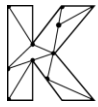


K E N S I U M

Acumatica–Magento Connector V3
Release Notes



ACKNOWLEDGEMENTS

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Configuration Guide

Edition 1, 11/2019

Revision History

Version Number	Description	Compiled By	Reviewed & Revised By	Approved By	Date
1.0	Final Draft	Nathan Masserang	Saikumar C	Amanda Wittrock	1/2020

RELEASE NOTES

Software Name	Acumatica-Magento Connector
Version Number	3
Release Number	1
Release Type (Major/Intermediate/Minor)	Major
Release Tested on (Browsers)	Chrome, Firefox, Edge

Kensium introduces the latest version of its premier eCommerce management tool: the Acumatica-Magento Connector. The connector creates a bridge between the front-end Magento storefront to Acumatica's back-office ERP for efficient and expedited transfer of order, product, customer, and shipment data. The latest version of the product features near real-time sync and improved UI.

Value

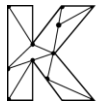
- Real-time connection between Acumatica's back office ERP and Magento's eCommerce framework.
- Reduction of double entry between two systems.
- Intuitive UI with simplified configuration.
- Improved customer experience through immediate order and shipment communication.
- Increased fulfillment speed through tightly integrated processes.
- Reduction of overselling with quickly updated inventory, order, and shipment data.

Pricing

The Acumatica-Magento Connector is sold as a single product. See your Account Manager for pricing.

Compatible Editions

- *Acumatica*
 - Editions
 - General Business
 - Manufacturing
 - Distribution
 - Commerce
 - Builds
 - 2019R1 - .109+
 - 2019R2 - .204
- *Magento*
 - Editions
 - Open Source
 - Enterprise (Commerce)
 - Cloud
 - Builds
 - 2.3.X



FEATURES

The following features are now available within Version 3 of the Acumatica Magento Connector

METADATA SYNCNS

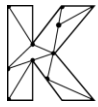
- *Product Attributes*
 - *Feature:* Product Attribute Sets will be created/modified in Acumatica. Upon Save/Update action in Acumatica, a webhook will be triggered to Magento REST API for changing the records in Magento.
- *Product Attribute Sets*
 - *Feature:* Item classes in Acumatica map to Attribute Sets in Magento. Attributes associated with Item Classes will be assigned and located in the corresponding Attribute Set.
- *Product Attribute Options*
 - *Feature:* Changes in the Attribute Options configuration will be handled in Acumatica. The same changes will be updated in Magento using Webhooks.
- *Customer Attributes*
 - *Feature:* Users can create attributes and assign them to Customer Classes in Acumatica. These attributes can be enabled in Schema Management, and then created and mapped in Magento.
- *Customer Attribute Options*
 - *Feature:* Changes in Customer Attribute Options will be handled in Acumatica. The same changes will be updated in Magento using Webhooks actions.

SETUP AND CONFIGURATION

- *Basic Configuration and Connection Tests*
 - *Feature:* In the Magento admin UI, the connector will allow a user to enter Acumatica connection access details and test the connection. Additionally, the same can be done in the Setup Parameters screen of Acumatica, where a user can enter access details for Magento and then test the connection.
- *Licensing*
 - *Feature:* Licensing screens allow a user to input license information for Acumatica implementation of the connector
- *Logs and Log Maintenance*
 - *Feature:* Users can choose which actions can be logged in Magento and set schedules for log deletion.
- *Developer Logs*
 - *Feature:* When Connector developer mode is enabled via the Command line, there will be advanced logging related to Connector's request. Acumatica's response will be logged for debugging data syncs.

MAPPING CONFIGURATION

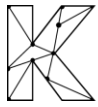
- *Category Mapping*
 - *Feature:* The Category Mapping screen allows a user to obtain recommended mapping settings or map Magento Category settings with Acumatica Category settings.



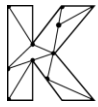
- *Product Mapping*
 - *Feature:* The Product Mapping screen allows a user to obtain recommended mapping settings or map Magento Product settings with Acumatica Item settings.
- *Customer Mapping*
 - *Feature:* The Customer Mapping screen allows a user to obtain recommended mapping settings or map Magento Customer settings with Acumatica Customer settings.
- *Customer Group Mapping*
 - *Feature:* The Customer Group Mapping screen allows a user to obtain Acumatica Customer Classes and Acumatica Customer Price Classes and map with Magneto customer group.
- *Shipping Method Mapping (M->A)*
 - *Feature:* The Shipping Method [M->A] screen will allow a user to obtain Acumatica Shipping Methods and map them with Multiple Magento shipping methods.
- *Shipping Method Mapping (A->M)*
 - *Feature:* The Shipping Method [A->M] screen will allow a user to obtain Magento Shipping Methods and map them with Acumatica shipping methods.
- *Payment Method Mapping*
 - *Feature:* The Payment Method Mapping screen will allow a user to obtain Acumatica payment methods, payment plugins, and cash accounts and map them with Magento payment methods.
- *Order Status Mapping*
 - *Feature:* The Order Status Mapping screen will allow a user to obtain recommended order status mapping and create a new mapping between Acumatica and Magento.
- *Warehouse Mapping*
 - *Feature:* The Warehouse Mapping screen will allow a user to obtain Acumatica warehouses and create a new mapping between Magento inventory source and Acumatica Warehouses.
- *Substitute List Management*
 - *Feature:* Allows a user to map Acumatica country and state codes to Magento country and state codes.

SYNC CONFIGURATION

- *Attribute Sync*
 - *Feature:* Attributes for Sales Categories, Customer Classes, and Stock Items can be enabled for sync with Magento in Schema Management. These attributes can then be created in Magento using the attribute data from Acumatica, which in turn can be mapped to one another. A user can enable or disable this sync in Magento
- *Category Sync*
 - *Feature:* Sales Categories in Acumatica map to Magento Categories. The data synced will be reflected in the Magento site as visible categories on the home page. A user can enable or disable this sync in Magento.



- *Product Sync*
 - *Feature:* Simple and Configurable Products, including grouped and bundled products, will sync from Acumatica to Magento bidirectionally. A user can enable or disable this sync in Magento
- *Product Price Sync*
 - *Feature:* The Default or Sales price can be used as the primary price point for sync. This sync can be enabled or disabled in Magento.
- *Product Inventory Sync*
 - *Feature:* A user can sync product inventory (quantity available, quantity on hand, quantity available for shipping) and product inventory attributes to Magento. A user can enable or disable this sync in Magento
- *Sales Price Worksheet Sync*
 - *Feature:* Sales Price Worksheets in Acumatica sync to Sales Price Reports in Magento. A user can enable or disable this sync in Magento.
- *Product Image Sync*
 - *Feature:* S3 Images and Acumatica URLs for images can sync from Acumatica to Magento. A user can enable or disable this sync in Magento.
- *Configurable Product Sync*
 - *Feature:* Configurable, grouped, and bundled products are available for sync. A user can enable or disable this sync in Magento.
- *Customer Sync*
 - *Feature:* A user can sync Customer Attributes from Acumatica to Magento along with parameters/field values such as Default Customer Class, Customer Terms, Default Customer Statement Cycle, and Default Customer Price Class, as well as settings like Sync Direction, Segmentation Key, Send Customer Reset Password Email, and Send Customer Register Email. A user can enable or disable this sync in Magento.
- *Order Sync*
 - *Feature:* Orders can sync by mapping order types as well as other settings like Individual Sync, Sync Direction, Segmentation Key, Default Sales Account, Default payment Method, Default Cash Account, Order Statuses, Gift Card Payment Method, Send Order Confirmation Email, Send Invoice Confirmation Email, and Acumatica to Magento Order Payment Method. This sync can be enabled or disabled in Magento.
- *Kit Quantity Syncs*
 - *Feature:* A schedule can be configured by a user to update kit quantities in Magento if using kits.
- *Shipment Sync*
 - *Feature:* Shipments sync from Acumatica to Magento. This sync can be enabled or disabled in Magento.
- *Failed Order Sync*
 - *Feature:* Failed order syncs are collected in one log for troubleshooting and retrying syncs in Magento.
- *Individual Sync Status*
 - *Feature:* In Acumatica, users can activate or deactivate specific syncs depending on the business need.



- *Acumatica Endpoint URLs*
 - *Feature:* Endpoint URLs can be found in Magento and Acumatica, allowing admins and implementation specialists to view and adjust the endpoint URLs.

CATEGORY SYNC

- *Category Sync (A->M)*
 - *Feature:* Acumatica Sales Categories map and sync to Categories in Magento based on the mapped configuration.
- *Category Deletion*
 - *Feature:* When Acumatica Sales Categories are deleted, the corresponding Category in Magento will be deleted due to a triggered REST webhook.

PRODUCT DATA SYNC

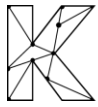
- *Stock Item Sync*
 - *Feature:* Simple, Non-Stock, Configurable, Grouped, and Bundled products sync to Magento. Non-Stock items sync as simple products in Magento with Manage Stock set to "no".
- *S3 Image Sync*
 - *Feature:* S3 images sync from Acumatica to Magento.
- *Product Deletion*
 - *Feature:* When a product is deleted in Acumatica, the corresponding product will be deleted due to a triggered REST webhook.

CUSTOMER SYNC

- *Customer Account Sync*
 - *Feature:* Customer Account Data syncs bidirectionally between Acumatica and Magento.
- *Customer Billing Address Sync*
 - *Feature:* Billing Address Data syncs bidirectionally between Acumatica and Magento.
- *Customer Shipping Address Sync*
 - *Feature:* Shipping Address Data syncs bidirectionally between Acumatica and Magento.
- *Multiple Shipping Addresses for Customers*
 - *Feature:* Multiple shipping addresses for a customer consolidate into one customer record in Magento and Acumatica.
- *Customer Deletion*
 - *Feature:* When a customer is deleted in Acumatica, the corresponding customer will be deleted due to a triggered REST webhook.

ORDER SYNC

- *Order Sync (Bidirectional)*
 - *Feature:* Order data syncs bidirectionally between Acumatica and Magento.
- *Order Sync from Acumatica to Magento with Multiple Product Types*
 - *Feature:* The connector supports orders with multiple product types (simple, non-stock, configurable, composite, bundled, kits, grouped).
- *Order Status Updates*



- *Feature:* Order statuses can be mapped from Acumatica to Magento. Changes made to order statuses are reflected in both systems.
- *Retry Missed Orders*
 - *Feature:* Failed orders appear in the Failed Order Sync section of Magento. Users can troubleshoot and retry a sync from this page.

SHIPMENT SYNC

- *Shipment Syncs*
 - *Feature:* Shipment data syncs from Acumatica to Magento. This sync can be configured to update when the shipment is confirmed or when the invoice is released.
- *Shipments Configuration without Tracking Numbers*
 - *Feature:* If utilizing pickup or non-tracked orders, shipments can be configured to allow tracking information to be included or excluded from order.
- *Partial Shipments*
 - *Feature:* Partial shipments and backorders are configurable in Magento through multiple shipments attached to one order

TAXES

- *Tax Categories*
 - *Feature:* Tax Categories automatically map to Tax Classes in Magento.

DISCOUNTS

- *Discounts*
 - *Feature:* Bidirectional sync of discounts between Acumatica and Magento

RETURNS

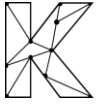
- *RMA Trigger*
 - *Feature:* When RMAs are created in Magento, a Return for Credit or Request for Refund is triggered in Acumatica to the corresponding order.

LOGS

- *Log Storing in Database*
 - *Feature:* Logs are stored in local databases for secure and reliable storage.
- *Log Cleaning Schedules*
 - *Feature:* Logs can be maintained by setting up cleaning schedules and manual log deletion.

ADDITIONAL FEATURES

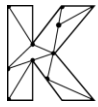
- *Connector Compatibility with Magento Editions*
 - *Feature:* Magento Commerce, Magento Enterprise and Magento OpenSource are all supported by the connector.
- *Installation of Magento Connector via Composer*
 - *Feature:* A user can install the Magento connector via Composer
- *Real-Time Sync Mechanism*
 - *Feature:* Syncs are handled in real time leveraging REST API Webservices and Acumatica's Push Notification functionality.
- *REST Webservice for Data Sync*



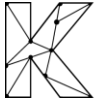
- *Feature:* Communication between both systems is handled by REST webservice.
- *Support for Magento Multi Source*
 - *Feature:* The connector supports Multi Source Inventory Management in Magento.
- *Support for Bulk Asynchronous Sync*
 - *Feature:* Data between the two systems will be handled in Bulk Syncs
- *Queue Consumer Management*
 - *Feature:* Syncing the data for each entity will occur via a queueing mechanism.
- *Advanced Magento Admin UI*
 - *Feature:* Improved Magento admin UI from previous versions.

UI CHANGES

The Acumatica-Magento Connector provides new UI in the following Screens and Workspaces.



Workspace	Section	Entity
Magento Connector Workspace in Acumatica	Configuration	Initialize Setup Parameters Magento Endpoints Manage Substitute Lists
	Schema Management	Product Category Customer
	APIs	Product Schema Category Schema Customer Schema Product Data Category Data Customer Data
	Real Time Processes	Product Status Price Inventory Update Product Dependencies Update Kit Qty Sales Price Category Customer Sales Order Shipment
	Batch Processes	Product Metadata Category Customer Sales Order Shipment Reprocess Failed Messages
	Report	Connector Logs
Kensium A-M Connector in Magento	Configuration	Acumatica Endpoint URLs Basic Configuration Sync Configuration
	Mapping	Category Customer Customer Group Order Status Payment Method Product Shipping Method (A->M) Shipping Method (M->A) Warehouse
	Report	Sales Prices
	Failure Sync	Order Sync Failure
	Queues	Queue Management Consumer Management
	Logs	Admin Logs



		Bulk Action Logs Connector Sync Logs Developer Logs
	Help	Documentation Support