

SAP S/4 HANA and Magento Integration



SAP S/4 HANA AND MAGENTO INTEGRATION

Synchronization Points

Business Partner

B2C Customers and Guest Customers

B2C customers are supported using a one-time customer within SAP S/4 HANA. So various orders within SAP S/4 HANA use the same B2C customer number, however, the individual customer information, as well as their address details, are stored within the respective orders. This helps your organization to capture accurate details without having your master data explode.

B2B Customer

Existing B2B customers can be sent from SAP S/4 HANA to Magento, and the contact persons automatically get registered on Magento as users. They can order on behalf of the company. Based on the function of the contact person you can set a filter on which contact person must go to Magento. You can also set up an approval mechanism to have one type of contact person approve the order before it is downloaded into SAP S/4 HANA.

The following information also gets synced with B2B customer.

- Company General details like Name, address, email ID
- Contact persons associated with the company along with their details like role.
- Ship to locations of the company
- Credit Information

SAP S/4 HANA is considered the source for B2B customer master. No changes are allowed within Magento.

Pricing

Retail price sync for B2C customer

Retail price is supported through a one-time customer. This feature simulates the price based on a one-time customer. We will be fetching the price based on that customer from SAP S/4 HANA and syncing it periodically to Magento.

Real-Time Price Sync for B2B customer

Customer-specific pricing will be shown at the Magento front end fetched from SAP S/4 HANA in real-time. The price is retrieved by simulating an order as it would have been created within SAP S/4 HANA. This feature simulates the price using the pricing procedure defined in SAP S/4 HANA and gets up to date price. It covers the below point:

- Synchronization of customer-specific discounts
- Buy one get one free
- Promotions
- Freight calculations within SAP S/4 HANA at Sales order creation

All Magento SKU should be present in the SAP S/4 HANA system.

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Order

Orders Sync

Orders are synced from Magento to SAP S/4 HANA. They are transmitted to SAP S/4 HANA from Magento in a periodic manner. APPSeCONNECT decides the following aspects before putting it in SAP S/4 HANA.

1. Determining B2B / B2C order
2. Determining the partner functions (Ship to / Sold to / Bill to / Salesperson if any)
3. Payment method (Via Purchase Order / Credit Card / PayPal etc).
4. Order remarks
5. Credit card/authorization number if there
6. Any discounts determined in Magento which need to be passed to SAP S/4 HANA
7. Magento order number in Purchase Order field of SAP S/4 HANA order

Sales order sync – B2C/ Guest customers

All the Magento sales orders placed by the web customer will shortly be converted into SAP ERP Sales Orders against the one-time customer number in SAP S/4 HANA. The Agent will pass accurate address details as well as credit card information along with other aspects listed above. The Magento Order ID is saved in the Purchase Order Number field of SAP S/4 HANA order. The logistics team can get access to the orders ready for delivery using standard SAP transaction code.

Sales order sync – B2B Customers

All the web sales orders placed by a B2B customer will be registered in SAP S/4 HANA with the respective SAP S/4 HANA customer number. Any purchase made on credit will also update the credit consumption status within Magento.

Order total calculation

Exact value mapping of tax and shipping methods are ensured for proper order total calculation while converting web orders into SAP ECC sales orders.

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Delivery

Shipment Creation

Once we do the PGI on SAP S/4 HANA, It will create the shipment in Magento and marked the status as shipped.

Tracking Number

Once Delivery is generated in SAP S/4 HANA , web users can instantly get the updated information and shipment tracking number on Magento by viewing the web order status which will be changed. The information will be automatically available as soon as the Post Goods Issue of delivery is done in SAP S/4HANA.

Partial Shipment

This feature will allow you to have a partial shipment. We will be updating the status to complete in Magento once all the shipment is done for that order.

Invoice

Invoice creation

As soon as the invoice is posted to accounting within SAP S/4 HANA, the invoice gets generated within Magento. Payment capture can also be triggered by Magento on receiving the invoice information from SAP S/4 HANA if it is a credit card order.

Invoice clearing

On clearing of the invoice within SAP S/4 HANA, the invoices are also marked as paid within Magento. This helps the customer to understand and view the invoices which are due for payment.

Inventory

Stock Update

Magento will be updated with the latest stock value from ERP. The inventory is taken as the unrestricted quantity available in the configured plant and storage location within SAP S/4 HANA corresponding to the Magento store.

More

Manual Condition Sync for a special discount on Magento

Magento can also have a discount rule. This feature will allow you to sync the discounted amount at the time of order sync from Magento to SAP S/4 HANA. It will be using the SAP S/4 HANA manual condition for pricing.

Invoice PDF

This feature will allow you to sync the SAP S/4 HANA generated invoice PDF to Magento. It will help you have a single type of invoice doc at both the application.

Transform the way you work and improve business efficiency!

APPSeCONNECT-led business processes streamline your operational workflow and help you expand customer and employee satisfaction amplifying revenue numbers and growth.

SAVE TIME AND EFFORT

Seamlessly connect business-critical applications and save huge amount of time and effort by automating business processes

BOOST PRODUCTIVITY

Eliminate the need for manual data entry, resulting reduced risk of errors, increased productivity, quality and a happier workforce

FOCUS ON PROFITABILITY

Streamlined business processes lets you focus on what matters the most: increasing customer satisfaction, revenue, growth!

What our customers say...



Without APPSeCONNECT, I don't think we could have grown our website to where it is now. In terms of what is out there in the market, it is the cheapest option that would deliver a reliable service.

Erika Weihmayer
Prana Biovegan



The product is easy to work with. Throughout the process, APPSeCONNECT was very accommodating of our specific requests.

Victoria Schweistein
Lumondi Inc

Automate Your Business With APPSeCONNECT. [Get Started Now!](#)



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