

User Manual

Aptean Food and Beverage ERP

Aptean EAM

Product Documentation



Contents

- [Release notes](#)
- [2602.0.0.0](#)
 - [2601.0.0.0](#)
- [Introduction](#)
- [Setup](#)
- [Manage permission sets](#)
 - [Set up EAM](#)
- [Inbound events](#)
- [Integrations](#)
- [AIP connector](#)
 - [AppCentral](#)



Release notes

Article • 7/22/2026 • 1 min read

To view what's new in each release of the Aptean EAM connector, select the specific release version.

Date	Release Version	Release Type
July 2026	2602.0.0.0	Major release
January 2026	2601.0.0.0	Initial release



2602.0.0.0

Release Note • 7/22/2026 • 1 min read

Features

With the feature added in the release of the Aptean EAM Connector, vendor synchronization control has been enhanced to allow operators to determine which vendors are communicated to the Enterprise Asset Management system via the *Vendor-CreatedOrModified-v1* AIP event. This is achieved through a global override and a per-vendor opt-in flag, giving administrators fine-grained control over vendor data sync behavior.

UI/UX changes

The following UI/UX changes have been made in this release.

- The **Send All Vendors** toggle has been added to the **General** group on the **EAM Setup** page.
- The **Send to EAM** toggle has been added to the **Vendor Card** page.



2601.0.0.0

Release Note • 1/28/2026 • 1 min read

Features

With the features added in this release of the Aptean EAM connector,

- You can enable and configure EAM synchronization on the **EAM Setup** page, including inbound event processing, journal settings, balancing accounts, and event mappings. For more information, see [Set up EAM](#).
- The system synchronizes currencies, payment terms, and order addresses to EAM using outbound events, while EAM does not process inbound events for these records. For more information, see [What's new in AIP, version 2601.0.0.0](#).
- The system processes inbound EAM events to update data in Business Central by creating or updating journal lines, purchase invoices, and credit memos while handling reversals and mapping payload fields automatically. For more information, see [EAM Inbound Events](#).

Integrations

The Aptean EAM Connector is integrated with AppCentral to validate the installation and configuration of the EAM connector and AIP connector. For more information, see [Integrations](#).



Introduction

Article • 1/28/2026 • 1 min read

The Aptean EAM connector (EAM) helps seamless data exchange between Business Central and the Enterprise Asset Management (EAM) system. It automatically converts receipts, returns, and inventory adjustments from EAM into purchase invoices, credit memos, and GL journal lines in Business Central.

Key benefits

- Automatically creates and updates purchase invoices and credit memos from EAM transactions.
- Automatically creates and updates G/L journal lines based on EAM transactions.
- Synchronizes currencies, payment terms, and supplier sites between Business Central and EAM.
- Ensures accurate financial and inventory data while reducing manual reconciliation.
- Replaces the Smarthub integration with a modern, reliable, and scalable solution.

Important

To use the Aptean EAM connector, the [Aptean Integration Platform connector](#) must be installed.



Setup

Article • 1/28/2026 • 1 min read

The following setups are required.

- [Manage permission sets](#)
- [Set up EAM](#)



Manage permission sets

Article • 1/28/2026 • 3 min read

Permission sets in Business Central define a user's access level to various features and data within this extension.

We provide the following system permission sets:

- Direct
- Indirect

Direct permission sets

Users with this permission set can perform specific actions directly without requiring additional approvals or workflows. These sets include permissions to read, modify, delete, and create data.

The direct permission set ID for this extension is *EAMConn206FDW*.

Indirect permission sets

Users with this permission set can perform specific actions. This is used in conjunction with other permission sets to allow you to perform certain actions. These permissions typically involve additional conditions or approvals before the action can be completed.

The indirect permission set ID for this extension is *EAMConnBasic206FDW*.

User-defined permission sets

In addition to the system permission sets we provide, you can create new permission sets or copy system permission sets and modify or delete access to specific entities according to your requirements. For more information, see [Assign permissions to users and groups](#).

Assign a permission set

1. Select the Search icon , enter **Users**, and then choose the related link.
The **Users** list page opens.
2. Navigate to the username for which you want to assign the permission set and select it.
The **User Card** page opens.
3. On the **User Permission Sets** FastTab, in the **Permission Set** field, enter the valid permission set for this extension.



Aptean EAM

The associated fields are automatically updated based on the entered value.

The user has the necessary permissions to use the features of the Aptean EAM connector, ensuring secure and role-based access.



Set up EAM

Article • 7/22/2026 • 3 min read

The **EAM Setup** page helps you configure the integration between Business Central and the Enterprise Asset Management (EAM) system. It defines the processing of inbound EAM transactions and the publishing of outbound master data through AIP. You can use this page to enable event processing, select the journal batch and document numbering for posted transactions, set the balancing account for inventory adjustments, and initialize the event types and mappings required for the integration.

To configure the **EAM Setup** page, follow these steps:

1. Select the Search icon , enter **EAM Setup**, and then choose the related link.
The **EAM Setup** page opens.
2. Turn on the **Enable** toggle to process EAM inbound events.
3. Turn on the **Send All Vendors** toggle to include all vendors in EAM synchronization, regardless of their individual vendor settings.

Note

- The **Send to EAM** field on the **Vendor Card** page is editable only when the **Send All Vendors** toggle is turned off; otherwise, the field is read-only.
- The *Vendor-CreatedOrModified-v1* event is always sent to EAM regardless of the **Send to EAM** value. The *eamAcceptSupplier* flag is included in every event payload, and EAM interprets whether to act on the vendor record. Existing installations are unaffected: **Send All Vendors** defaults to *true* after upgrade, so all vendor payloads continue to carry *eamAcceptSupplier = true* with no change in behavior.
- The *eamAcceptSupplier* flag is also resolved using the same logic and included in bulk sync payloads when the **Bulk Sync Report** is run from the **EAM Setup** page.

4. In the **General Journal Template** field, select the template used to create G/L journal lines for transactions received from EAM.
5. In the **General Journal Batch** field, select the journal batch used to create G/L journal lines for transactions received from EAM.
6. In the **General Journal Document No.** field, select the document number used to assigned to the G/L journal lines created by the connector.
7. In the **Inventory Adjustment Balance Account** field, select the account used to post inventory gains or losses received from EAM.

Note

The **General Journal Template** and **General Journal Document No.** field values are mandatory.

8. On the action bar, you can execute the following actions:

Action	Description
Configure with AIP	Loads data into AIP and sets up the events required for EAM integration, allowing Business Central to send and receive data with EAM.
Events	Opens the AIP Events page to view and check all events related to the EAM integration.
Process Events	Processes pending inbound EAM events using defined filters. This action updates related records in Business Central, such as purchase invoices, credit memos, or G/L journal lines, based on the event data from EAM.
Bulk Sync Report	Synchronizes master data like currencies, payment terms, and supplier sites between Business Central and EAM.

The **EAM Setup** page is configured.



Inbound events

Article • 1/28/2026 • 3 min read

The EAM system sends inbound extract events to Business Central through AIP. These events update financial and procurement data by creating or modifying general journal lines, purchase invoices, or purchase credit memos based on the information received in the payload. However, these documents are not posted.

Business Central processes the following inbound events:

- GL Extract Event
- Receipt Extract Event

GL Extract Event

Business Central processes the *gl-extract-v1* inbound event (mapped to *schema-only-gl-extract-v1*) to create general journal lines in the journal batch defined on the **EAM Setup** page. Each event adds new lines to the same batch.

The system reads transaction details from the payload and creates journal lines based on the following field mappings:

Field in Business Central	Payload value
Posting Date	The transaction date from the related accounting information.
Document Type	Blank
Document No.	The General Journal Document No. field value from the EAM Setup page.
External Document No.	The value is created by joining the transaction date and transaction time received from EAM.
Account Type	G/L Account (Default value)
Account No.	For inventory adjustment and issue transactions, the system uses the Stores_Account field value. For return transactions, the system uses the account defined on the EAM Setup page.
Bal. Account No.	For inventory adjustment transactions, the system uses the account defined on the EAM Setup page. For return transactions, the system uses the <i>Stores_Account</i> value. For issue transactions, the system uses the <i>Accounting_child</i> account.
Amount	The system uses the value in in_log_material[].in_log_accounting_child[].amount field as the amount for the journal line.

Receipt Extract Event

Business Central processes the *receipt-extract-v1* event sent from EAM through AIP using the *schema-only-eam-receipt-extract-v1* definition. This event allows Business Central to create or update purchase invoices and purchase credit memos based on the receipt information in the payload.

Business Central uses the *supplier_return_flag* value in the payload to decide which document to create. A value of *0* creates or updates a purchase invoice, and a value of *1* creates or updates a purchase credit memo.

When the system receives a receipt extract payload, it determines whether to process a purchase invoice or a purchase credit memo. It then looks for an existing document that matches the vendor number, posting date, and calculated vendor invoice or credit memo number. If a matching document exists, the system adds new lines to it. If not, it creates a new document with the information from the payload.

The system reads transaction details from the payload and creates document lines based on the following field mappings:

Field in Business Central	Payload value
Vendor No.	The vendor number sent from EAM.
Document Date	The transaction date sent from EAM.
Document No.	A combined value generated by the purchase order, release, and change order fields with hyphens (for example: <i>PO-REL-CO</i>).
Vendor Invoice No.	The value is created by joining the transaction date and transaction time received from EAM.
Type	G/L Account (Default value)
No.	The system uses the <code>in_log_material[].in_log_accounting_child[].account</code> field value. If it is not available, it falls back to <code>stores_account</code> . If both are empty, an error occurs.
Quantity	The quantity of the item received, expressed in packages.
Direct Unit Cost	The cost of a single unit of the item sent from EAM.
Description	A combined value created by adding the item number and description with a hyphen (for example: <i>ITEM-DESCRIPTION</i>).



 Note

The logic and field mappings for purchase invoices and purchase credit memos are the same.



Integrations

Article • 1/28/2026 • 1 min read

The Aptean EAM connector has been integrated with the following extensions:

- [AIP connector](#)
- [AppCentral](#)



AIP connector

Article • 1/28/2026 • 1 min read

The [Aptean Integration Platform](#) connector must be installed to use the Aptean EAM connector, as the job queue configurations are set up on the **AIP Setup** page and event processing relies on the AIP framework.

Additionally, the bulk synchronization functionality also requires the AIP connector. Business Central uses the AIP to generate, upload, transform, and transfer bulk data files, such as order addresses, currencies, and payment term to EAM. Without the AIP connector, the system cannot initiate the bulk sync process or track file-level status updates.



AppCentral

Article • 1/28/2026 • 1 min read

When the Aptean EAM connector is used in conjunction with [AppCentral](#), the system supports an integration event, which ensures that the EAM and AIP connectors are both installed and properly configured. Once this setup is validated, the system publishes a confirmation event back to AppCentral to indicate whether the integration was successful or failed. In addition to this core setup validation, the connector also supports bulk synchronization of key master data such as vendors, currencies, payment terms, and order addresses, allowing this information to be sent efficiently from Business Central to EAM through AppCentral.

