


BW RTR - FIWC (WBP)

OBSOLETE


 The application was replaced by [BW RTR - FI Working Capital for Solvay Group \(WBP\)](#) /\ Obsolete /\

- General presentation
- General definitions
 - Working Capital definition
 - FIGL functional explanations
 - G/L Accounts
 - Filters in the Working Capital
 - Interco/Intraco
 - Functional explanations
 - Technical explanations
 - Consolidated non obsolete companies
 - Functional explanations
 - Technical explanations
 - Investments
 - Functional explanations
 - Technical explanations:
 - Business Assignments
 - Analyzing Not assigned
 - Currency conversion
- Queries documentation
- Dataflow in BW
 - Dataflow
 - MPR_WC01 and MPR_WC02
 - Authorization objects
- Maintenance : Manual management of Info objects master data

General presentation

This page provides all the technical and detailed documentation concerning the "FIWC" (Finance Working Capital) application in BW, including :

- General overview of the dataflow
- Query, Workbook, Webtemplate and broadcasts documentation
- Maintenance operations : necessary manual updates of master data.

 This page is only for technical or non-end-user information.
End user documentation can be found in the public FIWC documentation : [public FIWC documentation page](#).

General definitions

Working Capital definition

- Global definition:*
The working capital is a **financial indicator** used to measure the Free Cash Flow of the enterprise.

It is equal to the sum of:

- Value of the stocks
- Value of the customer receivables
- Value of the vendor payables

It excludes:

- The investments
- Intracompany
- Intercompany

In Magnitude (FC)/Sesame:

Every month, persons in each company will get the values from RCS/BW for each account and enter it manually in Magnitude.

- Values are entered in local currency. Magnitude then converts to EUR.
- If amounts are not affected to a business unit then they will manually affect the amounts using rules.

FIGL functional explanations

In finance, every document is posted to a General Ledger Account (G/L Account). This GL account depends on the kind of document (stocks will have a set of accounts, AP another set, AR another etc...)

Not all accounts must be taken for the working capital calculation

Most documents are created automatically by the system but some accounts only have manual documents.

Example of an automatic document:

Each time there is an invoice created a document will be created in a G/L account and amount = A

When the invoice is cleared, another document will be created with amount = - A

Example of a manual document:

At the month there may be some "Work In Progress" materials. These are not in the stocks so we don't have a stock value but still need to be valued so a manual document will be created to make sure we don't forget that valuation.

+The working Capital value corresponds to the value of all the open documents in a list of G/L Accounts.

G/L Accounts

We can split the Working Capital in 3 main components, which separates in sub-components. Each is a list of G/L Accounts:

!Attachment Library^WCAppli_html_4a762ba3.gif|height="411" !

Where to find it:

!Attachment Library^WCAppli_html_m55f566b3.gif|height="358" !

+G/L Accounts restitution:

Characteristic	0GL_ACCOUNT
Long description	G/L Account
Short description	G/L Account
Version	<input checked="" type="checkbox"/> A Active
Object Status	<input checked="" type="checkbox"/> Active, executable

Character. Attributes	
Attribute	Long description
0BAL_FLAG	Indicator: G/L Acct
0INCST_FLAG	Indicator: G/L Acct
0LOGSYS	Source System
0SEM_POSIT	Planning Item
0SOURSYSTEM	Source system ID
C_GL_TYPE	GL Account Worki
C_GL_STYP	GL Account Worki

!Attachment Library^WCAppli_html_339e1905.gif|height="35" !

For definition of each field and list of values check the public definition of [GL Account >BW - Business Warehouse.GL Account Master Data]* master data.*

The management of G/L Accounts for Working Capital is done manually by the BW Team.

Filters in the Working Capital

Interco/Intraco

To filter out Intraco and Interco for Payables and Receivables we use the Status of the Trading Partner of the supplier/customer/partner.

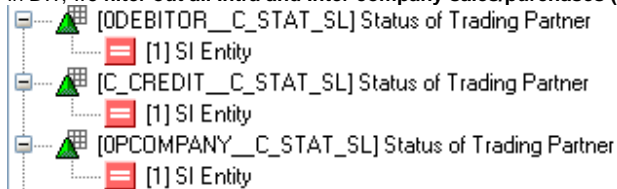
Code	Text	Type
	Third Party Entity	External
1	SI Entity	Interco/Intraco
2	SE Entity	Rhodia non consolidated
3	AS or IP Entity	

In the report we display customers/vendors which corresponding trading partner has a status different from 1.



Note about deleted partners: If an integrated supplier/customer is deleted in RCS, they will remove the status. If the customer/supplier still has an open balance up until 11 months ago then it will be considered external and displayed as working capital. To prevent this, do not delete partners which have an open balance.

In BW, we filter out all Intra and Inter company sales/purchases (Intraco, Interco)



Functional explanations

- For the working capital we are working at the Rhodia group limits. This means that we must not take into account sales or purchases between Rhodia companies.
- Each Rhodia company has a corresponding customer number and trading partner code in RCS and has a status.
- We only look at items for customers / vendors that correspond to non-Rhodia companies or non-integrated Rhodia companies.

Technical explanations

- To filter we use the "Status of the trading partner" of the customer or partner :
- Status is* = Partner is an integrated Rhodia company
- Status is* /3 = Partner is a non-integrated Rhodia company
- No status = Partner is an external supplier/customer

Note: the master data team (MAGDA) is responsible for maintaining the partner and customer status value in RCS

Consolidated non obsolete companies

To filter out the legal entities (Company) which are obsolete or not fully integrated, we will also use the Status of the Trading Partner but this time of the

Code	Text	Type
	Third Party Entity	Obsolete
1	SI Entity	Integrated
2	SE Entity	Rhodia non consolidated
3	AS or IP Entity	

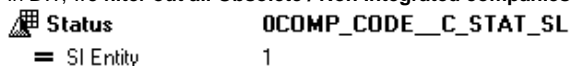
Company.

In the report we only display data for legal entities for which the corresponding trading status is equal to 1.

Note about obsolete companies: the day a company is tagged as obsolete it will completely disappear of the reports! [Even from the historical data](#)

Note about companies partially integrated (Butachimie): BW updates manually a list with a coefficient for each company. Normal companies will have 100%. Partial companies can have a lower percent. In 2010, Butachimie has 50%.

In BW, we filter out all Obsolete / Non Integrated companies



Functional explanations

- We only want to display the values for non-obsolete companies and only for integrated companies.

There is 2 cases:

- The company is obsolete: company no longer exists but there is still some date. We must filter it out.

Ex: 3894 - ZZZZ exBluestar Silica Fra

- The company exists but is not "integrated" to the Rhodia group. We must filter out.

Ex: 1892 - GIE Chimie Salindres

Technical explanations

- To filter we use the "Status of the trading partner" :
- Status is* = Partner is an integrated Rhodia company
- Status is* /3 = Partner is a non-integrated Rhodia company
- No status = Partner is an external supplier/customer or obsolete company
- Normally we do not have this flag on the company code (0comp_code) but only on the Partner code (0company). What we have done is add a routine that will get the status from 0Company and add it to 0comp_code



Note: the master data team (MAGDA) is responsible for maintaining the partner status value in RCS

Investments

To remove all investments from the account payables, we use the Cap Goods Indicator (Or Invest.ID in RCS)

Code	Text
	Non-investment
X	Investment

This indicator, found on the invoice, will be checked (X) if it is an investment. In the report we only show amounts from documents with indicator different from X.

Example of invoice:

The screenshot shows an SAP invoice form. At the top, it says 'Transaction Invoice' with document number '5106756407' and year '2010'. Below are tabs for 'Basic data', 'Payment', 'Details', 'Tax', 'Contacts', and 'Note'. The 'Basic data' tab is active, showing fields for 'Invoice date' (29.12.2009), 'Posting Date' (09.02.2010), 'Amount' (111.646,00), 'Tax amount' (16.222,07), 'Text' (4501049680 / 发票 /), 'Paymt terms' (Due immediately), 'Baseline date' (29.12.2009), and 'Company Code' (7797 Rhodia Fine Chemical QD Qingdao). A 'Reference' field contains '08269973'. There are checkboxes for 'Calculate tax' and 'Invest.ID', with the latter being checked and highlighted by a red box.

Note The indicator is only used for FIAP (Invoices) data. For provisions, the difference between investment/non investment is done by GL Account. There aren't investments in the Stocks and FIAR.

In BW, we filter out the CAPEX / Capitalized goods

Indicator: Cap Goods C_XINVE
 = No #

Functional explanations

- Some purchases (for example projects) are considered as investments and are capitalized.
- The working capital indicator does NOT take into account the capitalized amounts. This amount is in fact reported with the CAPEX indicator (PS)

Technical explanations:

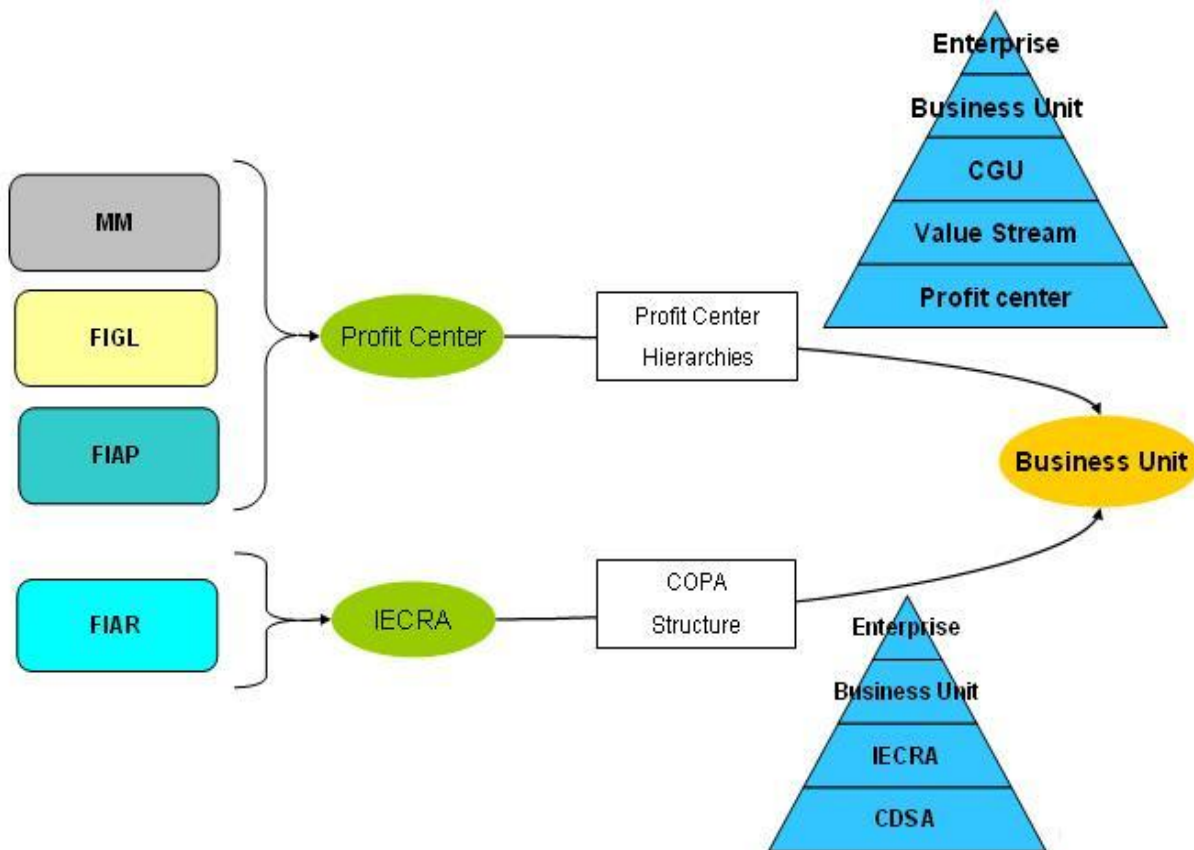
- To filter out all the capitalized purchases we can use the "Indicator : Cap Goods" of the item

1. / NO = Item is not capitalized
X / YES = Item is capitalized and must be removed from working capital amount

Business Assignments

For data coming from FIGL, FIAP and MM, the base of the business assignment is the Profit Center. From the profit center we then use the Industrial Axis to define the business structure.

For data coming from FIAR, the base is the IECRA. From the IECRA we then use the Market Axis to define the business structure.



Example of the profit center hierarchy that is used to define the Industrial Axis.

▼ Rhodia Asia Pacific	0HIER_NODE Z026Z026	Enterprise
▼ NOVECARE	0HIER_NODE Z0267747-Z0011	Business Unit
▼ NOVECARE - WUXI	0HIER_NODE Z0267747-E0020	CGU
▼ CSCGU073 Novocare - 7747	0HIER_NODE Z0267747-C0073	Value Stream
▼ WUXNCO71 WSSP Amphoteric Wuxi	0HIER_NODE Z0267747-VNC71	Profit Center
▲ 8034 WSSP Amphoteric - VNC71	0PROFIT_C... Z0267747-J0449	

Analyzing Not assigned

+On MM (Stock data):

- If there is a profit center
- Profit center may be linked to no Business Unit in the hierarchy* Verify the hierarchy
- Profit center is linked to a Non Assigned business unit in the hierarchy* Verify the hierarchy
- There is no profit center
- The material/plant master data has no profit center assigned to it* Update the master data

+On FIAP/FIGL data:

- If there is a profit center
- Profit center may be linked to no Business Unit in the hierarchy* Verify the hierarchy
- Profit center is linked to a Non Assigned business unit in the hierarchy* Verify the hierarchy
- There is no profit center
- The document is a manual document without analytical element (profit center, cost center, order or WBS element)* Check with local finance why a manual document and why no element .

+On FIAR data:

- There is no IECRA
- The RCS program was not able to find a CDSA for the document. May be a manual document
- à * heck with local finance why a manual document and why no element*.

+Non assigned in Single-Business unit company :

If you have non-assigned values for companies which should be 100% assigned to a single business unit, contact the BW team: it is possible to set a default BU by company.

Currency conversion

The BW working capital reports are all based on amounts in **Local Currency** Those amounts come directly from RCS.

If user selects a currency in the prompt the query will convert, otherwise it will return the values in local currency.

This conversion is based on the **ZRHO rate** (coming from RCS).

- See private documentation on [BW Currency Conversion](#)

The **current available rate** s applied to **ALL data** (even past data) independently of the date.

Example :

▪ If we execute today=19.02.2008 → DATEWC00 = 18.02.2008

Rate used will be 0.78 for ALL documents

Document number	Posting Date	Val DEC 2008 USD	Val JAN 2009 USD	Val 19/02/2009 USD
2004274	10.01.2009		1 000	1 000
2003290	09.02.2009			10 000
2006276	27.12.2008	10	10	10
2006278	16.10.2008	100	100	100

Valid from	Rate €/€
31.01.2009	0,78
31.12.2008	0,72

Val DEC 2008 Conv to EUR	Val JAN 2009 Conv to EUR	Val 19/02/2009 Conv to EUR
	780	780
		7 800
8	8	8
78	78	78

For base amount we use the **Debit/Credit Amount 0DEB_CRE_LC** or FIGL/FIAR/FIAP data and the Stock Value for IM data.

We then apply conversion type **ZRH2 for Working Capital** - CTK_ZRHWC :

- Based on * ate ZRHO* :

ZRHO

Monthly valuation consolidation rate

- Uses the rate available for date = * revious Day Exit (Working Cap) -* DATEWC00

DATEWC00

Previous Day Exit (Working Cap)

- We use the target currency from variable * urrency (Single Value, Optional)*- CURVAR01

CURVAR01

Currency (Single Value, Optional)

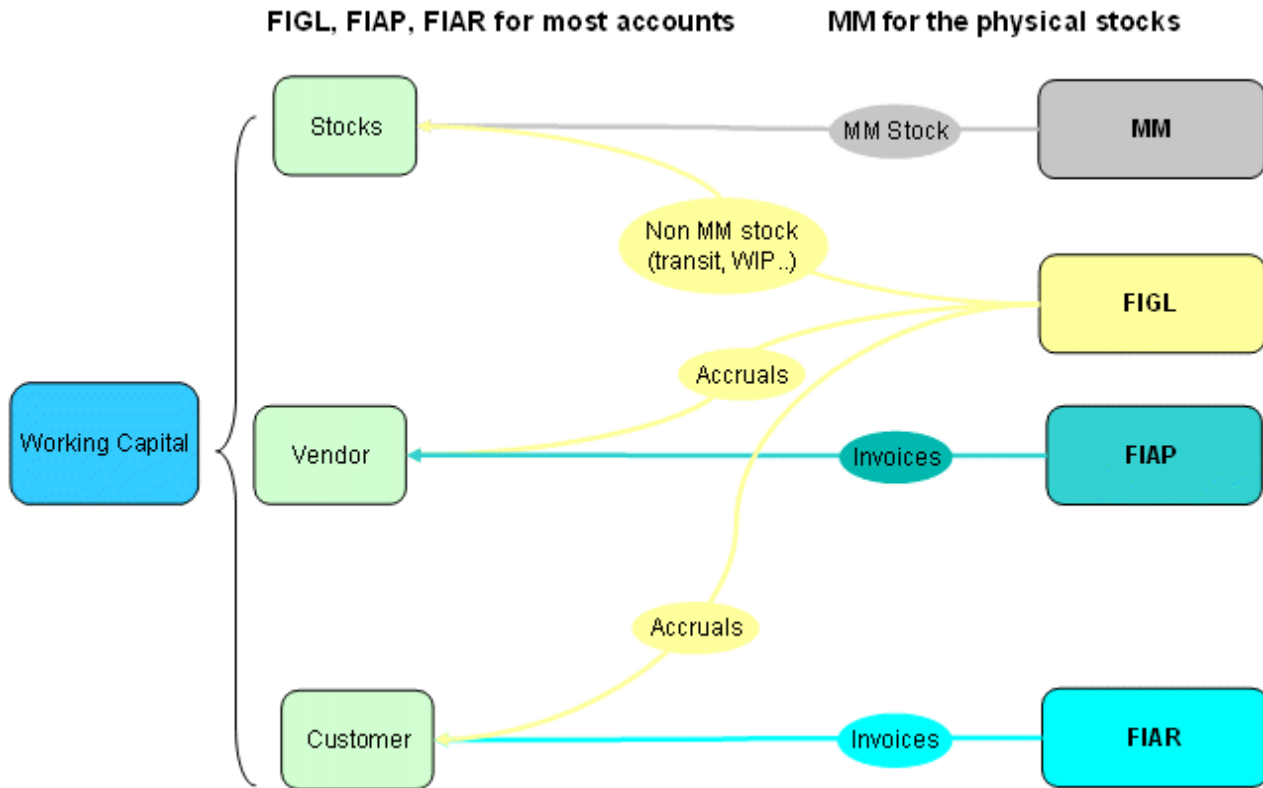
Queries documentation

- BW - Working Capital for GBU Webtemplate
- BW - Working Capital for GBU (Core Workbook)

Dataflow in BW

Dataflow

For the BW Working Capital we use 4 sources of data:



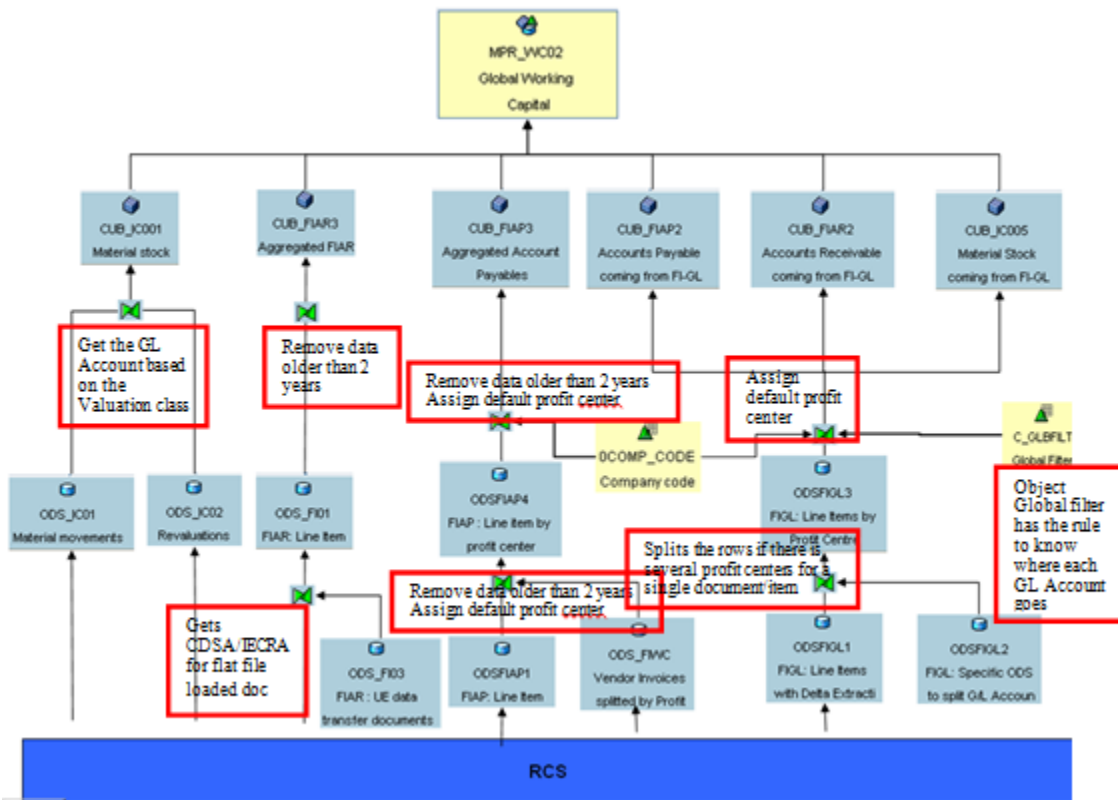
Vocabulary:

FIGL: General Ledger

FIAP: Account Payable

FIAR: Account Receivable

Technical dataflow:



MPR_WC01 and MPR_WC02

Those 2 multiproviders are identical. The only difference is the authorization objects. They should have some providers in source, same key figures and same navigational attributes

Authorization objects

- MPR_WC02 Global Working Capital (Access by GBU) :

InfoProvider:

Authorization Objects	
S	Authorization Obj. Description
<input checked="" type="checkbox"/>	Z_GBU Authorization for Global Business Unit
<input type="checkbox"/>	Z_GBUPS Authorisation for GBU for PS
<input type="checkbox"/>	Z_PERSAREA Authorization object by personal area
<input type="checkbox"/>	Z_PLANT

In MPR_WC02 the authorisation objectif is only the GBU. This is because the target population is usually zone-wide or world-wide on 1 single business. Idea is to allow them to run the report on their perimeter without having to enter all the companies (in some cases dozens).

- MPR_WC01 Global Working Capital (Access by Company code)

InfoProvider: MPR_WC01

Authorization Objects			
S...	Authorization Obj.	Description	
<input checked="" type="checkbox"/>	Z_COMPCODE	Company code FI and TR	▲
<input type="checkbox"/>	Z_CO_AREA		▼
<input type="checkbox"/>	Z_PLANT		

In MPR_WC01 the authorisation access is only by company. This is because the target population (Accounting/site controlling) is usually GBU-wide on a single company. Specially these users need to be able to see the data that is not assigned to any GBU.

Maintenance : Manual management of Info objects master data

+0COMP_CODE – Company code:

- Contribution percentage (C_CONTRIB): 100 normally. Can be 0 for obsolete companies. Other value if company has a partial contribution (Ex : Butachimie = 50)
- Default Profit Center (C_DEFPCTR): Default profit center for FIGL/FIAP data when there is no profit center or a dummy profit center (9999).
- Default Controlling Area (C_DEFAREA) : Controlling area of the default profit center

+0GL_ACCOUNT – GL Account:

- GL Account Working Capital Type (C_GL_TYPE) : Type of the GL Account (stock, FIAP, FIAR)
- GL Account Working Capital SubType (C_GL_STYP): Sub type of the GL Account.
- Magnitude Account (C_MGN_ACC): Code of the magnitude account mapped to this GL account.

+C_GLBFLT – Global filter:

- Contains the list of rules used to know for all GL Accounts where they must be loaded (FIAP, FIAR or STOCK)