

Volume

1

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Arena
Sage 100ERP
Integration Adapter

THIS CUSTOM PROGRAM INCLUDES AN ADAPTER THAT INTEGRATES THE ARENA BILL OF MATERIAL AND ITS COMPONENT(S) WITH THE ITEM AND BOM MASTER FILES IN SAGE 100

MILLENNIUM ACCOUNTING SOLUTIONS

Program Guide

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Arena Sage 100 Integration Adapter

This adapter monitors the designated folder in the Sage server for any new data source generated by the Arena ERP Exchange. It compares the data included in the data source to the Sage 100 Item/BOM master files. If new Item(s)/BOM(s) are created in Arena with a valid Product Line, it transfers the new Item(s)/BOM(s) to Sage 100 ERP. If the Item(s) already exists in the Sage 100 ERP, it updates the Item Master file with the new properties of the item(s). If an existing BOM with a new revision is included in the data source, it adds the new BOM Revision to the BOM Master file in Sage 100.

Optional: In addition, the Arena Sage 100 ERP Integration Adapter updates the Item Vendor file in Sage 100 for up to three manufacturers and three suppliers if there are valid Vendor Numbers included in the Arena ERP Exchange Output data source.

Finally, the adapter generates and emails log files to the end users including the details for Item(s), BOM(s), and Item Vendor(s) that were updated in Sage 100 ERP.

All of this takes place seamlessly without the user's intervention.

This program resides on the Sage 100 ERP Server which can be installed on any of the following windows operating system:

- MS Windows 2012 R2
- MS Windows 2008 Server with Service Pack2

MS SQL Server Standard

The adapter utilizes the MS SQL Server Agent and SQL Server Integration Services (SSIS) for integration and synchronization schedules. All version of the Standard SQL Server 2008 and above are supported

Sage 100 Requirements

The VI Module must be installed as part of SAGE 100 installations. All versions of Sage 100 ERP 2013 and above are supported. There are no modifications to the Sage 100 application program source codes.

Arena Requirements

The Arena Professional Version does not have the ERP Exchange Adapter included. It must be purchased separately.

The Arena Enterprise Version includes the ERP Exchange Adapter and it does not have to be purchased separately.

Data source and data fields from Arena ERP Exchange

The Arena ERP Exchange generates data sources when new or revised items/BOMs /Item Vendors are entered in Arena and submitted to the ERP Exchange.

The Arena-SAGE 100 Integration Adapter program parses through the data source file from Arena and creates a new data source file to be imported to SAGE 100. The VI automated jobs process the data source, create/updates the current version of BOMs, and generates and emails the integration job log logs to the end user.

The process for the above is orchestrated by series of steps in MS SQL Agent job.

Below is a list of data fields that are that are updated in SAGE 100 for each appropriate master file:

CI Item

Item_Code

Description

CategoryX (X is 1 thru 4)

Product_line

Optional: Valuation (if different than default from P/L)

Prim_Vendor_no

BOM Master File-

Bill_Number

Bill_Revision

Descrip_1

Current_Rev

Item_Code

Qty_per_Bill

Item Vendor File-

Item_Code

Vendor_No

Vendor_Part_No

MS SQL Agent Job/Steps

The screenshot displays the 'Job Properties - Areal_Sage_Integration' dialog box. The 'Steps' tab is active, showing a list of 11 job steps. The 'Connection' section shows the server as APP01 and the connection as LG\ktabrizi. The 'Progress' section shows the job is 'Ready'.

St...	Name	Type	On Success	On Failure
1	Archive and Remove the Arena erp_Exchan...	PowerShell	Go to the...	Quit the job...
2	Wait_2	Transact...	Go to the...	Quit the job...
3	Run the BOM_ITEM_MASTER_Production	ActiveX ...	Go to the...	Quit the job...
4	Wait_3	Transact...	Go to the...	Quit the job...
5	Archive and Remove BOM_Item.CSV	ActiveX ...	Go to the...	Quit the job...
6	Remove_VI_LogFiles	ActiveX ...	Go to the...	Quit the job...
7	Wait_4	Transact...	Go to the...	Quit the job...
8	Run the Import to Sage	PowerShell	Go to the...	Quit the job...
9	Wait_5	Transact...	Go to the...	Quit the job...
10	Remove BOM_ITEM_Import.CSV	ActiveX ...	Go to the...	Quit the job...
11	email the VI Log files	ActiveX ...	Quit the j...	Quit the job...

Move step: Start step: 1:Archive and Remove the Arena erp_Exchange_Download file

Buttons: New... Insert... Edit Delete OK Cancel

Hardware/Software Configuration

