

Customer with Overdue AR Process

SEI Templates Functional Specification

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1 Revision history

Date	Who	Description
2013/06/27	Johann Salas	Document creation
2013/07/09	Edgardo Mejia	Document Update

2 Business need

The Customer with Overdue AR process provides with useful fields to manipulate data around the invoices to be paid by customers. The report of Customer with Overdue AR gives the amount original and due to be paid per date and document, more information can be extracted from the Sage ERP X3 databases using this process.

3 Constraints & restrictions

- This process is only compatible with Sage ERP X3 V6 and V7.
- Views associated to the process must be created prior installation.
- New prompts associated to the process must be created prior installation.

4 Technical specification

4.1 Involved tables/views

Element	Alias	Type
GACCDUDATE	GACCDUDATE	Fact Table
COMPANY	COMPANY	Table
FACILITY	FACILITY	Table
BPARTNER	BPARTNER	Table
ZTABCHANGE	ZTABCHANGE	Table
GACCENTRY	GACCENTRY	Table
APLSTD	APLSTD	Table

4.2 Joins between tables

From Table Name	From Table Alias	Type of Join	Linked Table	Linked Alias	Join
GACCDUDATE	GACCDUDATE	Left	COMPANY	COMPANY	GACCDUDATE.CPY_0 = COMPANY.CPY_0
GACCDUDATE	GACCDUDATE	Left	FACILITY	FACILITY	GACCDUDATE.FCY_0 = FACILITY.FCY_0
GACCDUDATE	GACCDUDATE	Left	BPARTNER	BPARTNER	GACCDUDATE.BPR_0 = BPARTNER.BPRNUM_0
GACCDUDATE	GACCDUDATE	Left	GACCENTRY	GACCENTRY	GACCDUDATE.TYP_0 = GACCENTRY.TYP_0
GACCENTRY	GACCENTRY	Left	ZTABCHANGE	ZTABCHANGE	GACCENTRY.NUM_0 = ZTABCHANGE.NUM_0
GACCDUDATE	GACCDUDATE	Left	APLSTD	APLSTD	GACCDUDATE.CUR_0 = APLSTD.CUR_0

4.3 Specific Joins

Linked Alias	Linked Field	Operator	Specific Value
APLSTD	LANCHP_0	Equal	644
APLSTD	LANNUM_0	Greaterthan	0
APLSTD	LAN_0	Equal	@CurrentLang;

4.4 Fields

Table	Alias	Field	Description	Type	Prompt
GACCDUDATE	GACCDUDATE	CPY_0	Company Code	Dimension	Yes
COMPANY	COMPANY	CPYNAM_0	Company Description	Description	No
GACCDUDATE	GACCDUDATE	FCY_0	Site Code	Dimension	Yes
FACILITY	FACILITY	FCYNAM_0	Site Description	Description	No
GACCDUDATE	GACCDUDATE	FIY_0	Fiscal Year	Dimension	Yes
GACCDUDATE	GACCDUDATE	PER_0	Fiscal Period	Dimension	Yes
GACCDUDATE	GACCDUDATE	DUDDAT_0	Due Date	Dimension	No
*SERVER	*SERVER	FLD0000002	Age	Measure Calculated	No
GACCDUDATE	GACCDUDATE	BPR_0	Partner Code	Dimension	Yes
BPARTNER	BPARTNER	BPRNAM_0	Partner Description	Description	Yes
GACCDUDATE	GACCDUDATE	BPRTYP_0	Partner Type	Dimension	Yes
APLSTD	APLSTD	LANMES_0	Partner Type Description	Description	No
GACCDUDATE	GACCDUDATE	NUM_0	Document Number	Dimension	No
GACCDUDATE	GACCDUDATE	CUR_0	Currency	Measure	No
GACCDUDATE	GACCDUDATE	AMTCUR_0	Original Amount	Measure	No
*SERVER	*SERVER	FLD0000001	Due Amount	Measure Calculated	No
*SERVER	*SERVER	FLD0000004	Original Global Amount	Measure Calculated	No
*SERVER	*SERVER	FLD0000003	Due Global Amount	Measure Calculated	No

4.5 SQL Views

No views are required for this process.

4.6 Prompts

Name
Company
Facility (Site)
Fiscal Year
Fiscal Period
Partner
Partner
Partner Type

4.7 Calculated fields

Field	Description	Type	Prompt	Expression
FLD0000002	Age	Measure Calculated	No	Datediff(DAY,GACCDUDATE.DUDDAT_0,Getdate())
FLD0000001	Due Amount	Measure Calculated	No	GACCDUDATE.AMTCUR_0 - GACCDUDATE.PAYCUR_0 - GACCDUDATE.TMPCUR_0
FLD0000004	Original Global Amount	Measure Calculated	No	ZTABCHANGE.RAT_0*GACCDUDATE.AMTCUR_0
FLD0000003	Due Global Amount	Measure Calculated	No	ZTABCHANGE.RAT_0*(GACCDUDATE.AMTCUR_0 - GACCDUDATE.PAYCUR_0 -GACCDUDATE.TMPCUR_0)

4.8 Recommended Links

Customer with Overdue AR can be linked to the following processes:

- GL Transaction Details with the field NUM.
- Invoice Analysis with the fields NUM and BPR

4.9 Notes:

Quantity fields in this process must be handled with caution. They have been summed up in order to appear in grouped lines; however, the values will only be significant if the sums are done on the same units.

When working with data in a multi-company and/or multi-currency data environment, some fine tuning is necessary. The fields containing prices and other numbers that are related to a particular currency are gathered as they are entered at the transaction level. Adjustments may be needed to compare different currencies, such as applying rates to bring all data to the same currency.