

# Delivery Performance Process

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## 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 Delivery Performance process provides useful fields to manipulate data around the deliveries transactions, statistics such as the deliveries performance by order contains information about the planned and actual shipping date and days delay, 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
SDELIVERYD	SDELIVERYD	Fact Table
SORDERQ	SORDERQ	Table
FACILITY	FACILITY	Table
BPCUSTOMER	BPCUSTOMER	Table
COMPANY	COMPANY	Table
SALESREP	SALESREP	Table
ATEXTRA	ATEXTRA	Table

**4.2 Links between tables.**

From Table Name	From Table Alias	Type of Join	Linked Table	Linked Alias	Join
SDELIVERYYD	SDELIVERYYD	Left	SORDERQ	SORDERQ	SDELIVERYYD.SOHNUM_0 = SORDERQ.SOHNUM_0
SDELIVERYYD	SDELIVERYYD	Left	FACILITY	FACILITY	SDELIVERYYD.SOPLIN_0 = FACILITY.SOPLIN_0
SDELIVERYYD	SDELIVERYYD	Left	BPCUSTOMER	BPCUSTOMER	SDELIVERYYD.SQSEQ_0 = BPCUSTOMER.SQSEQ_0
SDELIVERYYD	SDELIVERYYD	Left	COMPANY	COMPANY	SDELIVERYYD.STOFCY_0 = COMPANY.FCY_0
SDELIVERYYD	SDELIVERYYD	Left	SALESREP	SALESREP	SDELIVERYYD.BPCORD_0 = SALESREP.BPCNUM_0
SDELIVERYYD	SDELIVERYYD	Left	ATEXTRA	ATEXTRA	SDELIVERYYD.CPY_0 = ATEXTRA.CPY_0

**4.3 Specific Joins**

Linked Alias	Linked Field	Operator	Specific Value
ATEXTRA	CODFIC_0	Equal	'ITMMASTER'
ATEXTRA	ZONE_0	Equal	'DES1AXX'
ATEXTRA	LANGUE_0	Equal	@CurrentLang;

**4.4 Fields**

Table	Alias	Field	Description	Type	Prompt
SDELIVERYYD	SDELIVERYYD	CPY_0	Company Code	Dimension	Yes
COMPANY	COMPANY	CPYAM_0	Company Description	Description	No
SDELIVERYYD	SDELIVERYYD	STOFCY_0	Site Code	Dimension	Yes
FACILITY	FACILITY	FCYAM_0	Site Description	Description	No
SDELIVERYYD	SDELIVERYYD	REP1_0	Salesrep Code	Dimension	Yes
SALESREP	SALESREP	REPAM_0	Salesrep Description	Description	No
SDELIVERYYD	SDELIVERYYD	ITMREF_0	Product Code	Dimension	Yes
ATEXTRA	ATEXTRA	TEXTE_0	Product Description	Description	No
SDELIVERYYD	SDELIVERYYD	SOHNUM_0	Order Number	Dimension	No
SDELIVERYYD	SDELIVERYYD	BPCORD_0	Sold-To Code	Dimension	Yes
BPCUSTOMER	BPCUSTOMER	BPCAM_0	Sold-To Description	Description	No
SDELIVERYYD	SDELIVERYYD	SOPLIN_0	Order Line	Dimension	No
SORDERQ	SORDERQ	SHIDAT_0	Planned Ship Date	Dimension	No
SDELIVERYYD	SDELIVERYYD	SHIDAT_0	Actual Ship Date	Dimension	No
*SERVER	*SERVER	FLD0000001	Days Delay	Measure Calculated	No

**4.5 Calculated fields**

Field	Description	Type	Prompt	Expression
FLD0000001	Days Delay	Measure Calculated	No	Datediff(day,SDELIVERYYD.SHIDAT_0,SORDERQ.SHIDAT_0)

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#### 4.6 SQL Views

This process does not require any additional SQL view.

#### 4.7 Prompts

List of required prompts for this process:

Name
Company
Facility (Site)
Salesrep
Item
Customer

#### 4.8 Recommended Links

Sales Delivery can be linked to the following processes:

- Delivery Process with the fields: SOHNUM and SOPLIN.
- Product Process with the field ITMREF.
- Business Partner Process with the field BPCORD

#### 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.