

NO DOUBLE ENTRY

SAP-Magento Data Synchronization



Let SAP be your single, official data source. →



Corevist has developed a utility that allows data synchronization of material master data between SAP and Magento. This permits companies to automatically update their Magento catalog data by simply making data changes in SAP. Whether your company makes changes frequently throughout the day or very rarely, your web content experts can rest easy knowing they will always be in sync with SAP.



Highlights of the Interface

MATERIALS WHICH BECOME FLAGGED for deletion or set to an inactive status can be filtered from the Magento catalog or automatically shifted to a “clearance” category. Removal of deletion flags, creation of new materials, or re-activation of products are also automatically reflected in the catalog.

The frequency with which the website is updated is dictated by your company’s needs. Updates are typically done daily but can be hourly or possibly more frequently depending upon the size of the data being synchronized.

Data is communicated over FTP or SFTP from your SAP server to your Magento server securely with built in rich logging and statistical reporting both in SAP and on the Magento server.

Synchronization is multi-lingual, multi-currency, and conversion of units of measure are supported.

Examples of automatic data synchronization

- Changes to material descriptions, characteristics, material group, minimum delivery quantity, weight, size dimensions, product hierarchy assignment and more. Through customization, we can also synchronize data stored in SAP Z-tables as needed.
- Long texts maintained in the material master are communicated to the catalog in html format.
- Changes to pricing can be handled in a couple of manners. If your company uses a single price for a product, much like an MSRP, we can synchronize that price as part of master data. If your company has complex pricing with different gross pricing for each customer, we typically use our sales order simulation engine to determine the gross and net price in real time.

Client Obligations

- Provide a directory on your SAP servers to which we can write files.
- Give us access to pull the files using an FTP or SFTP connection, or provide a script to push the files to the Magento server upon the appearance of a "signal file".
- Provide sample data and feedback on data fields to be synchronized and their source.

SAP-Magento Data Sync Key Points

TYPES OF SYNCHRONIZED DATA	<ul style="list-style-type: none">• Standard Material Master data – dimensions, product hierarchy, units of measure, deletion flags, blocking data, overall status, sales status, plant data, sales area data, long texts• Customized master data – Characteristics/Classification, Z table data• High level pricing if applicable to your business model• Availability / quantity on hand if applicable to your business model
SYNCHRONIZATION TRIGGERS	<p>Frequency customized for performance and your company's needs. Options include:</p> <ul style="list-style-type: none">• Batch – Hourly, Daily, customized for performance and the needs of your company• Real-time – change pointers to update upon user changes in SAP at the time of save• Manual – planning a mass update? Trigger the Magento sync via simple transaction code
TIME TO IMPLEMENT	<ul style="list-style-type: none">• Out-of-the-Box solution implemented in 1 week• Typical implementation with custom fields completed in 3 weeks
TECHNOLOGY	<ul style="list-style-type: none">• ABAP data extraction engine uses simple flat files with date/time stamps• FTP/SFTP data transfer between your SAP server and the Magento host• Standard Magento .CSV file import utilities permit 100% uptime and live data loading
MARKETING CONTROL RULES-BASED CATEGORIES	<p>Assign website categories based on data</p> <ul style="list-style-type: none">• Ex. Low inventory items flagged as "Limited availability"• Deletion flags or blocks mapped to "Clearance"
SINGLE POINT OF MAINTENANCE	<ul style="list-style-type: none">• SAP Material Master is your single source of data entry/maintenance• Marketing / Sales content can be in SAP or Magento• Language independent
PRICING	<ul style="list-style-type: none">• Simple pricing can be synchronized for faster user experience<ul style="list-style-type: none">» MSRP business model with simple gross allows users to search by price or price range» Final checkout price would then be driven by discounts assigned based on your customer sales hierarchy in real-time• Complex pricing is determined in real-time<ul style="list-style-type: none">» Multiple access sequences and condition tables in SAP are more performance intensive, but accuracy in real-time is achieved
VIDEO, IMAGES, CAD	<ul style="list-style-type: none">• Image and video assets can be managed in one of three ways:<ul style="list-style-type: none">» Stored in SAP, and automatically fed to your site» Stored and managed through the Magento content management interface» Fed from your PIM or 3rd party catalog software



Visit www.corevist.com to schedule a demo today.



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