

User Manual

Aptean Food and Beverage ERP

Aptean Integration Platform

Product Documentation



Contents

- [Release notes](#)
 - [2601.1.0.0](#)
 - [2601.0.0.0](#)
 - [2505.0.0.0](#)
 - [2504.0.0.0](#)
 - [2503.0.0.0](#)
 - [2502.0.0.0](#)
 - [2501.0.0.0](#)
- [Introduction](#)
- [Setup](#)
 - [Manage permission sets](#)
 - [Set up AIP connection](#)
- [Creation and processing of AIP events](#)
- [Translation of AIP events](#)
- [Bulk synchronization of outbound events](#)
- [Integrations](#)
 - [Aptean Tax Process Handling](#)
 - [Aptean Packaging](#)
 - [Aptean Transport](#)
 - [Aptean Shop Floor Logistics](#)
 - [Aptean Routing and Scheduling](#)
 - [Aptean POD Integration connector](#)
 - [AppCentral](#)
 - [AP Invoice Automation \(APIA\) connector](#)



Release notes

Article • 3/25/2026 • 1 min read

To view what's new or changed in each release of the Aptean Integration Platform connector, select the specific release version.

Date	Release version	Description
March 2026	2601.1.0.0	Stability release
January 2026	2601.0.0.0	Feature release
October 2025	2505.0.0.0	Feature release
August 2025	2504.0.0.0	Feature release
July 2025	2503.0.0.0	Feature release
July 2025	2502.0.0.0	Feature release
March 2025	2501.0.0.0	Initial release



2601.1.0.0

Release Note • 3/25/2026 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean APIA connector. For more information, see [Highlights of APIA, version 2601.0.0.0](#).

Integrations

The Aptean Integration Platform connector is integrated with Aptean [AP Invoice Automation \(APIA\)](#) connector. To know more, see [Integrations](#).



2601.0.0.0

Release Note • 1/28/2026 • 1 min read

Features

With the feature added in this release of the Aptean Integration Platform connector, you can use the bulk synchronization functionality to update multiple master records in a single operation. To know more, see [Bulk synchronization of outbound events](#).

Integrations

The Aptean Integration Platform connector is integrated with [AppCentral](#) to validate the setup of the connector and AIP, publish a confirmation of success or failure, and support bulk synchronization of key master data from Business Central to the target product. To know more, see [Integrations](#).

UI/UX changes

The **Bulk Sync Events** action has been added to the **AIP Connection Setup** page.



2505.0.0.0

Release Note • 10/22/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Routing and Scheduling extension. For more information, see [What's new in Routing and Scheduling, version 2504.0.0.0](#).



2504.0.0.0

Release Note • 8/27/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean POD Integration Connector. For more information, see [What's new in POD Integration Connector, version 2503.0.0.0](#).



2503.0.0.0

Release Note • 7/30/2025 • 1 min read

Features

With the feature added in this release of the Aptean Integration Platform connector, the system automatically creates AIP consumers for each tenant to receive inbound events from Proof of Delivery (POD) or Routing and Scheduling (RAS). This subscription functionality is triggered when you execute the **Load Data** action on the **AIP Connection Setup** page, eliminating the need to create consumers manually. Each tenant is assigned a dedicated consumer, ensuring that only events related to that tenant are received. This functionality uses the **AIP Tenant ID** field value on the **Tenant Information** FastTab of the **AIP Connection Setup** page.

Enhancements/Modifications

With this release of the Aptean Integration Platform (AIP) connector, the system excludes schema-only events, used only for inbound data, from the **Definition Type** field dropdown on the **AIP Product Events** page to streamline the publishing process.



2502.0.0.0

Release Note • 7/2/2025 • 1 min read

Features

With the features added in this release of the Aptean Integration Platform (AIP) connector, you can view the following field values in the outbound event after executing the **Mark as Fully Loaded** action on the **Transport Order** page. Additionally, these field values are provided in GMT Standard Time zone.

- Planned Start Time
- Planned End Time
- Planned Departure Time
- Planned Return Time

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean POD Integration Connector. For more information, see [Highlights of POD Integration Connector, version 2501.0.0.0](#).

Integrations

The Aptean Integration Platform (AIP) connector has been integrated with the Aptean [POD Integration Connector](#). To know more, see [Integrations](#).



2501.0.0.0

Release Note • 3/12/2025 • 1 min read

Features

With this release of the Aptean Integration Platform connector, you can:

- Configure the **AIP Connection Setup** page to establish integration between Business Central and the Aptean Integration Platform (AIP). To know more, see [Set up AIP connection](#).
- Manage AIP products and their event subscription details on the **AIP Products** page. To know more, see [Details on the AIP products](#).
- Track and manage inbound and outbound events, monitor event statuses and handle failed events. To know more, see [Creation and processing of AIP events](#).
- Automate the processing of inbound and outbound events by setting up job queue entries.
- Use the **AIP Translations** page to map product IDs to their corresponding AIP values, ensuring seamless integration with external platforms by translating Business Central data into the required formats. To know more, see [Translation of AIP events](#).

Integrations

The Aptean Integration Platform connector has been integrated with the following extensions:

- Aptean [Tax Process Handling](#)
- Aptean [Packaging](#)
- Aptean [Transport](#)
- Aptean [Shop Floor Logistics](#)
- Aptean [Routing and Scheduling](#)



Introduction

Article • 3/13/2025 • 1 min read

The Aptean Integration Platform (AIP) connector helps to integrate data between Business Central and external system. It automates data exchange through inbound and outbound events, ensuring accurate synchronization across systems.

This extension offers the following key benefits:

- Ensures data consistency across Business Central and the Aptean Integration Platform extension.
- Automates synchronization for faster, error-free operations.
- Tracks and resolves issues efficiently via the **AIP Events** page.
- Supports routing, scheduling, and logistics through accurate master data.

Important

This connector is automatically installed when the Aptean [Routing and Scheduling](#) extension is installed.



Setup

Article • 3/12/2025 • 1 min read

The following setups are required.

- [Manage permission sets](#)
- [Set up AIP connection](#)



Manage permission sets

Article • 3/12/2025 • 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 *AIPCONN161FDW*.

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 *AIPCONNBASIC161FDW*.

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.



The associated fields are automatically updated based on the entered value. The user has the necessary permissions to use the features of the Aptean Integration Platform connector, ensuring secure and role-based access.



Set up AIP connection

Article • 1/28/2026 • 4 min read

The **AIP Connection Setup** page is used to configure the general and tenant information to connect Business Central with the appropriate AIP product. It also allows defining subscriptions for inbound events to automatically receive data updates.

1. Select the Search icon , enter **AIP Connection Setup**, and then choose the related link.
The **AIP Connection Setup** page opens.
2. On the **General** FastTab, in the **Base URL**, **IAM URL**, **Client ID**, and **Client Secret** fields, enter the credentials.
3. On the **Tenant Information** FastTab, in the **API Product ID** and **API Tenant ID** fields, enter the credentials.

Note

To know your credentials, please contact the Aptean support team.

These configurations ensure that the integration with external systems is correctly established.

4. On the **Advanced Settings** FastTab, in the **Support Email** field, enter a valid email address where notifications related to AIP integration will be sent.
5. Turn on the **Notify on Review** toggle to receive an email notification when an event is waiting to be processed.
6. Turn on the **Notify on Error** toggle to receive an email notification if an event is stopped due to an error.
7. In the **Maximum Number of Requests** field, enter the value that defines the maximum number of allowed requests. The default value is set to *100*.
8. In the **Retry Attempts** field, enter the number of retry attempts to be made if an event fails to process. The default value is set to *2*.
9. On the action bar, select the action to perform the respective function:

Action	Description
Load Data	Load all the AIP products, AIP product events, consumers and custom consumers.
Publishing Event Setup	Load all the AIP product events. Using this setup, you can map an export event in Business Central to its corresponding definition type, ensuring its creation on the AIP Events page with that type.
Consuming Events Setup	Load all the AIP consumer events. Using this setup, you can map an inbound event in Business Central to its corresponding event type, enabling its import with that type.
Product	View all the AIP products along with its associated event information.



Translation	View the AIP translation values for the available AIP products.
Events	View the AIP events created from different sources, their status, and subscriptions.
Process Events	Process inbound, outbound or both events based on the Type field value selected in the AIP Process Events dialog. The process includes three operations based on the selected type: <i>Outbound:</i> Prepares the data (payload) before sending it to an external system and then transfers it. <i>Inbound:</i> Retrieves events from external systems, transfers them to Business Central, and processes the data after it is available in the event list. <i>Both:</i> Combines inbound and outbound processing to handle selected events in one step.
Set Up Job Queue Entry	Automate the outbound and inbound event processing. This configuration allows events to be processed based on a predefined schedule, ensuring a streamlined flow for event handling.
Audit Log	View the errors that occurred while processing the AIP events.
Bulk Sync Events	Synchronizes multiple master records in a single operation. The system processes all selected records together and updates them in the Aptean Integration Platform in one bulk request, reducing processing time and manual effort.

Details on the AIP products

The **AIP Products** page displays all the available products and the event subscription information for each product.

1. Select the Search icon , enter **AIP Products**, and then choose the related link.

Alternatively, you can open the **AIP Products** page from the **AIP Connection Setup** page by selecting the **Product** action.

The **AIP Products** page opens.

2. Enter the required information in the following fields:

Field	Description
Id	Specify the AIP ID associated with the product.
Name	Specify the name of the product.
Event Subscribed	Specify the number of events subscribed to the AIP product.
Available Event	Specify the total number of available events.



Disabled

Specify if the product is disabled for event subscription.

On the action bar, select **Load Product Events** to load the events associated with the selected AIP product.

The **Product Events** action displays the details of the available event. On selecting this action, the **AIP Product Events** page opens.

The **Consumer Events** action displays the details of the subscribed events. On selecting this action, the **AIP Consumer Events** page opens, displaying the subscribed events that can be processed based on the configuration.



Creation and processing of AIP events

Article • 7/2/2025 • 4 min read

The AIP connector automates data synchronization between Business Central (BC) and the Aptean Integration Platform (AIP) using inbound and outbound events to ensure consistent and accurate master data across both systems.

Outbound events automate the export of master data and operational records from Business Central to external systems, while inbound events import and update master data into Business Central covering entities like customers, vendors, addresses, locations, sales orders, and transport requests.

The **AIP Events** page provides a centralized location for tracking and managing events within the AIP connector. It allows users to monitor the status of both outbound and inbound events.

- Select the Search icon , enter **AIP Events**, and then choose the related link.
Alternatively, you can open the **AIP Events** page from the **AIP Connection Setup** page by selecting the **Events** action or from the source document (customer/vendor/sales order/transport request) page (**Related > AIP Connector > Events**).- The **AIP Events** page opens.
You can view all the events that are created between AIP and Business Central as follows:

Field	Description
Entry No.	Specifies the entry number of the event.
Source System Id	Specifies the system ID generated for the event.
Source Type	Specifies the source type of the event.
Source Product	Specifies the ID of the source product.
Event Type	Specifies the type from which the event is created.
Status	Specifies the status of the event. The available options are: • <i>Open</i>: Event is currently active and to be processed. • <i>Ready</i>: Event is prepared for export or processing. • <i>Review</i>: Event is under review to be processed. • <i>Complete</i>: Event has been successfully processed or sent. • <i>Ignored</i>: Event is excluded from processing due to errors or mismatches. • <i>Failed</i>: All schedules in the payload have failed. • <i>Partially Failed</i>: One or more schedules in the payload have failed. Note that the <i>Failed</i> and <i>Partially Failed</i> options are applicable only to inbound events.



Error	Specifies if an error has occurred during the process of the event. If an error occurs during event processing, the event will be marked as <i>Errored</i> . Note that if an event is marked as <i>Errored</i> , it requires review and troubleshooting to identify the root cause of the error. After resolving the issue, the event can be reprocessed, and its status will update accordingly.
Message	Specifies the description of the error associated with the event.
Direction Type	Specifies the direction of the event. It may be either Inbound or Outbound.
Configuration	Specifies the configuration of the selected event.

When you select the **Mark as Fully Loaded** action on the **Transport Order** page, the outbound AIP event displays information about the transport requests. Time-related field values are added to payload in GMT Standard Time.

To process the AIP events, follow these steps: 1. Navigate to the desired event.

2. On the action bar, select **Process**. The **AIP Process Event** dialog opens.

The available operations for outbound events are:

- *Build*: Creates the payload for the event, preparing it for transfer to the external system.
- *Build & Send*: Creates the payload and sends the event to the external system.
- *Ignore*: Prevents the event to be imported or sent that are created by mistake.

The available operations for inbound events are:

- *Import*: Processes all downloaded inbound events.
- *Ignore*: Prevents the event from being processed.

Note

The *Build* and *Build & Send* options are available for outbound events, and *Ignore* option is available for outbound and inbound events.

To handle errors, follow these steps:

1. Navigate to the event which has error while processing it.

2. On the action bar, select **Actions > Event Errors**.

The **AIP Event Errors** page opens.

To recreate the failed event, follow these steps:

You are allowed to recreate the failed events due to errors as follows.

3. Select the failed event.



4. On the action bar, select **Process**.

The system displays a confirmation message.

5. Select **Yes**.

The **AIP Process Event** dialog opens.

You can select the available options and recreate it.

 Note

You cannot create duplicate events with the **Status** field set to *Open*.



Translation of AIP events

Article • 3/12/2025 • 2 min read

The **AIP Translations** page is used to manage the mapping of **Product Id** field values to their corresponding *AIP Value* field values. This page ensures seamless integration between Business Central and other platforms by translating internal Business Central data into formats or identifiers required by the integrated systems.

1. Select the Search icon , enter **AIP Translations**, and then choose the related link.
Alternatively, you can open the **AIP Translations** page from the **AIP Connection Setup** page by selecting the **Translation** action or from the source document (customer/vendor/sales order/transport request) page (**Related > AIP Connector > Translations**).
2. Enter the required information in the following fields:

Field	Description
Source Type	Specifies the ID associated with the event source type.
Source Type Name	Specifies the type of the source from which the event is created. For example, vendor, customer, location.
Source System Id	Specifies the ID generated for the event on the source system. For example, Business Central or other integrated platforms.
Source System Name	Specifies the name of the source document that generated the selected event on the source system.
Product Id	Specifies the ID of the AIP product.
Product Name	Specifies the name of the AIP product.
AIP Value	Specifies the ID assigned for the selected product ID as translated value. By default, this is automatically filled with the Source System ID field value. However, you can manually update it.



Bulk synchronization of outbound events

Article • 1/28/2026 • 3 min read

The bulk synchronization feature allows Business Central to synchronize multiple records such as vendors, order addresses (supplier sites), currencies, and payment terms with target products in a single operation. This helps ensure that all master data is consistent between systems without manually updating each record.

Steps to perform bulk synchronization

The following steps are involved in bulk synchronization:

Initiate bulk synchronization

A bulk sync event is triggered in Business Central to start the process.

Upload Data

The system generates a file containing the data to be synced and uploads it to the integration platform (AIP).

Transform Data

A transformation process formats the uploaded file so that it can be correctly processed by the related product.

File Status Updates

The system tracks the progress of file generation, upload, transformation, and processing, providing status updates throughout the process.

Export to associated product

Once the file is transformed, it is exported to the associated product. The data is then available for the related product to download and process.

Supported records

- Vendors
- Order Addresses
- Currencies
- Payment Terms

This ensures that all these records in Business Central are reflected in the related product accurately, reducing manual effort and preventing inconsistencies.



Outbound events

The following outbound events support both real-time updates and bulk synchronization:

Vendor events

Business Central sends vendor information to the target product through the *vendor-createdormodified-v1* outbound event.

The target product consumes this data through its *vendor-created-v1* event.

Business Central includes the **Currency Code** and **Payment Terms Code** field values in this event.

Currency events

Business Central sends following events when currency records are created, modified, or deleted.

- currency-createdormodified-v1
- currency-deleted-v1

Payment terms events

Business Central sends following events when payment terms records are created, modified, or deleted.

- paymentterms-createdormodified-v1
- paymentterms-deleted-v1

Order address events

Business Central sends the following events when order addresses are created, modified, or deleted.

- orderaddress-createdormodified-v1
- orderaddress-deleted-v1

However, the target product does not yet have corresponding inbound events to process currency, payment terms, and order address data.



Integrations

Article • 3/25/2026 • 1 min read

The Aptean Integration Platform connector has been integrated with the following extensions:

- [Aptean Tax Process Handling](#).
- [Aptean Packaging](#).
- [Aptean Transport](#)
- [Aptean Shop Floor Logistics](#)
- [Aptean Routing and Scheduling](#).
- [Aptean POD Integration Connector](#)
- [AppCentral](#)
- [Aptean AP Invoice Automation \(APIA\)](#).



Aptean Tax Process Handling

Article • 3/12/2025 • 1 min read

When the Aptean Integration Platform connector is used in conjunction with the Aptean [Tax Process Handling](#) extension, the generated payload can include tax processing details such as the shipment method and location code from the Aptean Tax Process Handling extension during AIP events.



Aptean Packaging

Article • 3/12/2025 • 1 min read

When the Aptean Integration Platform connector is used in conjunction with the Aptean [Packaging](#) extension, the generated payload can include package details such as mandatory shipping container from the Aptean Packaging extension during AIP events.



Aptean Transport

Article • 3/12/2025 • 1 min read

When the Aptean Integration Platform connector is used in conjunction with the Aptean [Transport](#) extension, the generated payload can include transport details such as transport floor space type, delivery starting time, delivery ending time, longitude and latitude and field values from transport requests page from the Aptean Transport extension during AIP events.



Aptean Shop Floor Logistics

Article • 3/12/2025 • 1 min read

When the Aptean Integration Platform connector is used in conjunction with the Aptean [Shop Floor Logistics](#) extension, the generated payload can include shop floor details such as logistical time related to a vendor, customer, ship-to address and order address from the Aptean Shop Floor Logistics extension during AIP events.



Aptean Routing and Scheduling

Article • 3/12/2025 • 1 min read

When the Aptean Integration Platform connector is used in conjunction with the Aptean [Routing and Scheduling](#) connector, you can process inbound and outbound events to synchronize data between Business Central and external systems.



Aptean POD Integration connector

Article • 8/27/2025 • 1 min read

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

Additionally, when you execute the **Mark as Fully Loaded** action on the **Transport Order** page, the outbound event includes planned time fields in **GMT Standard Time**. You can also view and send pickup and delivery date and time information.

You can define the stop date and stop time information in the data sent to the transport request based on the transport stop, either delivery or pickup. These fields specify the exact date and time for pickups or deliveries, helping you plan and manage transport schedules more accurately.



AppCentral

Article • 1/28/2026 • 1 min read

When the Aptean Integration Platform connector is used in conjunction with [AppCentral](#), the system supports an integration event, which ensures that the target product and AIP 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 target product through AppCentral.



AP Invoice Automation (APIA) connector

Article • 3/25/2026 • 1 min read

When the Aptean Integration Platform connector is used in conjunction with Aptean [AP Invoice Automation \(APIA\)](#) connector,

- The integration ensures seamless communication between Business Central and AIP, allowing automatic exchange of invoice and transaction data.
- Vendors, purchase orders, and G/L accounts are synchronized to AIP, so invoice matching is accurate and efficient.
- Approved invoices in AIP are automatically reflected in Business Central, reducing manual entry and errors.
- Event processing is tracked end-to-end, allowing monitoring, troubleshooting, and reprocessing of failed or pending events.

