

# Business Information Warehouse Release Notes

## BW-BCT Business Content and Extractors



**BI Content 3.5.3 Add-On Support Package No. 02**

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# 1. BW-BCT Business Content and Extractors

## 1. Industry Solutions

### 1.1. SAP Defense Forces & Public Security

#### Business Content for Defense Forces & Public Security (new)

##### Use

The following developments and changes to the Business Content for Defense Forces & Public Security are available for the Business Content 3.5.3 SP2:

The *Authorized Materials* InfoArea contains the following new evaluations:

- *Subscribing Org. Areas and Authorized/Actual Materials* (ODF\_MC01\_Q0003)
- *Material to Material Planning Objects* (ODF\_IS01\_Q0001)
- *Components for MPO* (ODF\_IS02\_Q0001)
- *Additional Parts for MPO* (ODF\_IS03\_Q0001)

The evaluations are based on the following new InfoSets and InfoCubes:

- *Material to Material Planning Objects* (ODF\_IS01)
- *Components for the Material Planning Object* (ODF\_IS02)
- *Additional Parts for the Material Planning Object* (ODF\_IS03)
- InfoCube *Subscribing Organizational Areas* (ODF\_C11); this InfoCube enhances the MultiProvider *Authorized/Actual Materials (MPO)* (ODF\_MC01)

The evaluations enable you to determine which components or additional parts are assigned to the MPO selected. Conversely, you can see the MPOs that contain a selected component or additional part.

For an MPO, you can display which material numbers correspond to the MPO (and vice versa).

You can use the enhanced MultiProvider to compare the number of MPOs for an organizational area, the authorized materials, and the actual materials.

In the *Structure* and *Authorized/Actual Personnel* InfoAreas, the following new queries are available:

- *Tasks: Force Element* (ODF\_C11\_Q0001)
- *Tasks: Position* (ODF\_C10\_Q0001)
- *Restrictions for the Position*

These are based on the following InfoCubes:

- *Tasks: Position* (ODF\_C10)

- *Tasks: Force Element (0DF\_C11)*

The evaluations enable you to determine which tasks a position or force element has. You can also use the evaluations to determine the restrictions for a position.

## 1.2. Financial Services

### **BW Business Content for Connecting Feeder Systems to the FDB (New)**

#### **Use**

BI Content 3.5.3 contains Business Content for connecting feeder systems to the Financial Database (FDB). This Business Content provides the basis for populating Bank Analyzer with data from operational SAP systems by means of SAP BW.

Business Content contains the following ODS objects which, in terms of their design, correspond to the structures of the BAPIs used to populate the FDB with data, and the associated update rules from the InfoSources and ODS objects of the respective operational system:

- 0BA\_O01 (Basic Data for a Financial Transaction)
- 0BA\_O02 (Partner Data)
- 0BA\_O03 (Line Data)
- 0BA\_O05 (Key Figures: Amounts)
- 0BA\_O06 (Object Hierarchies)
- 0BA\_O07 (Rating Data)
- 0BA\_O08 (Credit Exposure)
- 0BA\_O09 (Object Relationships)
- 0BA\_O10 (Cash Flow, Header)
- 0BA\_O11 (Cash Flow, Items)
- 0BA\_O15 (Financial Conditions: Categories)
- 0BA\_O16 (Financial Conditions: Individual Conditions)
- 0BA\_O17 (Financial Conditions: Amount Items)
- 0BA\_O18 (Financial Conditions: Interest Rates and Reference Interest Rates)
- 0BA\_O19 (Financial Conditions: Amount Data)

#### Notes:

- How you use Business Content depends greatly upon the Customizing settings made in Bank Analyzer. The update rules for populating ODS objects with data are based on the Business Content of Bank Analyzer.

- It is currently not possible to transfer data directly from ODS objects to the FDB. This means that you have to develop your own programs as part of the implementation process.
- Business Content builds upon the extractors already available in the operative SAP systems. An appropriate infrastructure for Account Management (AM) and Loans Management (CML) has already been realized.

## Delete the *Bank Profitability (US Scenario)* InfoCube

### Use

The InfoCube 0SEMPA\_C2 is to be deleted for the release after next in the BW Business Content for *Profit Analyzer*.

The related update rule CCP69AXJOZIU5192QNP6IE8W has already been deleted for BI Content 3.5.3.

## 1.3. Retail

### POS Data Management (Enhanced)

#### Use

As of Release *BI Content 3.5.3 Add-On SP2*, you can use the following new features and enhancements in the SAP Business Information Warehouse (SAP BW) in **POS Data Management**:

POS Analytics:

There are two new InfoSources, which are based on the existing DataSources 0RT\_PA\_TRAN\_MOV\_FIN and 0RT\_PA\_TRAN\_GDS\_MOV. When using POS Data Management in a standalone SAP BW system, you can receive goods movements and FI movements from the PIPE and then analyze them in SAP BW. To do so, you require additional InfoObjects, which are added to the Business Content.

In the DataSource 0RT\_PA\_43\_PSCAS, the fields CMPCODE and TURNOVER are released for SAP BW.

In the DataSource 0RT\_PA\_44\_POSREC, the following fields are released for SAP BW: BUSINESSLOCATION, CARDTYPE, DISCTYPEGROUP, TAXDEBITFLAG, TOTALSALESAMOUNT, TURNOVER.

The queries 0RPA\_MC02\_Q0001 and 0RPA\_MC03\_Q0001 have been improved.

Three new queries are available: *Store Ranking*, *Means of Payment* and *Markdowns*. You can add additional InfoObjects to all existing InfoCubes in the POS Analytics Business Content so that you can use the new queries.

POS Processing Inbound Engine (PIPE):

Using a new standard task, you can now compare each of the totals transferred for totals transactions with the single transactions.

You can use two more standard tasks for checking the data for missing or duplicate receipt numbers.

From now on you can enhance the means of payment with customer-specific information, as is already possible at header level for POS transactions.

For tasks and logically linked rules you can now define priorities for the execution sequence or prioritization. Until now, the sequence was determined by the sort sequence of the task or rule code, and could not be changed.

A remote DataSource that enables you to access the transaction database directly without updating the data first is still available.

From POS Data Management it is now possible to update the SAP ERP Inventory Management. This refers to POS transactions of type sales, and goods movements. In addition to the method using the regular POS IDocs, this option is intended in particular for standard customers who have not installed SAP Retail. Customizing has been enhanced to include an application-specific part, in which the customer can set all the parameters required for posting in the target system.

## 2. Product Lifecycle Management (PLM)

### Business Content for the Project System (Enhanced)

#### Use

As of *BI Content 3.5.3 Add-On SP2*, the Business Content for the Project System (PS) has been redesigned so that an SAP Business Information Warehouse (SAP BW) system can uniquely identify a PS object (for example, a project definition or a WBS element) using the object's GUID instead of its external ID. The advantage of using the GUID is that it cannot be changed in an SAP system, whereas the external ID can be changed. Previously, if a user changed the external ID of an existing PS object in an SAP system and then uploaded the object to SAP BW, the SAP BW system would create new records for this object instead of updating the existing records. Using the GUID therefore improves the consistency and correctness of reporting in SAP BW for the Project System.

The modified extractors (DataSources) are available as of *SAP R/3 Plug-In 2005.1*

The following objects are new:

#### InfoObjects

0PSGUID GUID: Project System Objects

#### InfoSources

0PROJECT_ATTR	Project Definition - Master Data
0NETWORK_ATTR	Network - Master Data
0ACTIVITY_ATTR	Activity - Master Data
0ACTY_ELEMENT_ATTR	Activity Element - Master Data
0MILESTONE_ATTR	Milestone - Master Data
0COORDER_ATTR	Order - Master Data

The following objects are copies of existing objects:

#### InfoCubes

0PS_C021	Project System - Dates
0PS_C031	Project System - Earned Value
0PS_C041	Project System - Controlling
0PS_C071	Project System - Claims
0PS_C081	Project System - Residual Order Plan

#### ODS Objects

0PS_DS011	Network Header: Line Item Commitment
0PS_DS021	Network Activity: Line Item Commitment
0PS_DS031	Network Activity Element: Line Item Commitment
0PS_DS041	Network Header: Actual Line Item Commitment

0PS_DS051	Network Activity: Actual Line Item Commitment
0PS_DS061	Network Activity Element: Line Item Commitment

**Queries**

0PS_C021_Q0002	Technical Project Overview
0PS_C041_Q0002	Project Overview Report
0PS_C041_Q0005	WBS Element: Costs/Variances
0PS_C041_Q0006	Commercial Project Overview
0PS_C041_Q0008	Project Overview Hierarchical / Residual Order Plan
0PS_C041_Q0009	Project Overview Hierarchy / Settlement
0PS_C051_Q0001	Project Overview Report
0PS_C061_Q0001	Progress Values/Costs
0PS_C071_Q0001	Projects: Claims

**Effects on Existing Data**

The following objects have been changed:

**DataSources**

0PS_CLM_CST	Costs of a Claim
0PS_CSH_NTW	Network Payments
0PS_CSH_NWA	Network Activity Payments
0PS_CSH_ORD	Payments on Orders
0PS_CSH_WBS	WBS Element Payments
0PS_DAT_NAE	Dates Network Activity Element
0PS_DAT_NTW	Network Dates
0PS_DAT_NWA	Network Activity Dates
0PS_DAT_PRJ	Project Dates
0PS_DAT_WBS	WBS Element Dates
0PS_KAP_NAE	Extraction of Capacity Reqrmts for NAE
0PS_KAP_NWA	Extraction of Capacity Rqrmts for NWA
0PS_NAE_EVA	Earned Value for Network Activity Element
0PS_NTW_EVA	Network Activity Earned Value
0PS_NWA_EVA	Network Earned Value
0PS_ORD_EVA	Order Earned Value
0PS_WBS_EVA	Earned Value WBS Element
0NAE_INH_ATTR	
0NTW_INH_ATTR	
0NWA_INH_ATTR	
0ORD_INH_ATTR	
0WBS_INH_ATTR	
0CO_OM_NAE_1	Earned Value WBS Element
0CO_OM_NAE_2	Delta Extraction, Activity Elmts Actuals
0CO_OM_NAE_3	Network Activity Elmt: Comm Line Items
0CO_OM_NTW_1	Network: Costs
0CO_OM_NTW_2	Delta Extraction: Networks Actual Costs
0CO_OM_NTW_3	Network Header: Commitmt Line Items
0CO_OM_NWA_1	Network Activity: Costs
0CO_OM_NWA_2	Delta Extraction, Netw. Act. Actual Csts
0CO_OM_NWA_3	Network Activity: Commitmt Line Items
0CO_OM_WBS_1	WBS Elements: Costs
0CO_OM_WBS_2	WBS Elements: Budget
0CO_OM_WBS_3	WBS Elements: Overall plan



0CO_OM_WBS_4	WBS Elements: Statistical key figures
0CO_OM_WBS_5	WBS Elem.: Selections
0CO_OM_WBS_6	WBS Elements: Actual Costs Through Delta Extraction
0CO_OM_WBS_7	WBS Elements: Commitment Line Items
0CO_OM_WBS_8	WBS Elements: Budget Line Items
0CO_OM_OPA_1	Orders: Costs and allocations
0CO_OM_OPA_2	Orders: Budget
0CO_OM_OPA_3	Orders: Total / Year Plan Values
0CO_OM_OPA_4	Orders: Statistical Key Figures
0CO_OM_OPA_5	Orders: Selections
0CO_OM_OPA_6	Orders: Actual Costs Through Delta Extraction
0CO_OM_OPA_7	Orders: Commitment Line Items
0CO_OM_OPA_8	Orders: Budget Line Items
0CLAIM_ATTR	Claim
0PS_COMPONT_ATTR	Component

### InfoSources

0CO_OM_NAE_1	Network Activity Element: Costs
0CO_OM_NAE_2	Network Activity Element: Actual Costs Using Delta Extrctn
0CO_OM_NAE_3	Network Activity Element: Line Item Commitment
0CO_OM_NTW_2	Network: Actual Costs Using Delta Extraction
0CO_OM_NTW_3	Network: Line Item Commitment
0CO_OM_NWA_2	Network Activity: Actual Costs Using Delta Extraction
0CO_OM_NWA_3	Network Header: Line Item Commitment
0CO_OM_OPA_5	Orders: Res. Anlys
0CO_OM_WBS_5	WBS Elements: Accruals
0PS_CLM_CST	Claim Costs
0PS_NAE_EVA	Earned Value for Network Activity Element
0PS_NTW_EVA	Network Earned Value
0PS_NWA_EVA	Network Activity Earned Value
0PS_ORD_EVA	Order Earned Value
0PS_WBS_EVA	Earned Value WBS Element
0WBS_ELEMT_TEXT	WBS Element - Texts
0PS_DAT_MLS	Dates Milestones
0PS_DAT_NAE	Dates Network Activity Elements
0PS_DAT_NWA	Network Activity Dates
0PS_DAT_NTW	Network Dates
0PS_DAT_PRJ	Project Deadlines
0PS_DAT_WBS	WBS Element Dates
0PS_CSH_WBS	Payments on WBS Elements
0PS_CSH_NWA	Payments on Network Activity
0PS_CSH_NTW	Network Payments

### See also

For more information about Business Content for the Project System, see the SAP Library for *SAP BW* under *SAP NetWeaver -> SAP Business Information Warehouse -> Business Information Warehouse -> BI Content -> Project Lifecycle Management -> Program and Project Management*.

### 3. SAP Global Trade Services

#### Business Content for SAP Global Trade Services 3.0 (New)

##### Use

In the SAP Business Information Warehouse (SAP BW), you can now analyze data from the following areas with the Business Content for *SAP Global Trade Services (SAP GTS) 3.0*:

- Customs processing
- Transit procedures
- Preference processing
- Restitution

Master data and Customizing data is transferred from the *SAP GTS DataSources* to SAP BW InfoSources, using the extractor. The transaction data from the above areas is aggregated from *SAP GTS DataSources* into SAP BW InfoCubes.

The following roles are provided with the assigned queries:

Roles	Queries
SAP_BW_SLL_CUS (GTS: Customs Processing Specialist)	Imports per product Imports per country Import - analysis Imports per customs office Shipments and imports Exports per product Exports per country Export - analysis Exports per customs office Shipments and exports
SAP_BW_SLL_PRE (GTS: Preference Processing Specialist)	Analysis of preference potential
SAP_BW_SLL_RES (GTS: Restitution Specialist)	Restitution per product

ODS:

The new ODS is available: 0SLL\_DS02:(customs document).

InfoCube:

The new InfoCube is available: 0SLL\_C01 (customs document).

For more information on these import and export analyses, see the Business Content by choosing the following menu path in SAP BW: *Administrator Workbench: Modeling -> Info Provider -> SAP Global Trade Services*.

##### Effects on Customizing

You have to make the following Customizing settings in *SAP GTS* to ensure that the relevant transaction data is transferred to the SAP BW system:

In the SAP Reference IMG, choose the following activities:

- *SAP Global Trade Services -> General Settings -> Organizational Structure -> Control Settings at Foreign Trade Organizational Level.*  
Set the *BIW* indicator to active for the foreign trade organization for which you intend to execute reports in SAP BW.
- You have the option of entering a weight unit for each foreign trade organization. If you want to perform analyses across multiple foreign trade organizations in SAP BW, you have to choose the same weight unit for all the foreign trade organizations.
- *SAP Global Trade Services -> SAP Customs Management -> General Settings -> Document Structure -> Define Customs Document Types.*  
Set the *Transfer to SAP Business Information Warehouse Active* indicator.
- *SAP Global Trade Services -> SAP Customs Management -> General Settings -> Document Structure -> Define Item Categories.*  
Set the *Transfer to SAP Business Information Warehouse Active* indicator.

## Business Content for SAP Global Trade Services 3.0 (Enhanced)

### Use

As of support package 02 of the SAP Business Information Warehouse (SAP BW) Business Content 3.5.3 Add-On, you can now analyze data from the following areas with the Business Content for *SAP Global Trade Services (SAP GTS) 3.0*, support package 03:

- Legal controls for imports
- Legal controls for exports

Master data and Customizing data is transferred from the *SAP GTS* DataSources to SAP BW InfoSources, using the extractor. The transaction data from the above areas is aggregated from *SAP GTS* DataSources into SAP BW InfoCubes.

The following role is provided with the assigned queries:

Role	Queries
SAP_BW_SLL_LCO (GTS: Legal Control Specialist)	Imports per product Imports per country Import analysis Exports per product Exports per country Export analysis

ODS (customs document: legal control):  
The new ODS is available: 0SLL\_DS02

InfoCube (customs document: legal control):  
The new InfoCube is available: 0SLL\_C02.

For more information on these import and export analyses, see the Business Content by choosing the following menu path in SAP BW: *Administrator: Modeling -> Info Provider -> SAP Global Trade Services*.

For more release information on existing Business Content for *SAP GTS*, see Release Note BW\_353\_BCT\_GTS\_30 for SAP BW 3.5.3.

## Effects on Customizing

You have to make the following Customizing settings in *SAP GTS* to ensure that the relevant transaction data is transferred to the *SAP BW* system:

- *SAP Global Trade Services -> General Settings -> Organizational Structure -> Control Settings at Foreign Trade Organizational Level.*  
Set the *BIW* indicator to active for the foreign trade organization for which you intend to execute reports in *SAP BW*.
- Enter the same weight unit for all foreign trade organizations concerned to ensure that the weight units from *SAP GTS* can be displayed consistently in *SAP BW* (*SAP BW* cannot convert from different weight units).
- *SAP Global Trade Services -> SAP Compliance Management -> General Settings -> Document Structure -> Define Customs Document Types.*  
Set the *Transfer to SAP Business Information Warehouse Active* indicator.
- *SAP Global Trade Services -> SAP Compliance Management -> General Settings -> Document Structure -> Define Customs Item Categories.*  
Set the *Transfer to SAP Business Information Warehouse Active* indicator.