record Numbers** has been renamed **Specify Number Ranges for Allocation of Record Numbers**
- **BAdI Before/ After Label Determination** has been renamed **BAdI: Change Label Determination** (BADI_EHS_GLM_006)
- **BAdI Before/ After Label Printing** has been renamed **BAdI: Enhance Preview and Printing in 'Label Printing'** (BADI_EHS_GLM_007)
- **BAdI for Serial Number Screen** has been renamed **BAdI: Default Sequential Numbering in 'Label Printing'** (BADI_EHS_GLM_008)

BAdIs Enhanced in Customizing for Global Label Management

The following existing BAdIs have been enhanced in Customizing for **Global Label Management**:

- **BAdI: Display Label Tree in 'Label Printing'** (EHS_GLM_BADI_001)
- **BAdI: Read Logistics Data from Make-to-Stock and Make-to-Order Production** (EHS_GLM_BADI_002)
- **BAdI: Read Logistics Data from the Delivery** (EHS_GLM_BADI_003)
- **BAdI: Read Logistics Data from Goods Receipt** (EHS_GLM_BADI_004)
- **BAdI: Change Material-Substance Assignment** (EHS_GLM_BADI_005)

See also

For more information, see SAP Library for **SAP ERP** on **SAP Help Portal** at <http://help.sap.com> under **SAP ERP Central Component -> Logistics -> Environment, Health and Safety (EHS) -> Global Label Management (EHS-SAF-GLM)**.

Information about implementing **Global Label Management** is available in Customizing for **Global Label Management** under **Prerequisites for Global Label Management**.

Report Definition (Changed)

Use

New functions are available in the **Report Definition (EHS-BD-RDF)** component with the following **SAP enhancement packages for SAP ERP 6.0**, business function **Continuous Improvement for Global Label Management (LOG_EHS_GLM_CI_4)**:

- o **SAP enhancement package 7 (EA-APPL 617)**
- o **SAP enhancement package 6 for SAP HANA SP03 (EA-APPL 616)**
- o **SAP enhancement package 6 SP08 (EA-APPL 606)**
- o **SAP enhancement package 5 SP11 (EA-APPL 605)**

The following functions have been added to the **Edit Report Templates** transaction (CG42):

Integrate Bar Codes into Report Templates

The **Static Bar Code** expansion mode has been added to the **Symbol** tab page. This expansion mode provides parameters for creating static bar codes.

- o You use the bar code type to determine the type and structure of the static bar code. You can also specify parameters to control the properties of the bar code and sequence numbers on the label. The default values displayed can be overwritten.
- o The parameters and the corresponding values are defined in the Customizing activity **Specify Parameters for Bar Codes and Sequence Numbers/Data**. If you overwrite the default values, you can verify that your entries are correct.

On the **Sequence Numbers/Data** tab page, you control the output of sequence numbers and sequential data as well as variable bar codes on the label template. This tab page is only displayed when you are creating or editing a label template.

- o You use the output type to specify whether sequence numbers or sequential data are to be output on the label template. You can also specify whether these values are to be output as a bar code.
- o If you want to output the values as a bar code, you need to specify a bar code type, which defines the type and structure of the variable bar code.
- o If you choose to output the values as sequence numbers, you can also specify that the end value of a sequence numbering is to be displayed on the label.
- o For all output types, you can also specify parameters to control the properties of the bar code and sequence values on the label. The default values displayed can be overwritten. The parameters and the corresponding values are defined in the Customizing activity **Specify Parameters for Bar Codes and Sequence Numbers/Data**. If you overwrite the default values, you can verify that your entries are correct.
- o Using **Define Number Range**, you can output different sequence numbering or sequential data on the label template. These are also stored as report symbols.
- o If you choose **End of Seq. Number**, the number of labels to be printed is output. You can only specify the value of the **Font Size** parameter in this case.

Create and Use Building Blocks and Document Templates

On the **Building Block Catalog** tab page, you control the creation and use of building blocks that you incorporate as reference document templates into report templates or insert as copies.

- o In a building block, report symbols, graphics, or repeating groups are combined to form a document template. Individual building blocks must be grouped into a building block group.
- o Building block groups and building blocks are created with a language-independent key and a language-independent name.
- o You can insert building blocks into a report template in one of two ways:
 - If you choose **Insert Building Block as Ref.**, a reference (INCLUDE statement) is inserted into the report template for the building block. You make changes to the structure of the building block in the report template for the building block. Any changes to the building block affect all report templates that contain the corresponding reference. You can use the where-used list to determine in which report templates this applies.
- o If you choose **Insert Bldg Block**, the content of the building block or a copy of the WWI coding is inserted into the template. You can change this data in the opened report template.
- o If you want to store a building block outside the SAP system, you choose **Export Block**. The building block is saved as an RTF file. The administrative information for the building block is written to a separate XML file.
- o If you want to use an exported building block, you choose **Import Block**. You can use the where-used list to determine where the building block called is used.

Error messages are written to the **application log** in subobject BBCATALOG of object EHTE.

Check Label

The **Check Label** function has been added to the **document** menu. You can use this function to check whether a label template can be used for a specific specification. In other words, a label for a specification is simulated in the label template. For more information, see the **Label Check** section in the release note for Global Label Management.

Effects on System Administration

To create and use building blocks, you have to first create user roles and assign these to the users. Authorization object C_EHSR_TPL (EHS: Authorizations for Editing Report Templates) is required for the user roles. This authorization object allows you to assign authorizations for carrying out certain activities in the template editor.

Effects on Customizing

In the Customizing activity **Specify Parameters for Bar Codes and Sequence Numbers**, you specify parameters for bar codes and sequence numbers and assign these to the data elements that you use to edit the label templates. In addition, you can also specify parameter values as default values.

In the Customizing activity **Specify Bar Code Types**, you define the bar code types and assign them the relevant parameters for bar codes and sequence numbers.

Using environment parameter **WWILAYOUT_BBC_PREFIX_REFBLOCK**, you can specify the prefix that is to be added automatically to the name of the report template that is created for referenced building blocks. The first three characters of the prefix specified here are added to the name. If the prefix specified has less than three characters, the standard value INC is used as the prefix.

See also

For more information, see SAP Library *for SAP ERP* on *SAP Help Portal* at <http://help.sap.com> under **SAP ERP Central Component -> Logistics -> Environment, Health and Safety (EHS) -> Basic Data and Tools (EHS-BD) -> Report Definition (EHS-BD-RDF)**.