

User Manual

Aptean Food and Beverage ERP

Advanced Lot Attributes

Product Documentation



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Release notes

Article • 2/25/2026 • 1 min read

To view what's new or changed in each release of the Aptean Advanced Lot Attributes extension, select the specific release version.

Date	Release version	Description
February 2026	2501.4.0.0	Platform release
July 2025	2501.3.0.0	Platform release
July 2025	2501.2.0.0	Stability release
April 2025	2501.1.0.0	Stability release
January 2025	2501.0.0.0	Feature release
October 2024	2402.2.0.0	Platform release
August 2024	2402.1.0.0	Stability release
August 2024	2402.0.0.0	Feature release
May 2024	2401.4.0.0	Stability release
May 2024	2401.3.0.0	Stability release
January 2024	2401.2.0.0	Stability release
January 2024	2401.1.0.0	Stability release
January 2024	2401.0.0.0	Feature release
June 2023	1.2.102859.0	Stability release
March 2023	1.1.83703.0	Stability release
February 2023	1.1.79554.0	Stability release
November 2022	1.0.65177.0	Feature release



2501.4.0.0

Release Note • 2/25/2026 • 1 min read

Enhancements/Modifications

With this release of the Aptean Advanced Lot Attributes extension, the *PurchaseSplitLine53FDW* codeunit has been updated to use the *InitFromPurchLine* procedure from the standard *Purch. Line-Reserve* codeunit instead of calling it directly on the *Tracking Specification* record. In Business Central, version 28, Microsoft relocated this procedure from the *Tracking Specification* table to the *Purch. Line-Reserve* codeunit. This change ensures that the split purchase line functionality continues to correctly initialize tracking specifications when creating reservation entries for split lines. These changes have been made to ensure compatibility with Business Central, version 28.



2501.3.0.0

Release Note • 7/2/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Advanced Lot Attributes extension, the *NoSeriesManagement* codeunit has been removed and replaced by the *No. Series* codeunit. This ensures compatibility with Business Central, version 27.



2501.2.0.0

Release Note • 7/2/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Advanced Lot Attributes extension, the translation file for the Chinese (zh-CN) language has been added.



2501.1.0.0

Release Note • 4/25/2025 • 1 min read

Enhancements/Modifications

The translation files for the Swedish (sv-SE) language have been updated with standard texts for better readability.



2501.0.0.0

Release Note • 1/29/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Fresh Bridge extension. To know more, see [What's new in Fresh Bridge, version 2501.0.0.0](#).



2402.2.0.0

Release Note • 10/30/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Advanced Lot Attributes extension, the *Whse.-Create Source Document* object has been made obsolete and replaced with *Purchases Warehouse Mgt* on the *WhseCreateSourceDocSubsc53FDW* and *PurchaseSplitLine53FDW* pages to ensure compatibility with Business Central, version 26.



2402.1.0.0

Release Note • 8/23/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Advanced Lot Attributes extension, the process has been enhanced to manage the *User Group* and *User Group Permission Set* tables. This ensures compatibility with both current and future versions of Business Central, even when these tables are deprecated.

Note

The *User Group* and *User Group Permission Set* tables are deprecated in Business Central, version 25.



2402.0.0.0

Release Note • 8/21/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Advanced Lot Attributes extension, you can assign the lot attribute values and execute the lot attribute functionality in assembly documents. To know more, see [What's new in version 2408.0.0.0](#).



2401.4.0.0

Release Note • 5/24/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Advanced Lot Attributes extension, modifications have been made to accommodate the following changes:

- Enhanced application interaction: Procedures have been added to enhance the application interaction, improve upgrade tag management, streamline upgrade and installation processes, and provide additional flexibility by managing upgrades on a per-company and per-database basis.
- Application area refresh: Updates have been implemented to improve the application area refresh process by integrating a new procedure into the Enable codeunit.
- Improved management of install and upgrade code: The Install and Upgrade codeunits have been updated to streamline the handling of installation, reinstallation, and upgrade processes, ensuring smoother transitions and minimizing disruptions during these operations.
- Centralized license management procedures: The existing license management codeunit has been modified to use centralized license management procedures, further reducing the need for application-specific adjustments.
- Enhancements have been made to update the process within the application to handle the User Group and User Group Permission Set tables. This change ensures compatibility with current and future versions of Business Central, even when the User Group and User Group Permission Set tables are deprecated.

Note

The User Group and User Group Permission Set tables are deprecated in Business Central, version 25.



2401.3.0.0

Release Note • 5/7/2024 • 1 min read

Enhancements/Modifications

The Swedish translation files have been updated with standard texts for better readability.



2401.2.0.0

Release Note • 1/29/2024 • 1 min read

Enhancements/Modifications

Modifications were made for this extension to accommodate the changes in the Aptean Fresh Bridge extension. To know more, see [What's new in version 2401.2.0.0](#).



2401.1.0.0

Release Note • 1/19/2024 • 1 min read

Enhancements/Modifications

Modifications were made for this extension to accommodate the changes in the Aptean Fresh Bridge extension. To know more, see [What's new in version 2401.1.0.0](#).



2401.0.0.0

Release Note • 1/17/2024 • 1 min read

Enhancements/Modifications

Modifications were made for this extension to accommodate the changes in the Aptean Fresh Bridge extension. To know more, see [Highlights of version 2401.0.0.0](#).



1.2.102859.0

Release Note • 6/8/2023 • 1 min read

Resolved Issues

The following issue has been resolved in this release:

ID	Description
119607	When a value is selected in the Lot No. Profile field on the Item Tracking FastTab of the Item Card page, and then the Functions > Split Line option is selected on the action bar of the Lines FastTab on the Purchase Order page, followed by entering quantities to split in the Split Quantity field on the Split Purchase Line page for the selected purchase order line, an error occurs on the Purchase Order page.



1.1.83703.0

Release Note • 5/24/2023 • 1 min read

Enhancements/Modifications

Modifications were made for this extension to accommodate the changes made in the Aptean Advanced Attributes extension (2.6.83610.0). To know more, see [What's new in version 2.6.83610.0](#).



1.1.79554.0

Release Note • 5/24/2023 • 1 min read

Enhancements/Modifications

Modifications were made for this extension to accommodate the changes in the Aptean Advanced Attributes extension (2.5.80385.0). To know more, see [Release Notes](#) of the Aptean Advanced Attributes extension.



1.0.65177.0

Release Note • 4/3/2023 • 2 min read

Features

- New functionality has been added on the **Advanced Lot Attributes Setup** page to prevent inconsistencies between global lot attribute values registered in the document lines and the lot number created from the document lines. For more information, see [Set the use of lot attributes from the Advanced Lot Attribute Setup page](#).
- To retain historical information about specific attributes and their values, the Advanced Lot Attributes extension (ALA) has implemented a check function that prevents renaming or removing lot attributes and their values. For more information, see [Rename or delete a lot attribute and its values](#).
- In the Advanced Attributes extension (AAT), changing the global lot attribute values is possible when the lot number is assigned to any document line. The user is notified of inconsistencies between the document line and lot level. In the ALA extension, these inconsistencies are undesirable; hence, functionality has been enhanced to ensure the automatic alignment of lot attribute values on the document line and lot level. For more information, see [Change Lot Attributes Value in the incoming documents line](#).
- In Standard Business Central, the same lot number can be assigned to several documents. Reusing lot numbers can cause an issue in item availability and cost (as both use the lot as a source of calculation). To prevent this issue, a check function is added in this extension to prevent the reuse of lot numbers. For more information, see [Reuse of lot numbers in incoming documents](#).
- To ensure you can work with the restrictions imposed by the '*Strict use of lot attribute values*', a **Split Line** function is added to the purchase order to easily create new purchase lines in case of lot attribute values deviation. For more information, see [Split Purchase line from Purchase Order](#).
- Furthermore, the same split functionality is made available in the warehouse receipt line. For more information, see [Split warehouse receipt line](#).



Introduction

Article • 4/3/2023 • 1 min read

The main objective of the Apteian Advanced Lot Attributes (ALA) extension is to manage a specific set of business rules implemented over the lot attributes functionality provided by the Apteian [Advanced Attributes](#) extension. These business rules apply explicitly to trading and manufacturing companies in the food and beverage industry. In addition, the extension has several extra features made specifically for use in the fresh industry.

! Note

All the features and rules of the Apteian [Fresh Bridge](#) extension apply to this extension.



Setup

Article • 8/14/2024 • 1 min read

The following setups are required.

- [Manage permission sets](#)
- [Set up lot attributes](#)



Manage permission sets

Article • 10/21/2024 • 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 *ADVANCEDLOTATTRFDW*.

Indirect permission sets

Users with this permission set can perform specific actions. This is used in conjunction with other permission sets and typically involves additional conditions or approvals before an action can be completed.

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

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 Advanced Lot Attribute extension, ensuring secure and role-based access.



Set up lot attributes

Article • 4/3/2023 • 4 min read

The **Strict use of Lot Attribute Values** setup option help to prevent differences between global lot attribute values registered in the document lines and the lot number created from the document lines. The global lot attribute values remain constant when the lot number is associated with a document line.

To set the use of lot attributes

1. Select the Search icon , enter **Advanced Lot Attributes Setup** and then choose the related link.
The **Advanced Lot Attributes Setup** list page opens.
2. Turn on the **Strict use of Lot Attribute Values** toggle to specify that the lot attribute values for the linked lot number should match with the lot attribute values on the source document line.

Note

There must be no incoming order lines in order to enable the **Strict use of Lot Attribute Values** toggle; otherwise, an error message will appear.

3. If you turn off the **Strict use of Lot Attribute Values** toggle, a dialog box appears and displays the following message:
"By deactivating the checkmark Strict Use of Lot Attribute Values, it is possible to register lot attribute values on lot numbers that are different from the lot attribute values on the source document line linked to the lot number. Also, it is possible to delete lot attributes and lot attribute values that are part of your historical transaction data. Are you sure you want to deactivate?"
4. Choose the **Yes** button to deactivate.

Rename or delete a lot attribute and their values

When the lot attribute and its values are defined, and the lot number is assigned for the document lines, you cannot change their names or delete them. If you try, you'll get an error message. However, when the lot attribute and its values are not specified in the document lines and lot level, you can rename or delete them. Select the attribute's name on the **Lot Attributes** page to rename or delete. To delete, click the context menu and then select delete. Likewise, you can also select an attribute's name and edit its name.

Note

Ensure that the lot attributes are not set on the **Advanced Attributes Setup** page as the global lot attributes while you rename or delete the lot attributes.

Change Global Lot Attributes Value in the incoming documents line

With the **Strict use of Lot Attribute values** toggle set to 'On', the system will always update global lot attribute values that are changed on the document line to all lot numbers created in the item tracking line for that document line. This ensures that global lot attributes are not different across lot numbers.

The incoming document must adhere to the following criteria in order to automatically update the global lot attribute values on the lot level.

- The toggle for the **Strict use of Lot Attribute values** is turned on.
- The value of the **Quantity Received** field should not be zero.
- A warehouse receipt should not be present in the source document line.

Note

In general, you can change the value of the global lot attributes in the document line but not at the lot level.



Split lines

Article • 4/3/2023 • 4 min read

The **Strict use of Lot Attribute values** toggle on the **Advanced Lot Attributes Setup** page force you to create a new line if the received lot number partially differs from the lot number attributes. A dedicated **Split Line** function is created on the **Purchase Order** to easily split the purchase line.

Split a purchase line

1. Select the purchase line to be split.

Note that an error will be thrown if the warehouse receipt line is available for this purchase order.

2. On the action bar, go to **Functions > Split Line**.

Alternatively, press **Ctrl + Alt + S** to open the **Split Line** page.

The **Split Line** page opens with the original purchase line.

3. In the header, enter the quantity in the **Split Quantity** field. The split quantity cannot have more than the outstanding quantity for the purchase line.

If a line has more than one lot number, select the specific lot number line to perform the split function. After selecting, enter the split quantity in the **Split Quantity** field at the line level.

4. Close the page.

A dialog box appears and displays the following question:

Do you want to split the purchase line?

5. Choose **Yes**.

You can now see the newly created line and the updated quantity.

Note

You cannot split the purchase order by more than fourteen.

Change Global Lot Attribute values on the Warehouse Receipt

The global lot attributes are inherited from the purchase order lines to the warehouse receipt lines when creating warehouse receipts directly from the purchase order.

It is only possible to change global lot attribute values when they are left blank on the corresponding purchase order line. Therefore, if the actual lot attribute values differ from the warehouse receipt line, you should use the **Split Purchase Line** function to create a new line with the correct lot attribute values.



 Note

The associated lot numbers are updated with the modified values.

Split warehouse receipt line

The Split line function, available on the purchase order, can also be called from the warehouse receipt line. The function will split the purchase line and directly update the warehouse receipt document.

The following procedure describes how to split the warehouse receipt lines:

1. Select the Search icon , enter **Purchase Order** and then choose the related link.
The **Purchase Order** list page opens.
2. Select the desired **No.** from the list and ensure that the document is released.
3. On the action bar, select **Actions > Warehouse > Create Whse. Receipt**.
You can create a warehouse receipt related to the source document of the purchase order.
A **Warehouse Receipt** page opens.
4. The lines from the source document are inserted into the warehouse receipt.
5. On the **Lines** FastTab, go to **Functions > Split Line**.
Alternatively, press **Ctrl + Alt + S** to open the **Split Purchase Line** page.
The **Split Purchase Line** page opens with the original purchase line.

 Note

You can split the warehouse receipt line if the source document is a purchase order and the warehouse put-away is not available in the line.

6. In the header, enter the quantity in the **Split Quantity** field.
The split quantity cannot have more than the actual quantity.
If a line has more than one lot number, select the specific lot number line to perform a split function. After selecting, enter the quantity in the **Spilt Quantity** field at the line level.
7. Close the page.
A dialog box appears and displays the following question:
Do you want to split the warehouse line?
8. Choose **Yes**.
9. Close the **Warehouse Receipt** page.
You can now see the newly created line and the updated quantity on the **Purchase Order** and **Warehouse Receipt** page.

