



Connector Pack (v1.13) for SAP Business One 2007 enables extracting customer and product data from SAP and loading sales orders to SAP.

Basic configuration includes XSLT scripts to transform data from SAP B1 DI Server XML format to Smilehouse Workspace XML and vice versa.

Extended functionality allows to import any type of business object to SAP B1 and to perform company database queries via DI Server. The XSLT scripts can also be modified to transform SAP B1 and Workspace XML data to any desired format.

Connector Pack for **SAP Business One**

About SAP Business One and Workspace

- SAP Business One is an integrated, affordable business management solution designed specifically for small and midsize businesses.
More info: www.sap.com/solutions/sme/businessone/
- Workspace is a packaged e-commerce software for creating web shops and online stores.
More info: workspace.smilehouse.com

Basic Connector Pack features

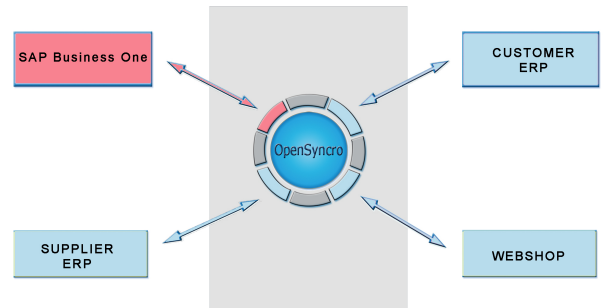
- Connector Pack enables building batch transfer integrations to SAP Business One system using provided OpenSyncro scripts and components.
- The basic installation includes XSLT for transforming SAP B1 customer and product data to Smilehouse Workspace format and Workspace order data to SAP B1 format.
- Modifying the XSLT enables building custom transformations to any desired format.
- Extended functionality includes importing any type of SAP B1 business object in DI Server's native XML format and running free SQL queries in the company database. Also any single DI Server Data Retrieve command can be executed.
- Using the Connector Pack, setting up OpenSyncro data transfer Pipes between Smilehouse Workspace e-commerce software and SAP Business One is easy.
- Please refer to OpenSyncro documentation to find out about the other tools OpenSyncro offers for integrators.

Target group

- Companies that use SAP Business One and need to build integrations to other enterprise applications.
- IT consultancies providing integration solutions to SAP Business One and/or Smilehouse Workspace customers.

Business Case

- For example OpenSyncro could extract product data from suppliers systems and load this to both web shop and corporate customers ERP systems.
- Purchase orders from web shop and corporate customers can be loaded to SAP Business One.



Configuration and deployment

- Configuration and testing of customer and product data transfers usually take 1-2 working days each. For sales order transfers the estimation is 2 working days.
- When building integration to Smilehouse Workspace, setting up customer, product and sales order integration using this Connector Pack consists of the following tasks:
 - Add customers to SAP B1 and define VAT groups, payment methods, payment and delivery expense codes.
 - Set up an HTTP interface for SAP B1 DI Server (an ASP script for Microsoft IIS provided).
 - Create new OpenSyncro Pipes for customer, product and sales order integrations.
 - Configure OpenSyncro Pipe components: customize SAP B1 - Workspace field and code mapping.
 - Schedule OpenSyncro Pipe execution.

Features

- Extract customer and product data from SAP
- Transform customer and product data with XSLT
- Load customer and product data to Workspace or other system using e.g. FTP or HTTP
- Extract order data from a Workspace web shop
- Extract order data from other system using e.g. FTP or HTTP
- Transform order data with XSLT
- Load order data to SAP B1.
- Load other type of business object XML to SAP B1.
- DI Server's Data Manipulation commands Add, Update, Remove, Cancel and Close Object are supported.
- Perform any single DI Server's Data Retrieve command and process the XML response using other OpenSyncro components. For example free database queries are possible with ExecutesSQL command.

Software requirements

- SAP Business One 2007 or 2005, with DI Server
- Microsoft IIS web server
- OpenSyncro 1.3
- Workspace 1.6 (if applicable)

Known restrictions

- The following sales order data fields can not be currently imported to SAP B1:
 - VAT of order's delivery costs
 - Email address, phone number
- Product data export: Workspace's product options not supported (no direct match in SAP B1)



Connector Pack contents and pricing

- Connector Pack for SAP Business One is shipped as a ZIP archive that contains installation instructions, components and scripts required to set up OpenSyncro customer, product and sales order transfer Pipes.
- The components' extended features of importing any type of SAP B1 business object and performing DI Server's Data Retrieve commands are also included.
- The price for component pack is 3.000 EUR. Price includes also commercial license of OpenSyncro.
- Annual maintenance fee is 600 EUR. Maintenance includes rights to Connector Pack updates.
- VAT will be added if applicable.

How to proceed?

- SAP B1 and DI Server should be up and running.
- Set up HTTP interface for DI Server (ASP script for Microsoft IIS web server included).
- Install OpenSyncro.
- Set up OpenSyncro data transfer Pipes according to Connector Pack's instructions.
- Test integration with default settings.

Default mapping in XSLT

SBO BusinessPartner ->	Workspace Customer
CardCode	ID
User field: WSLogin	Login name
Password	Password
GroupCode (mapping table available)	Primary customer group
CardName	Name
Street (ShipTo)	Street address
ZipCode (ShipTo)	Postal code
City (ShipTo)	Postal office
Phone1	Phone number
Fax	Fax number
CardCode	WS Custom Question #1: SBO

SBO Item ->	Workspace Product
ItemCode	ItemCode
User field: WSPath	Product group(s)
ItemName	Product name
User_Text	Infotext 1
ForeignName	Title 1
CardCode	Supplier ID
Manufacturer	Manufacturer ID
ItemWarehouseInfo/ (Webshop_Warehouse)/ InStock	Inventory amount
ItemWarehouseInfo/ (Webshop_Warehouse)/ MinimalStock	Alarm limit
<configurable>	Alarm text
<ItemCode with prefix&suffix>	Product picture 1 URL
SalesVATGroup	VAT percentage
Items_Prices/ (Webshop_Pricelist)/Price	Price
Items_Prices/ (Price_list_1-10)/Price	Price group 1-10
MinimalOrder (smallest of all warehouses)	Order amount/Minimum
SalesPackagingUnit	Packaging/Unit type
SalesQtyPerPackUnit	Packaging/Package size

Default mapping in XSLT

SBO Sales Order <-	Workspace Order
Business Object type	'17' ('oOrders')
DocType	'I'
Handwritten	'tNO'
DocNum	(generated by SBO)
OrderDate	Time (yyyyMMdd)
DocDate	Time (yyyyMMdd)
DocDueDate	Time (yyyyMMdd)
CardCode	WS Custom Question #1: SBO BusinessPartner
CardName	Company name
Address	Street Address + Postal Code + Postal Office +
Country	
NumAtCard	ReferenceNumber
DocCurrency	Currency code
DocTotal	Order total
Comments	"WS Ordered by: <person's name>"
TransportationCode	Delivery method
PaymentMethod	Payment method
Order rows:	
ItemCode	ItemCode
ItemDescription	Product name
Quantity	Quantity
LineTotal	Basket (Product) total
FreeText	Product options
Delivery costs:	
ExpenseCode	Delivery expense code
LineTotal	Delivery cost
DistributionMethod	'T'
Payment costs:	
ExpenseCode	Payment expense code
LineTotal	Delivery cost
DistributionMethod	'T'