

User Manual

Aptean Food and Beverage ERP

Empty Goods for Drink-IT

Product Documentation



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Release notes

Article • 7/22/2026 • 2 min read

To view what's new or changed in each release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, select the specific release version.

Date	Release version	Description
July 2026	2603.0.0.0	Major release
June 2026	2602.2.0.0	Minor release
May 2026	2602.1.0.0	Minor release
April 2026	2602.0.0.0	Major release
March 2026	2601.2.0.0	Stability release
February 2026	2601.1.0.0	Stability release
January 2026	2601.0.0.0	Feature release
November 2025	2505.4.0.0	Stability release
October 2025	2505.3.0.0	Stability release
September 2025	2505.2.0.0	Stability release
August 2025	2505.1.0.0	Stability release
August 2025	2505.0.0.0	Feature release
July 2025	2504.0.0.0	Feature release
July 2025	2503.0.0.0	Feature release
July 2025	2502.3.0.0	Stability release
May 2025	2502.2.0.0	Stability release
May 2025	2502.1.0.0	Stability release
April 2025	2502.0.0.0	Feature release
April 2025	2501.2.0.0	Platform release
March 2025	2501.1.0.0	Platform release

March 2025	2501.0.0.0	Feature release
March 2025	2404.6.0.0	Platform release
February 2025	2404.5.0.0	Stability release
February 2025	2404.4.0.0	Stability release
February 2025	2404.3.0.0	Stability release
December 2024	2404.2.0.0	Stability release
December 2024	2404.1.0.0	Stability release
December 2024	2404.0.0.0	Feature release
November 2024	2403.12.0.0	Stability release
November 2024	2403.11.0.0	Platform release
October 2024	2403.10.0.0	Stability release
October 2024	2403.9.0.0	Stability release
September 2024	2403.8.0.0	Stability release
September 2024	2403.7.0.0	Stability release
September 2024	2403.6.0.0	Stability release
September 2024	2403.5.0.0	Stability release
August 2024	2403.4.0.0	Stability release
August 2024	2403.3.0.0	Stability release
July 2024	2403.2.0.0	Stability release
July 2024	2403.1.0.0	Stability release
July 2024	2403.0.0.0	Feature release
June 2024	2402.1.0.0	Platform release
June 2024	2402.0.0.0	Feature release
April 2024	2401.0.0.0	Feature release
March 2024	2312.3.0.0	Stability release



March 2024	2312.2.0.0	Stability release
February 2024	2312.1.0.0	Platform release
December 2023	2312.0.0.0	Feature release
July 2023	23.500.105382.0	Feature release
June 2023	23.300.100844.0	Feature release
January 2023	20.202301.0.0	Feature release
November 2022	20.202211.0.0	Feature release
September 2022	20.202209.0.0	Feature release
July 2022	20.202207.0.0	Feature release
May 2022	20.202205.0.0	Feature release
March 2022	18.202203.0.0	Feature release
January 2022	18.202201.0.0	Feature release



2603.0.0.0

Release Note • 7/22/2026 • 2 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods extension, the posting groups on empty goods attached lines on sales and purchase documents are now derived from the **Gen. Bus. Posting Grp**, **VAT Bus. Posting Grp**, **Gen. Prod. Posting Grp**, and **VAT Prod. Posting Grp** field values configured on the reason code. When these fields are blank on the reason code, the posting groups fall back to the item charge setup and the document header or item line defaults.

Note: The Feature Control in the Aptean Beverage Empty Goods extension must be enabled for this enhancement to take effect. The **Gen. Bus. Posting Grp**, **VAT Bus. Posting Grp**, **Gen. Prod. Posting Grp**, and **VAT Prod. Posting Grp** fields on the **Reason Code Card** page are only visible when the Feature Control in the Aptean Beverage Foundation Management extension is also enabled. Both Feature Controls are one-way switches and cannot be disabled once enabled.

Resolved issues

The following issues have been resolved in this release.

ID	Description
370961	An error occurs when partially posting a shipment on a Sales Order where items are linked to an Empty Good Code with the Rounding field value set to <i>Down</i> or <i>Nearest</i> .
383260	The system fails to apply the Up Rounding Type field value to Empty Goods Lines during partial warehouse shipments and receipts, leaving the fractional quantity unchanged instead of rounding it up to the next whole quantity.



2602.2.0.0

Release Note • 6/24/2026 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
376046	The system fails to correctly update the Qty. to Ship and Quantity Shipped field values on the attached empty goods line when posting a warehouse shipment or receipt with the Underdelivery or Overdelivery field selected, causing these fields to show incorrect values instead of the actual shipped or received quantity.
373043	The system fails to prevent duplicate Empty Goods Lines on the Purchase Order page created from the Blanket Purchase Order page with the EGM Document Calc. Point field value set to <i>Validation</i> on the Vendor Card page.
368102	The system fails to apply the specified date range when running the Empty Goods Statement report with the Based On field value set to <i>Invoices/Credit Memos</i> , causing entries outside the date range to be included in the deposit amount totals.
355216	In Belgian localization, the system fails to exclude specific VAT Product Posting Groups from the VAT Annual Listing and VAT Annual Listing - Disk reports, causing deposit entries assigned to a dedicated VAT Product Posting Group to be included when they should be omitted.



2602.1.0.0

Release Note • 5/27/2026 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
372940	The system incorrectly reopens and re-releases a sales order when processing return entry lines into a sales return order from the Return Entry page. This occurs when the Empty good return entry to Return Order or Full good return entry to Return Order toggle on the Empty Good and Deposit Management FastTab is turned on and the system creates a separate sales return order for the empty goods lines.
361293	An error occurs when posting a negative invoice for a customer or vendor that has the Allow Neg.Val.Inv. field value set to <i>Yes</i> and a payment method with a balancing account configured. The system fails to post the automatically generated payment entry because the sign of the payment amount does not match the standard validation for <i>Payment</i> and <i>Refund</i> document types.



2602.0.0.0

Release Note • 4/22/2026 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
370702	An error occurs when posting a sales order with negative line amounts and the bill-to customer has the Allow Neg.Val.Inv. 104FDW field value set to Yes. This issue arises because the system only checks the Account No. field value in the general journal line and fails to check the Bal. Account No. field value. Additionally, the same issue occurs for purchase documents when the vendor appears in the Bal. Account No. field.



2601.2.0.0

Release Note • 3/25/2026 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
361292	The system fails to post a sales order shipment when a sales line uses a non-base unit of measure (e.g., CRATE instead of BOTTLE) and the item has an empty goods code with a Qty Per Base UOM field value less than 1 and rounding set to <i>nearest</i> . Additionally, the system incorrectly rounds the empty goods quantity to zero, deletes the deposit sales line, and displays an error.



2601.1.0.0

Release Note • 2/25/2026 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
347885	The system fails to update the Shipment Date field value in the sales line when changing the Shipment Date field value from the Route Planning Worksheet page.
357414	The system fails to update the Shipment Date field value on the sales header when changing the Route and Shipment Date field values. Additionally, the system does not update the corresponding fields in the sales lines.



2601.0.0.0

Release Note • 1/28/2026 • 1 min read

Features

With the features added in this release of the Apteau Beverage Empty Goods Management extension, Drink-IT Edition,

- The Apteau [Feature Control](#) extension allows you to enable or disable the Apteau Beverage Empty Goods Management extension, Drink-IT Edition, based on your implementation needs. When the application is disabled, its functionality is no longer available to use. If any other extensions depend on the Apteau Beverage Empty Goods Management extension, Drink-IT Edition, the system automatically disables those extensions as well. This prevents you from accessing dependent functionality and avoid configuration conflicts, ensuring the system remains in a consistent and supported state.
- You can turn on the **Check Tax Rule for Order Entry** toggle on the **Tax Management Setup** page to allow tax rules to be checked directly during order entry, instead of waiting until the execution of the **Apply Changes** action. When the toggle is turned on directly when entering a quantity, the tax rules are checked, and an error is displayed when the tax rule is blocked.

UI/UX changes

The **Check Tax Rule in Return Entry** toggle has been added to the **Order/Return Entry** FastTab of the **Tax Management Setup** page.



2505.4.0.0

Release Note • 11/4/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean EDI extension. For more information, see [What's new in EDI, version 2515.1.0.0](#).



2505.3.0.0

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

Resolved issues

The following issue has been resolved in this release.

ID	Description
330082	The system incorrectly deletes the empty goods and tax lines from sales orders when the Condition Customer Date Type field value is set to <i>Shipment Date</i> on the Customer Card page. This issue occurs after updating the shipment date on a released sales order, created by executing the Copy Document action. As a result, both empty goods lines and tax lines are deleted from the sales order lines.



2505.2.0.0

Release Note • 9/24/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Beverage Sales-Purchase Conditions extension, Drink-IT Edition. For more information, see [What's new in Beverage Sales-Purchase Conditions, version 2506.0.0.0](#).



2505.1.0.0

Release Note • 8/29/2025 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
311192	An error occurs when executing the Apply Changes action on the Return Entry page for a sales order. This issue arises when the warehouse shipment linked to the sales order contains promotion free and mix items.
321752	An error occurs when processing temporary sales order lines.

 **Note**

This issue occurs only when the Aptean [Foundation Management](#) and Aptean [Sales-Purchase Conditions](#) extensions are installed.



2505.0.0.0

Release Note • 8/27/2025 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
301492	The system fails to generate empty goods document lines when the Sales Document Calc. Point field value is set to <i>Release</i> on the Empty Goods & Deposit Management Setup page, and the shipment date is changed after releasing the sales order.
321964	The system fails to support the use of temporary sales line tables for VAT calculations after upgrading to version 2504.0.0.0. This results in errors when processing sales shipments with prices and VAT field values.



2504.0.0.0

Release Note • 7/30/2025 • 1 min read

Features

With the feature added in this release of the Aptean Beverage Empty Goods Management extension, Drink-IT Edition, the **Quantity** field on the **Document Empty Goods Lines** page displays the original order quantity, regardless of partial posting or remaining quantity. This works similar to sales and purchase orders involving deposit items.

Resolved issues

The following issue has been resolved in this release.

ID	Description
304081	The system displays an error message when selecting an empty goods item on the sales lines on the Sales Order page. This issue occurs when the empty goods location has the same value as the location, even though the Inventory Posting Setup page is configured correctly.



2503.0.0.0

Release Note • 7/2/2025 • 1 min read

Features

With the features added in this release of the Aptean Beverage Empty Goods and Deposit Management, Drink-IT Edition, the system applies rounding logic as defined in the **Rounding** field on the **Empty Goods Item Classification** page, which is linked to the **Empty Good Code** page, to fields in the purchase document line.



2502.3.0.0

Release Note • 7/2/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean EDI extension. For more information, see [What's new in EDI, version 2511.0.0.0](#).



2502.2.0.0

Release Note • 5/29/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
282958	An error occurs when executing the Preview Posting action on the sales order that contains empty goods with the inventory unit value. This issue arises when the Automatic Cost Adjustment field value is set to <i>Always</i> on the Inventory Setup page.



2502.1.0.0

Release Note • 5/21/2025 • 2 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, you can modify the **Unit Price/Direct Unit Cost**, **Line Discount %**, **Line Amount**, and **Line Discount Amount** field values in the empty goods lines of the sales or purchase documents based on the value selected in the **Allow Price and Discount Changes Attached Lines** field on the **Reason Code** page. Additionally, you can modify the field values in orders and return orders only when the items are fully received or fully shipped.

You can modify field values based on the options you select in the **Allow Price and Discount Changes Attached Lines** field, as described below:

Allow Price and Discount Changes Attached Lines field value	Description
Sales	Can modify the field values in the sales documents.
Purchase	Can modify the field values in the purchase documents
Both	Can modify the field values in sales and purchase documents

This enhancement addresses the issue reported in bug ID #277660.

UI/UX changes

The **Allow Price and Discount Changes Attached Lines** field has been added to the **Reason Code** page.

Resolved issues

The following issue has been resolved in this release.

ID	Description
288010	The system fails to create empty-goods ledger entries for all lot numbers when posting a sales order with multiple lots, instead creating entries only for the first selected lot number.



2502.0.0.0

Release Note • 4/29/2025 • 1 min read

Features

With this release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, the feature control functionality has been enhanced to ensure proper operation during data imports into newly created companies or when using the **Data Import Wizard** page. To prevent issues with feature control for Drink-IT applications, importing a .zip file via the **Data Import Wizard** page is supported only in the current company. To know more, see [Data import process with feature control](#).



2501.2.0.0

Release Note • 4/9/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, automated test scripts have been added to validate that empty goods ledger entries are not created when posting shipments for items without empty goods and deposit management setup.



2501.1.0.0

Release Note • 3/21/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, common warnings in various objects have been removed or marked as obsolete, as part of a code cleanup activity.

Note

This enhancement is made in continuation with the changes implemented in version [2404.6.0.0](#).



2501.0.0.0

Release Note • 3/18/2025 • 2 min read

Features

With this release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, the return entry process has been redesigned to provide a seamless and consistent experience when managing full and empty goods returns. You can add and modify return entries from the **Sales Order**, **Sales Return Order**, or the **Route Planning Worksheet** page, ensuring flexibility and accuracy in handling returns. The following enhancements have been made to improve the return entry process.

- Sales orders and sales return orders contain the same return entry information, ensuring uniformity across documents.
- If all return lines are set to zero on the **Sales Return Order** page, the system automatically deletes both the header and line records.
- When empty goods are created as a sales return order, you can still modify the return entries on the **Sales Order** page for better control over return processing.
- The return entry process works correctly on the **Route Planning Worksheet** page, allowing you to apply changes without encountering errors.

These changes apply to purchase orders, ensuring a consistent return management workflow across both sales and purchase transactions.

Resolved issues

The following issues have been resolved in this release.

ID	Description
241067	The system fails to correctly round off the sales or purchase empty good quantity in the sales or purchase line based on the item unit of measure when the Rounding field value is set to <i>No</i> on the Empty Goods Items Classifications page, leading to unit conversion inconsistencies.
276704	The system incorrectly generates the records on the Empty Goods Ledger Entries page when posting the shipment for items without an empty goods and deposit management setup, even though no document empty goods lines exist in the posted shipment.



2404.6.0.0

Release Note • 3/4/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, common warnings in various objects have been removed or marked as obsolete, as part of a code cleanup activity.



2404.5.0.0

Release Note • 2/28/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
270942	The system calculates and invoices taxes twice on certain sales orders when the Sales Document Calc. Point field is set to <i>Validation</i> on the Empty Goods & Deposit Management Setup page. This issue occurs when a sales quote is created and released with item charges, then converted to a sales order and released.



2404.4.0.0

Release Note • 2/21/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
262466	The system incorrectly displays the reason code details on the Empty Goods Balance FactBox of the Customer Card page instead of displaying the empty goods item number and quantity details.



2404.3.0.0

Release Note • 2/6/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, you can delete a line on the **Return Entry** page. Additionally, if the **Quantity** field value is set to 0 on the **Return Entry** page, the system does not create a line on the associated **Sales Order** page. This works similarly on the **Purchase Order** and **Route Planning Worksheet** pages.

Resolved issues

The following issue has been resolved in this release.

ID	Description
240465	The system fails to update the Qty. to Ship field value on the Lines FastTab of the Sales Order page. This issue occurs when the Quantity field value is changed upon executing the Apply Changes action on the Order Entry page associated with the sales order after partial posting.



2404.2.0.0

Release Note • 12/23/2024 • 2 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
256401	The system fails to create the document empty goods lines with the correct quantity after executing the Get Posted Document Lines to Reverse action on the Sales Return Order page. This issue arises when the Sales Document Calc. Point field is set to <i>Release</i> on the Empty Goods & Deposit Management Setup page and the associated sales invoice line includes multiple shipments. This issue also occurs in the following documents: • Sales Credit Memo • Purchase Return Order • Purchase Credit Memo Additionally, the same issue occurs upon executing the Correct Financial action on the Posted Sales Invoice and Posted Purchase Invoice pages.
245763	The system fails to create the document empty goods lines with the correct quantity after executing the Get Posted Document Lines to Reverse action on the Sales Return Order page. This issue arises when the Sales Document Calc. Point field is set to <i>Validate</i> on the Empty Goods & Deposit Management Setup page and the associated sales invoice line includes multiple shipments. This issue also occurs in the following documents: • Sales Credit Memo • Purchase Return Order • Purchase Credit Memo Additionally, the same issue occurs upon executing the Correct Financial action on the Posted Sales Invoice and Posted Purchase Invoice pages.



2404.1.0.0

Release Note • 12/18/2024 • 2 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, you can define whether the sales lines with the **Qty to Ship** field set to 0 should be displayed on the **Posted Sales Invoice** page. This is configured in the **Show zero Quantity Invoice/CrMemo lines** toggle on the **Sales & Receivables Setup** FastTab of the **Empty Goods & Deposit Management Setup** page. Similarly, you can define whether the purchase lines with the **Qty to Receive** field set to 0 should be displayed on the **Posted Purchase Invoice** page. This is configured in the **Show zero Quantity Invoice/CrMemo lines** toggle on the **Purchase & Payables Setup** FastTab of the **Empty Goods & Deposit Management Setup** page. This enhancement addresses the issue reported in bug ID #238978.

UI/UX changes

The **Show zero Quantity Invoice/CrMemo lines** toggle has been added to the **Sales & Receivables Setup** and **Purchase & Payables Setup** FastTabs of the **Empty Goods & Deposit Management Setup** page.

Resolved issues

The following issues have been resolved in this release.

ID	Description
251251	The system incorrectly displays the Shipped and Received field values on the Empty Goods Statement report by summing quantities, instead of showing outbound quantities in the Shipped field and inbound quantities in the Received field.
238978	The system fails to display the lines with the Qty. to Ship and Qty. to Receive field values set to 0 on the Posted Sales Invoice and Posted Purchase Invoice pages, respectively.



2404.0.0.0

Release Note • 12/12/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Beverage Foundation Management extension, Drink-IT Edition. To know more, see [What's new in Foundation Management, version 2404.0.0.0](#).



2403.12.0.0

Release Note • 11/21/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
240468	The system fails to delete the values of the attached document empty good lines upon modifying the Location Code , Reason Code , and Quantity field values on the Sales Order or Purchase Order page.



2403.11.0.0

Release Note • 11/19/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, code changes have been implemented in the *IntlPosingUtils102FDW* codeunit to resolve locking issues on document empty goods lines and tax ledger entries when posting sales and warehouse shipment documents.



2403.10.0.0

Release Note • 10/9/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
238368	The system fails to update the Reason Code field on the related Sales Return Order and Sales Order pages after executing the Return Entry action on the Blanket Sales Order page.



2403.9.0.0

Release Note • 10/9/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
238201	The system experiences a performance issue during the posting of the order after updating the Quantity Shipped and Quantity Invoiced fields on the related document empty good lines.
237468	The system fails to display the empty goods and tax lines on the Sales Order page after updating the Bin Code field on a released sales order. Additionally, the system allows the Bin Code field to be updated even when the sales order status is not set to <i>Open</i> .



2403.8.0.0

Release Note • 9/20/2024 • 1 min read

Enhancements/Modifications

This release of the Aptean Beverage Empty Goods and Deposit Management extension, Drink-IT Edition, resolves an issue encountered when installing this extension in new environments.



2403.7.0.0

Release Note • 9/16/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
230705	The Ignore Deposit toggle is not available on the Reason Code Card page, even though the Ignore Deposit checkbox is available on the Reason Codes list page.
196706	The system fails to update the correct location code on the Sales Order page when the order return entry is created from a blanket sales order.
231471	The system fails to update the Reason Code field for empty goods lines on the Sales Order page when the reason code is changed for the item and the Calculate Drink-IT or Release action is executed.



2403.6.0.0

Release Note • 9/5/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods and Desposit Management extension, Drink-IT edition, 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.



2403.5.0.0

Release Note • 9/2/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
229855	The empty goods lines are not recalculated on the Sales Order page when the order is released. This issue occurs when the item number is modified after executing the Calculate Drink-IT Lines action.



2403.4.0.0

Release Note • 8/28/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
226591	The EGM Document Calculation Point field on the Customer Card or Vendor Card page does not display the correct options based on the settings configured on the Empty Goods & Deposit Management Setup page.



2403.3.0.0

Release Note • 8/13/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
224607	The Qty. to Invoice field for the attached empty good lines on a sales order are not updated when the Qty. to Invoice field value for the related item is modified.
225725	The empty good lines attached to a sales order are not deleted when the Quantity field for the related item is modified.



2403.2.0.0

Release Note • 7/12/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
219485	The tax and empty goods lines associated with the items on the sales order are duplicated when the sales order being shipped is reopened, a new item is added, and the order is released again.



2403.1.0.0

Release Note • 7/9/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
219114	The deposit lines are not posted on the Lines FastTab of the Sales Order or Purchase Return Order pages according to the configured Qty. to Handle field value on the Inventory Pick page. This issue arises when posting an inventory pick for a sales order or purchase return order.



2403.0.0.0

Release Note • 7/2/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods & Deposit Management extension, performance optimizations were implemented to prevent system delays.

UI/UX changes

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

- The **Rounding** field is added to the **Empty Goods Item Classifications** and **Document Empty Goods Lines** page.
- The **Rounding up (Obsolete)** field is removed from the **Empty Goods Item Classifications** page.

Resolved issues

The following issue has been resolved in this release.

ID	Description
175714	Rounding of the deposit items can only be set up as <i>No Rounding</i> or <i>Rounding Up</i> in the Rounding filed on the Empty Goods Item Classification page when handling deposits in the sales and purchase documents.



2402.1.0.0

Release Note • 6/27/2024 • 1 min read

Enhancements/Modifications

The *OnBeforeQueryCloseSalesReturnEntryPage* integration event is added to the *DocumentLinesPublisher104FDW* codeunit to enhance customization.



2402.0.0.0

Release Note • 6/13/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Empty Goods and Deposit Management extension,

- Code changes were made to the permission sets to optimize performance.
- Translations were added.



2401.0.0.0

Release Note • 4/2/2024 • 2 min read

Features

With this release of the Aptean Beverage Empty Goods & Deposit Management extension, you can:

- Specify if the **Variant Code** field on the **Return Entry** page is shown directly in the **Quick Entry** pane for sales and purchase documents within the Empty Goods & Deposit Management Setup.
- Update the **Variant Code** in the Quick Entry and Return Lines with the Sales Default value when using an **Item** with a *Sales Default* (Drink-IT Foundation) for the Return Entry of sales documents.
- Update the **Variant Code** with the Sales Default value in the Return Lines when using the **Get Recurring Sales Lines** action for an Item with a *Sales Default* (Drink-IT Foundation) for the Return Entry of sales documents.
- Update the **Variant Code** in the Quick Entry and Return Lines with the Purchase Default value when using an **Item** with a *Purchase Default* (Drink-IT Foundation) for the Return Entry of purchase documents.
- Update the **Variant Code** with the Purchase Default value in the Return Lines when using the **Get Recurring Sales Lines** action for an Item with a *Purchase Default* (Drink-IT Foundation) for the Return Entry of purchase documents.

UI/UX changes

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

- The **Quick Entry** FastTab is added to the **Empty Goods & Deposit Management Setup** page.
- The **Variant Code** field is added to the **Quick Entry** FastTab of the **Return Entry** page associated with the sales and purchase documents.

Resolved issues

The following issues have been resolved in this release:

ID	Description
183980	While executing the Get Recurring Purchase Lines action on the Return Entry page with multiple lines linked to the Recurring Purchase Lines, only the last line is updated to the Return Entry Lines.



184090	An error occurs while executing the Apply Changes action on the Return Entry page for a customer when Empty Good Return Entry to Return Order and Full Good Return Entry to Return Order toggles on the Customer Card page are turned on.
184577	The EGM Document Calc. Point field is not correctly updated on the Customer/Vendor Card page based on the value in the Sales Document Calc. Point and Purchase Document Calc. Point fields on the Empty Goods & Deposit Management Setup page.



2312.3.0.0

Release Note • 3/20/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
168725	Upon executing the Return Entry action on the Blanket Sales Order/Purchase Order page, empty Sales/Purchase/Return Orders were created.
166326	Upon executing the Return Entry action on the Blanket Sales Order page for an order that has Blanket Sales Order Type as <i>Event</i> , incorrect negative quantities were displayed in the Quantity field on the Lines FastTab.



2312.2.0.0

Release Note • 3/7/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
171474	The Description field associated with the deposit (G/L Account) lines attached to the Item line on the sales document page is not updated correctly on releasing the document, even when the Item Translation for the deposit item is set up and the corresponding Language Code is selected for the respective Customer.
171182	The Location Code field value is not populated on the document lines when an Empty Good is selected in the Quick Entry section of the Return Entry page for Sales and Purchase documents.
173894	An error message occurs when posting the Warehouse Shipment, where the selected customer is updated with the Empty Goods Business Group field value as blank after the creation of the pick.
171560	In BE localization, when a Sales Return Order is created through the Retry Entry page using the Apply Changes action, the Posting No. Series value is updated with Posted Invoice Nos. instead of a Posted Credit Memo Nos.



2312.1.0.0

Release Note • 2/5/2024 • 1 min read

Enhancements/Modifications

An integration event has been added to the **DocumentLine104FDW** table to inherit the **Invoice Group** field value from the **Empty Goods Rules** page. This event is necessary only when the **Movement Type** is set to *Deposit* on the **Empty Goods Rules** page. Additionally, two events have been added to the Sales (**IntlSalesHook104FDW**) and Purchase (**IntlPurchaseHook104FDW**) documents to inherit the **Invoice Group** field value from the document lines to the Sales or Purchase document lines based on the selected Empty Goods Rule.



2312.0.0.0

Release Note • 12/11/2023 • 1 min read

Enhancements/Modifications

When closing the **Return Entry** page, an event is added to allow for customizations.

Resolved issues

The following issues have been resolved in this release:

ID	Description
248356	The system allows registering lines on the Return Entry page even if the Status field of the sales or purchase order is <i>Open</i> .
250054	Upon reopening and modifying the customer of a previously released sales order, additional sales lines are added to account for deposits when the order is released again.
145267	• Lines from the recurring sales lines are not added automatically. • An error occurs while adding the lines manually on the Return Entry page.
161771	An error occurs while opening the Return Entry page from the Route Planning Worksheet page.



23.500.105382.0

Release Note • 7/6/2023 • 5 min read

Features

PBI No.	Description
234569	Display of correct Reason Codes on Purchase/Sales Return Entries.
243687	Support different return policies for returned empty goods and returned full goods (Return Entry to return order).

Resolved issues

PBI No.	Description
239950	Is Empty Good Item should not set the Inventory Value Zero to TRUE when selected.
223852	Incorrect dimension values in attached lines for TAX & EGM before/after release (or copy document).
244198	Unit of Measure on deposit lines should not be changed on warehouse posting.

PBI 234569 - Display of correct Reason Codes on Purchase/Sales Return Entries

What

Structured Reason codes

Why

Multiple Aptean Beverage apps make use of Reason Codes. To prevent yourself from selecting from a long list of codes, you can now define where you want a reason code to be available for selection. On the Return Entry page, you can only choose reason codes that are filtered based on whether the return entry is used in the sales or purchase process.



PBI 243687 - Support different return policies for returned empty goods and returned full goods (Return Entry to return order)

What

Support different return policies for returned empty goods and returned full goods (Return Entry to return order).

Why

Some customers require a separate credit memo for returned items, like deposited empty goods and one day returns (full goods). Others require returned items to be added to the order and be invoiced in the sales invoice. Or even a separate credit memo for the returned full goods and the empties included in the invoice.

How

1. Select the Search icon , enter **Customers**, and then choose the related link.
2. Select the customer you want to define the return policy for.
3. On the **Customer Card**, on the **Empty Goods and Deposit Management** FastTab, turn on the **Empty Good Return Entry to Return Order** and **Full Good Return Entry to Return Order** toggles as necessary. When a sales order is created for this customer:
 - The value of these toggles is copied to that order where you can still change them for that order.
 - When returns are registered on the **Return Entry** page:
 - Lines where the field **Is Empty Good** is Yes are processed according to the **Empty Good Return Entry to Return Order setup**.
 - Lines where the field **Is Empty Good** is No are processed according to the **Full Good Return Entry to Return Order setup**.

[!NOTE] In the previous version of Apteian Beverage, the field Return Entry to Return Order was already available. When this field was selected, then with this upgrade both new fields that replace the existing will also be selected.

PBI 239950 - Is Empty Good Item should not set the Inventory Value Zero to TRUE when selected

What

Is Empty Good Item should not set the Inventory Value Zero to TRUE when selected.

Why



An empty goods item is for cost posting an item like any other item. When you turn on the **Is Empty Good** toggle on the item card, the **Inventory Value Zero** field is also automatically selected. This is now not the case anymore. You can select the field, but it is not automatic anymore.

This change will have impact on new empty goods items.

PBI 223852 - Incorrect dimension values in attached lines for TAX & EGM before/after release (or copy document)

What

Incorrect dimension values in attached lines for EGM before/after release (or copy document).

Why

When you changed a dimension value in a sales document or purchase document, and confirmed the update lines message that appeared, then that change was not updating the document lines that were attached for deposits. This is solved.

PBI 244198 - The unit of measure on deposit lines should not be changed on the warehouse posting

What

When posting a warehouse shipment or receipt, the unit of measure code was changed on the attached tax and deposit lines in the source documents. That has been corrected.



23.300.100844.0

Release Note • 7/6/2023 • 1 min read

Enhancements/Modifications

The **Drink-IT Empty Goods and Deposit Management** has been rebranded to **Aptean Beverage Empty Goods, Drink-IT Edition**.

Resolved issues

PBI No.	Description
242772	Posting partial warehouse shipments gives error on deposit charges.
240059	Deposit Amounts for Items in Sales Lines with a Free Reason Code get 100% Line Discount after posting the Warehouse Shipment.

PBI 242772 - Posting partial warehouse shipments gives error on deposit charges

What

Posting partial warehouse shipments gives error on deposit charges.

Why

When posting a warehouse shipment in parts for an order with attached deposit charges, an error would occur on the second partial shipment. That has been resolved.

PBI 240059 - Deposit Amounts for Items in Sales Lines with a Free Reason Code get 100% Line Discount after posting the Warehouse Shipment

What

Deposit Amounts for Items in Sales Lines with a Free Reason Code get 100% Line Discount after posting the Warehouse Shipment.

Why



When posting a warehouse shipment for an item that was given away for free (100% Line discount), but where deposits are still charged, the deposit charge lines would falsely inherit the line discount of the item. That has been resolved.



20.202301.0.0

Release Note • 7/6/2023 • 3 min read

Features

PBI No.	Description
225691	Define Empty Good Location on Location Card.

PBI 225691 - Define Empty Good Location on Location Card

What

Define Empty Good Location on Location card.

Why

Companies may have a dedicated location for empty goods. It should be possible to setup that sales and purchase lines with empty goods items get that location instead of the location from the header.

How

1. Select the Search icon , enter **Locations**, and then choose the related link.
2. Select the desired **Code**
3. On the **Empty Goods and Deposit Management** FastTab , in the **Empty Goods Location Code** field , select a location code if you want sales and purchase lines with an empty good item (field **Is Empty Good** = **yes** on the item card) should be posted on that location, else leave it blank.
4. Create a sales order or return order with a location in the header.
5. Create a line with an empty good item, it will get the Empty Goods Location Code from the location of the header.
6. Create a line with an item that is not an empty good, it will get the location from the header.
7. Create a **purchase order or return order** with a location in the header.
8. Create a line with an empty good item, it will get the **Empty Goods Location Code** from the location of the header.
9. Create a line with an item that is not an empty good, it will get the location from the header.



20.202211.0.0

Release Note • 7/6/2023 • 4 min read

Features

PBI No.	Description
228610	EGM Event Mgt - Loan in Use items FactBox on Return Entry page.
230978	Event Mgt - Blanket order enhancement on Empty goods tracking.

Resolved issues

PBI No.	Description
231131	Quantity shipped is wrong for empty goods, and Qty. Per is not equal to 1 and posted with warehouse activities.

PBI 228610 - EGM Event Mgt - Loan in Use items FactBox on Return Entry page

What

Loan in Use items FactBox on **Return Entry** page.

Why

In the beverage industry, it is common to lend out items (equipment) to customers that will be returned later. We call this loan in use items. You can have a similar process with your vendors.

As an event manager, sales operator or purchase order processor, you want to have the overview per customer or vendor on balances for these loan in use items.

How

1. On the **Return Entry** page, in the **Loan in Use Balance** FactBox, you can see the overview with outstanding quantities per loan in use item for that customer or vendor. You can open the details on the quantity field to see the specification.



PBI 230978 - Event Mgt - Blanket order enhancement on Empty goods tracking

What

Event Mgt - Blanket order enhancement on Empty goods tracking.

Why

When you create blanket orders for events, and for other reasons, you want to be able to see the balance of empty goods on that blanket order, so you can inform the drivers how much should be collected back when the event is over.

How

1. Select the Search icon , enter **Blanket Sales Order** or **Blanket Purchase Orders**, and then choose the related link.
2. Open the card of the blanket order you want to view loan in use item balances for.
3. In the **Loan in Use Balance** FactBox, you can see the overview with outstanding quantities per loan in use item for that customer or vendor. You can open the details on the quantity field to see the specification.

Note

When sales or purchase transactions are linked to a blanket order, the blanket order fields will automatically be included in the empty goods ledger entries that are created with that transaction. You can make the fields visible by Personalize the page.

PBI 231131 - Quantity shipped is wrong for EGM Qty. Per is not 1 and posted with warehouse activities

What

Quantity shipped is wrong for Empty Goods. Qty. Per is not equal to 1 and posted with warehouse activities.

Why

When you posted a warehouse receipt or shipment with empty goods, the quantities for the empty goods were not always calculated correct. This is solved.



20.202209.0.0

Release Note • 7/6/2023 • 5 min read

Features

PBI No.	Description
225139	Set Deposit Prices Incl. VAT.
225210	Add Returns from Return Entry to documents when workflow is enabled.

Resolved issues

PBI No.	Description
225134	Document lines should be deleted when the type of the document line is changed.

PBI 225139 - Set Deposit Prices Incl. VAT

What

Set Empty Goods Deposit Prices Incl. VAT.

Why

In Germany, deposit prices that are charged to customers can be excluding VAT or including VAT. A customer who buys a bottle in retail pays 0.25 incl. VAT. When that same bottle is bought from a wholesaler, the deposit is 0.25 excl. VAT.

As a finance manager, you want to be able to select whether a deposit price includes or excludes VAT, so you are assured that the deposit is calculated correct.

How

1. Select the Search icon , enter **Items**, and then choose the related link.
2. On the **Items** page, open the card of the empty goods item you want to set prices for.
3. On the **Empty Goods and Deposit Management** FastTab of the **Item Card**, open details for **Sales Deposit Prices** or **Purchase Deposit Prices**.
4. On the **Deposit Prices** pages (Sales and Purchase), select the **Price Includes VAT** checkbox as necessary.



PBI 225210 - Add Returns from Return Entry to documents when workflow is enabled

What

Add Returns from Return Entry to documents when workflow is enabled.

Why

As a logistical planner, you are able to register returned items on your sales orders, purchase orders, or in the route planning worksheet. You can do this for instance with the use of the **Return Entry** page.

When your company has approval flows enabled on these orders, the system will not allow you to add the returns from the return entry page to the released order.

In Aptean Beverage Empty Goods and Deposit Management, it is possible (if your company policy allows) to skip the approval flow when you add the returns to the order, so you can always use the return entry page in combination with an order approval workflow.

How

- On the **Empty Goods & Deposit Management Setup** page, on the **Sales & Receivables Setup** FastTab, you can:
 - Select **Skip Sales Order Approval Workflow on Return Entry**.
 - When the checkbox is selected, the approval workflow will not be executed when changes are applied on the **Return Entry** page.
 - When the checkbox is not selected, the approval workflow will be executed when changes are applied on the **Return Entry** page. The lines will be added, the approval request will be sent and the status of the order will be changed to Pending Approval.
- On the **Empty Goods & Deposit Management Setup** page, on the **Purchase & Payables Setup** FastTab, you can:
 - Select **Skip Purchase Order Approval Workflow on Return Entry**.
 - When the checkbox is selected, the approval workflow will not be executed when changes are applied on the **Return Entry** page.
 - When the checkbox is not selected, the approval workflow will be executed when changes are applied on the **Return Entry** page. The lines will be added, the approval request will be sent and the status of the order will be changed to *Pending Approval*.



PBI 225134 - (EGM) Document Lines should be deleted when the type of the document line is changed

What

(Empty Good) Document Lines should be deleted when the type of the document line is changed.

Why

When you changed the Type in a document line from Item to another type,

- Empty Good Document Lines were not deleted for that line.
- Sales Lines (Deposit) that were attached to that line were not deleted.

This is solved.



20.202207.0.0

Release Note • 7/6/2023 • 4 min read

Features

PBI No.	Description
201669	Return Entry via Return order.
218916	Posting Preview does not show the preview empty goods entries anymore after FND's single hook improvement.
219875	Show the related empty goods items from the full good item card and show where empty goods are used in full goods.

Resolved issues

PBI No.	Description
220115	Blocking error on Empty Goods Statement.
220902	Fix move negative lines standard function to calculate EGM charges .
221690	Common Functions - commit - rollback error in vendor order with split deposit invoice.

PBI 210699 - Return Entry via Return order

What

Setup per customer and vendor if returned items should be added to the order, or be added to a return order.

Why

Some customers require a separate credit memo for returned items, like deposited empty goods and one day returns. Others require returned items to be added to the order and be invoiced in the sales invoice. It should be possible to process returned items both ways, depending on a setup field on the customer card. for Vendors it is the same, some vendor send separate credit memo's for returned items, others not.

How 1. Open the **Customer Card**. 2. On the **Empty Goods and Deposit Management** FastTab, turn on the **Empty Good Return Entry to Return Order** toggle. 3. Create a sales order and check **Empty Goods and Deposit**



Management FastTab.

The **Empty Good Return Entry to Return Order** toggle has inherited the value from the **Bill-to customer** checkbox, you could alter it for the order. 4. On the action bar, select **Actions > Functions > Return Entry**, fill in some quantities and leave the page with **Apply Changes**. The returned items were not added to the sales order. Find the sales return order with the same document no. The returned items were added to that.

The same for purchase orders. Check field **Return Entry to Return Order** on Fasttab **Empty Goods Management** on a **Pay-to Vendor** card.

PBI 218916 - Posting Preview does not show the preview Empty goods entries anymore after FND's single hook improvement

What

Posting Preview does not show the preview empty goods entries anymore.

Why

When you choose the **Preview Posting** action on a document with empty goods, the Posting Preview page did not include the Empty Goods Ledger Entries.

How

- On a document with lines that include an empty good, choose the **Preview Posting** action.
- The **Posting Preview** page shows a related **Empty Goods Ledger Entry** line.

PBI 219875 - Show the related empty goods items from the full good item card and show where empty goods are used in full goods

What

Show the related empty goods items from the full good item card and show where empty goods are used in full goods.

Why

As a master data manager, you have to assure yourself that the relation between empty goods items and full good returnable items is done in the proper way. You want to be able to this in an efficient and transparent way, so you can prevent yourself for making mistakes, without losing time.

How

- When an Item has an Empty Goods Code and Is not an Empty Good (so, a full good with returnable empties):



- You can see the list of Empty Goods Items for that Empty Goods Code when you execute the Action **Empty Goods Items**.
- When an Item has an Empty Goods Code and Is an Empty Goods:
 - You can see the list of Full Goods Items for that Empty Goods Code when you execute the Action **Where-Used**.

PBI 220115 - Blocking error on Empty Goods Statement

What

Blocking error on Empty Goods Statement

Why

When you tried to print an Empty Goods Statement, the system gave a blocking error.

How

The blocking error is solved.

PBI 220902 - Fix Move negative lines standard function to calculate EGM charges

What

The **Move negative Lines** action in an order would create a return order without the classifications for empty goods management and tax management. That has been corrected.

PBI 221690 - Common Functions - commit - rollback error in vendor order with split deposit invoice

What

Purchase invoices for vendors that were setup with an Empty good Business Group setup for split deposit invoices, would give a blocking error on posting. Therefore movement type *Split Deposit Invoice* has been disabled in this release. It will be replaced by a different function in a later release.



20.202205.0.0

Release Note • 7/6/2023 • 2 min read

Resolved issues

PBI No.	Description
218562	Fix error on sales lines when the item has no Empty Goods Code.
218654	Rounding Up in Item Classification is not applied correct .
215519	Fix error on create sales order from customer list or customer card.

PBI 218562 - Fix error on sales lines when the item has no Empty Goods Code

What

Fix error on sales lines when the item has no Empty Goods Code

Why

When you changed (deleted) an empty goods code on an item, you could get an error on the release of an order with that item. This is solved.

PBI 218654 - Rounding Up in Item Classification is not applied correct

What

Rounding Up in Item Classification is not applied correct.

Why

Empty good tracking + deposit can be set with rounding (up). For example, the Crate half full with bottles will still track 1 crate. In cases with high 'quantities per' it would not always round well, eg with thousands of bottles on one pallet, where the pallet is setup as empty good. That has been resolved.



PBI 215519 - Fix error on create sales order from customer list or customer card

What

When you create a **New Document** from the Customer List or Customer Card, the system gave an error when the customer was set up with automatic inserted recurring sales lines. This is solved.



18.202203.0.0

Release Note • 7/6/2023 • 6 min read

Features

PBI No.	Description
209958	Print Empty Goods Statement.
213023	Allow Negative Invoice amounts on a Purchase Process.
213990	Rounding the Qty. per Base UOM in Empty Goods Item Classifications.

Resolved issues

PBI No.	Description
213970	Common functions charge lines (VAT Calculation type) conflict with US Sales Tax.
214014	Fix the Rounding Up function on EMG Item Classifications.
214882	Recalculate Attached Lines when Unit of Measure is changed in Document Lines.

PBI 209958 - Print Empty Goods Statement

What

Print Empty Goods Statement.

Why

You already could send Empty Goods Statements to your customers. Multiple adjustments and improvements were done on the document.

How

1. Select the Search icon , enter **Empty Goods Statements**, and then choose the related link.
2. The **Empty Goods Statement** request page opens. Fill in fields as necessary and print or send the report.



PBI 213023 - Allow Negative Invoice amounts on a Purchase Process

What

Allow Negative Invoice amounts on a Purchase Process.

Why

As a financial accountant, you want to be able to post purchase invoices with a negative amount. In rare cases, it can be possible that the value of the returned empties is higher than the value of the received goods.

How

1. Select the Search icon , enter **Vendors**, and then choose the related link.
2. Open the card of the vendor you want to allow negative invoices for.
3. On the **Empty Goods and Deposit Management** FastTab, turn on the **Allow Negative Value Invoices** toggle.

PBI 213990 - Rounding the Qty. per Base UOM in Empty Goods Item Classifications

What

Rounding the Qty. per Base UOM in Empty Goods Item Classifications.

Why

When you create an Empty Goods Code for a pallet with boxes (20) that contain bottles (12), then you were not able to define the Qty. Per Base UOM in the Empty Goods Item Classifications for the empty goods pallet item when your item has bottle as base UoM. The value should be $1/12/20=0,00417$. The field only allowed 2 decimals, so it had a value of 0,00.

How

1. Select the Search icon , enter **Empty Goods Codes**, and then choose the related link.
2. On the action bar, select **Classifications > Item**.
3. Fill in the **Qty. per Base UOM** as necessary.



PBI 213970 -Common functions charge lines (VAT Calculation type) conflict with US Sales Tax

Fixed

Common functions charge lines (VAT Calculation type) conflict with US Sales Tax.

Instead of VAT, there is Sales Tax in the US. Not VAT setup, no item has a VAT Product Posting Group, no customer or vendor has a VAT Business Posting Group. Instead they have sales tax codes. This gave a conflict with creating document lines for Deposits. This is solved.

PBI 214014 - Fix the Rounding Up function on EMG Item Classifications

Fixed

Fix the Rounding Up function on EMG Item Classifications.

When an **Empty Goods Item Classification** was setup with **Rounding Up** = TRUE, then the Quantity in Document Lines (Sales and Purchase) for that code did not rounded up to the next integer. This is solved.

PBI 214882 - Recalculate Attached Lines when Unit of Measure is changed in Document Lines

Fixed

Recalculate Attached Lines when Unit of Measure is changed in Document Lines.



18.202201.0.0

Release Note • 7/6/2023 • 3 min read

Features

PBI No.	Description
203271	Document Deposit Amount should include FCY and LCY value.

Resolved issues

PBI No.	Description
205258	AL validation error in sales line for Assemble to order item.
206843	When posting warehouse shipment, get message sales order must be equal to <i>Open</i> in sales header.
208910	Change Key fields in a released order may require to recalculate charges.

PBI 203271 - Document Deposit Amount should include FCY and LCY value.

What

Document Deposit Amount should include FCY and LCY value.

Why

Deposit Amounts on documents in foreign currency were not calculated correctly.

How

Deposit Amount lines shown with FCY value and the LCY value.

PBI 205258 -AL validation error in sales line for Assemble to order item

What

AL validation error in sales line for Assemble to order item.

Why



Error occurs when the availability warning pop-ups are shown or wants to pop-up.

How

Error fixed.

PBI 206843 - When posting warehouse shipment, get message sales order must be equal to 'Open' in sales header

What

When posting warehouse shipment, get message sales order must be equal to *Open* in sales header.

Why

Error occurs when posting a warehouse shipment.

How

Error solved.

PBI 208910 - Change Key fields in a released order may require to recalculate charges

What

Change Key fields in a released order may require to recalculate charges.

Why

As a Logistics manager, it may happen that I am asked to change certain fields for a (released) order in my route planning activities. A customer may ask to delivery another day, or change the shipment method from pickup to delivery. My colleague from AR may ask me to change the payment method from credit to cash for a customer order.

It may even happen that I have to move an entire drive (multiple orders) to the next day, example, when a driver is ill, or a vehicle malfunctioning.

How

Shipment date/exp. receipt date, shipment method and payment method are criteria in Sales and purchase conditions and partly in Taxes and EG rules.

- When SPC is enabled, it will require to recalculate condition lines.



- When TAX enabled, it will require to recalculate condition lines.
- When EGM is enabled, it will require to recalculate condition lines.

The user should be asked one time to confirm this. If yes,

- Reopen order, update changed criteria field, release again with new recalculation of document APP lines, and attached charge lines.
- when changed for an entire drive (multiple orders): ask only one time, not per order again.
- when the criterion is in place for multiple extensions (SPC, TAX, EGM), ask only one time, not per App again.



Introduction

Article • 3/7/2024 • 1 min read

In the dynamic world of the beverage business, the management of returnable packaging items stands as a pivotal function. The Aptean Beverage Empty Goods and Deposit Management (EGM) extension, Drink-IT Edition, seamlessly integrates into beverage companies' operations, offering a comprehensive solution for tracking and managing returnable packaging items such as kegs, CO2 tanks, bottles, crates, and pallets. It simplifies the tracking of the amount customers/vendors should receive/pay for each type of empty packaging, facilitating easy deposit refunds when necessary.

Business Processes

- [Release notes](#)
- [Getting started](#)
- [Create your own Demo company](#)
- [Setting up empty goods and deposit management](#)
- [Business process walkthroughs](#)
- [App design details](#)



Create your own demo company

Article • 4/30/2025 • 4 min read

Aptean Beverage is available in multiple countries. For each country, a dedicated demo company is available. This country specific company contains setup that is specific for that country (VAT, excises, language, etc.). They are all based on the Business Central Cronus company for that country. With this company, you can:

- Verify the example [Setup](#).
- Execute the [Walkthroughs](#) in our online documentation.

Install Drink-IT

1. Select the Search icon , enter **Extension Marketplace**, and then choose the related link.
2. In the Search box, enter **Aptean Beverage Drink-IT Edition**.
3. Select the Bundle that meets your business requirements.
4. Choose the **Free trial** action and install the app.

Create the demo Company

1. Select the Search icon  , enter **Data Import Wizard**, and then choose the related link.

The **Data Import Wizard** page opens.

2. Select **Next**.
3. In the **Company Selection** field, select *New Company*.
4. In the **New Company Name** field, enter a name.
5. Select **Next**.
6. Select the **Upload a file to import** link and then select the .zip file for your country.
7. Select **Next**.
8. Select **Finish** to create your demo company. This will take one hour or more.

Note

Names and codes in your demo company can differ from the ones used in the walkthroughs. Since the Aptean Beverage setup is the same for all the countries, the walkthroughs can be used in every country. In the country specific deviations, you can verify these deviations.



Data import process with feature control

To import data into a new company using the **Data Import Wizard** page, follow these steps:

1. Open the **Companies** page.
2. On the action bar, select **Create New Company**.
The **Create New Company** page opens.
3. Enter the name of the company.

Note

You must create the new company using the *Create New - No Data* option.

4. Switch to the newly created company.
5. Open the **Feature Control** page to setup and activate feature control settings for the new company.
6. Open the **Data Import Wizard** page.
7. Select the .zip file that contains the data to be imported into the current company.
8. Select **Finish**.



Setting up empty goods and deposit management

Article • 7/6/2023 • 1 min read

Before you can start using Aptean Beverage Empty Goods and Deposit Management there are few things to setup. You need to define for example which items are returnable items and to which full good items these returnable are included.

The following table describes a sequence of tasks, with links to the topics that describe them.

To	See
Set up permission sets	Manage permission sets
Setup empty goods business groups to classify your customers and vendors for empty goods and deposits.	Setting up empty goods business groups
Set up your own empty goods codes that represent an empty good.	Setting up empty goods codes
Set up codes for your empty goods to classify items for empty goods.	Setting up empty goods codes classification
Configure the rules that define the policies for empty goods calculations in transactions.	Setting up empty goods rules
Setup general ledger accounts for deposits and create posting set up.	Finance for deposits
Setup customers and sales deposit prices for empty goods.	Sales for deposits
Setup vendors and purchase deposit prices for empty goods.	Purchasing for deposits



Setup items for empty goods.	Inventory for empty goods
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Manage permission sets

Article • 10/28/2024 • 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 *EMPTGOODDEPMGT104FDW*.

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 *EMPTGOODDEPMGB104FDW*.

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 Beverage Empty Goods and Deposit Management extension, ensuring secure and role-based access.



Setting up empty goods business groups

Article • 7/6/2023 • 2 min read

Empty Goods Business Groups are used to classify your customers and vendors for empty goods and deposits. Examples:

- Trace empty good and calculate deposit
- Trace only. No deposit.
- Select the Search icon , enter **Empty Goods Business Groups** and then choose the related link.
- On the **Empty Goods Business Groups** page, choose the **New** action.
- Fill in the fields as necessary. Hover over a field to read a short description.

See also

[Setting Up Empty Goods Rules](#)

[To classify a customer for empty_goods](#)

[To classify a vendor for empty_goods](#)



Setting up empty good codes

Article • 7/6/2023 • 2 min read

Create Empty Good Codes for each empty good that drink-it should support.

Examples:

- General Empty Bottle 33CL - Returnable
- General Empty Crate 24 without bottles - Returnable
- General Empty Crate 24 with bottles - Returnable
- General Keg 50L
- General Keg 50L Serial No.
- Pallet (EUR)

To create a new empty good

1. Select the Search icon , enter **Empty Goods Codes**, and then choose the related link.
2. On the **Empty Goods Codes** page, choose the **New** action.
3. Proceed to fill fields on the tax card as necessary. Hover over a field to read a short description.

To be able to calculate empty goods, each empty goods code need to be setup with:

[Empty Goods Classifications](#)

[Empty Goods Rules](#)

[Sales Deposit Prices \(optional\)](#)

[Purchase Deposit Prices \(optional\)](#)



Setting up empty goods classifications

Article • 7/6/2023 • 2 min read

Empty Good Classifications are used to assign returnable items to [Empty Goods Codes](#).

To create an empty goods item classification:

1. Select the Search icon , enter **Empty Goods Codes**, and then choose the related link.
2. Select the relevant empty goods code.
3. On the action bar, select **Classifications > Items**.
4. Fill in the fields on the line as necessary. Hover over a field to read a short description.

See also

[Set up empty good items](#)

[Set up full good items](#)



Setting up empty goods rules

Article • 7/6/2023 • 2 min read

Empty Goods Rules explain the calculation of deposits and the tracing of your empties. In documents, like sales orders, purchase orders, or transfer orders the rule will be applied.

To create an empty goods rule

1. Select the Search icon , enter **Empty Goods Codes**, and then choose the related link.
2. Select the relevant empty good.
3. On the action bar, select **Rules**.
4. Fill in the fields on the lines as necessary. Hover over a field to read a short description.

The **Movement Type** field expresses how the rule should be applied:

- **Deposit:** A deposit amount will be calculated on the invoice of the goods. Shipments and receipts can be traced.
- **Trace:** No deposit amount will be calculated. Shipments and receipts can be traced.

See also

[Setting Up Posting Groups](#)

[Set up an accounts payables policy for deposits](#)



Sales for deposits

Article • 7/6/2023 • 1 min read

When sales orders or sales invoices are created, deposits are automatically calculated in the background. When the documents are posted, deposit ledger entries are created. To make this possible, it is necessary to classify your customers for empty good and deposit.

The following table describes the tasks with links to the topics that describe them.

To	See
Set up customers for empty goods and deposits	Customer Posting Groups
Register sales prices for deposits	Set up deposit prices
Register sales lines for return registration	Set up return registration

See also

[Setting Up Sales](#)



Setting up empty good and deposit on customers

Article • 7/6/2023 • 2 min read

On the Customer Card, you can define a policy for empty goods and deposits:

To classify a customer for empty goods

1. Select the Search icon , enter **Customers**, and then choose the related link.
2. Open the relevant customer card.
3. On the **Empty Goods and Deposit Management** FastTab, in the **Empty Goods Business group** field, select an existing empty goods code.

Alternatively, choose the **New** action to first create a new empty goods business group as explained in [Setting Up Empty Goods Business Groups](#).

See also

[Register New Customers](#)

[Setting Up Empty Goods Rules](#)



Record sales deposit prices

Article • 7/6/2023 • 2 min read

The different deposit amounts that apply when selling to different customers must be defined so that the agreed rules and values are applied to sales documents that you create for the customers.

To set up a sales deposit price for a customer

1. Select the Search icon , enter **Customers**, and then choose the related link.
2. Open the relevant customer card.
3. On the action bar, select **Prices & Discounts > Sales Deposit Prices**.
4. On the **Sales Deposit Prices** page, the **Sales Type** field is prefilled with **Customer**, and the **Sales Code** field is prefilled with the customer number.
5. Fill in the fields on the line as necessary. Hover over a field to read a short description. Fill a line for each combination that will grant a special sales price to the customer.



Recurring sales lines for return registration

Article • 7/6/2023 • 5 min read

In many cases, you know which empty goods items a customer will return to you on a regular basis. To increase the efficiency in the return process, you can make use of recurring sales lines that will automatically inserted on the Return Entry page.

To Create Generic Recurring Sales Lines

1. Select the Search icon , enter **Recurring Sales Lines**, and then choose the related link.
2. On the **Recurring Sales Lines** page, select **New**.
3. Fill in the fields as necessary. Hover over a field to read a short description.
4. On the **Lines** FastTab, select the empty goods items that you want to include on this Standard Sales Lines Card.

Note

Generic recurring sales lines are very useful if you have groups of customers that buy more or less the same products. On the customer card, you only have to select the corresponding code. The list will be applied in the return process.

To Connect Generic Recurring Sales Lines to a Customer

1. Select the Search icon , enter **Customers**, and then choose the related link.
2. Open the relevant customer card.
3. On the action bar, select **Related > Sales > Recurring Sales Lines**.
4. On the **Recurring Sales Lines** page, select the relevant code for the customer.
5. In the **Insert Rec. Lines On Return Entry** field, select *Automatic* if you want the system to insert the lines automatically on the return entry page (recommended).

To Create Customer Specific Recurring Sales Lines

1. Select the Search icon , enter **Customers**, and then choose the related link.
2. Open the relevant customer card.
3. On the action bar, select **Related > Sales > Recurring Sales Lines**.



4. On the **Recurring Sales Lines** page, on the action bar, select **Customer Specific Code**. The system creates a *Code* that is the same as the Customer number and connects it with the customer in the *Customer No.* field.
5. On the **Lines** FastTab, select the empty goods items that you want to include in this Customer Specific Standard Sales Lines Card.



Purchasing for deposits

Article • 7/6/2023 • 1 min read

When purchase orders or purchase invoices are created, taxes are automatically calculated in the background. When the documents are posted, tax ledger entries are created. To make this possible, it is necessary to classify your vendors for tax.

The table below outlines a series of tasks, each with corresponding links to detailed topics.

To	See
Set up vendors with deposits	To classify a vendor for empty goods
Register purchase prices for deposits	Set up purchase deposit prices
Recurring purchase lines for return registration	Set up purchase lines for return registration

See also

[Setting Up Purchasing](#)



To classify a vendor for empty goods

Article • 7/6/2023 • 2 min read

1. Select the Search icon , enter **Vendors**, and then choose the related link.
2. Open the relevant vendor card.
3. On the **Empty Goods and Deposit Management** FastTab, in the **Empty Goods Business Group** field, select an existing empty goods code. Alternatively, select the **New** action to first create a new empty goods as explained in [To create a new empty good](#).

See also

[Register New Vendors](#)



Record purchase deposit prices

Article • 7/6/2023 • 2 min read

The different deposit amounts that apply when buying from different vendors must be defined so that the agreed rules and values are applied to purchase documents that you create for the vendors.

To set up a purchase deposit price for a customer

1. Select the Search icon , enter **Vendors**, and then choose the related link.
2. Open the relevant vendor card.
3. On the action bar, select **Related** > **Purchases** > **Purchase Deposit Prices**.
4. On the **Purchase Deposit Prices** page, the **Purchase Type** field is prefilled with **Vendor**, and the **Purchase Code** field is prefilled with the vendor number.
5. Fill in the fields on the line as necessary. Hover over a field to read a short description. Fill a line for each combination that will grant a special sales price to the customer.



Recurring purchase lines for return registration

Article • 7/6/2023 • 3 min read

In this article

In many cases, you know which empty goods items you will return to a vendor. To increase the efficiency in the return process, you can make use of recurring purchase lines that will automatically inserted on the Return Entry page.

To Create Recurring Purchase Lines

1. Select the Search icon , enter **Recurring Purchase Lines**, and then choose the related link.
2. On the **Recurring Purchase Lines** page, choose the **New** action.
3. Fill in the fields as necessary. Hover over a field to read a short description.
4. On the **Lines** FastTab, select the empty goods items that you want to include in this Standard Sales Lines Card.

To Connect Generic Recurring Purchase Lines to a Vendor

1. Select the Search icon , enter **Vendors**, and then choose the related link.
2. Open the relevant customer card.
3. On the action bar, select **Related** > **Purchases** > **Recurring Purchase Lines**.
4. On the **Recurring Purchase Lines** page, select the relevant code for the vendor.
5. In the **Insert Rec. Lines On Return Entry** field, select *Automatic* if you want the system to insert the lines automatically in the return entry page (recommended).



Inventory for empty goods

Article • 7/6/2023 • 1 min read

Items are the basis for the goods that you trade in. Item cards hold the information that is required to trace empty goods calculate deposits. When empty goods items are moved (inbound or outbound), you want to be able to trace them, and in some case calculate a deposit. In Aptean Beverage Empty Goods and Deposit Management these actions are automatically executed in the background. To make this possible it is necessary to classify your items and locations for empty goods.

The following table describes the tasks with links to the topics that describe them.

To	See
Set up empty good items	Set up empty good items
Set up full good with empties	Set up full good items
Set up locations for empty goods	To classify a location for empty goods
Register empty goods in the empty goods journal	To register empty good balances and adjustments

See also

[Managing Inventory](#)



Set up empty good items

Article • 7/6/2023 • 2 min read

Empty good items are the (packaging) items that you want to be able to trace, or where a deposit is in place.

1. Select the Search icon  , enter **Items**, and then choose the related link.
2. Open the relevant item card.
3. On the **Empty Goods and Deposit Management** FastTab, turn on the **Is Empty Good** toggle.

See also

[Register New Items](#)

[Empty Good Inventory Valuation](#)



Set up full good items

Article • 7/6/2023 • 2 min read

Full good items are the products that you sell to your customers. Empties are part of the sold product, but not sold by itself.

1. Select the Search icon  , enter **Items**, and then choose the related link.
2. Open the relevant item card.
3. On the **Empty Goods and Deposit Management** FastTab, in the **Empty Goods Code** field, select an existing empty goods code.
Alternatively, choose the **New** action to first create a new empty goods as explained in [To create a new empty good](#).

See also

[Register New Items](#)



To classify a location for empty goods

Article • 7/6/2023 • 2 min read

When your company is set up with multiple locations and these companies have different empty good policies, you can use the available set up on the location card to define these policies.

1. Select the Search icon , enter **Locations**, and then choose the related link.
2. Open the relevant item card.
3. On the **Empty Goods and Deposit Management** FastTab, in the **Empty Goods Location Group** field, select an existing empty goods code.
Alternatively, choose the **New** action to first create a new empty goods location group.

See also

[Set Up Locations](#)



To register empty good balances and adjustments

Article • 7/6/2023 • 2 min read

When you start working with the Apteau Beverage Empty Goods and Deposit Management extension, you might already have empty goods in your inventory. By using the **Empty Goods Journal**, you are able to register them. Also, when adjustments on the empty goods inventory are necessary, this journal can be used.

1. Select the Search icon , enter **Empty Goods Journals**, and then choose the related link.
2. Fill in the fields as necessary. Hover over a field to read the tooltip.
3. On the action bar, select **Post/Print** > **Post** to make the inventory adjustments.



Business process walkthroughs

Article • 7/6/2023 • 2 min read

This selection of walkthroughs provides step-by-step, end-to-end business processes that you can perform using the [Cronus DIT Demo](#) demonstration company.

 **Note**

Create a copy of this company to keep your Cronus DIT Demo in the original state. In the copy you can do all the exercises that are included in the walkthroughs.

 **Note**

Aptean Beverage is available in multiple countries. For each country, a dedicated demo company is available. This country specific company contains setup that is specific for that country (VAT, excises, language, etc.). They are all based on the Business Central CRONUS company for that country. For that reason, names and codes in your demo company can differ from the ones used in the walkthroughs. Since the Aptean Beverage setup is the same for all the countries, the walkthroughs can be used in every country. In the country specific deviations, you can verify these deviations.

See also

[Copy a company.](#)

Overview

To	See
Learn about empty goods items and full goods with returnable empties.	Walkthrough: Empty goods items and full goods with returnable empties
Learn about empty goods and deposits in sales transactions.	Walkthrough: Empty goods and deposits in sales transactions
Learn about empty goods and deposits in purchase transactions.	Walkthrough: Empty goods and deposits in purchase transactions



Empty goods items and full goods with returnable empties

Article • 7/6/2023 • 4 min read

Item 1080 is our CRONUS PREMIUM BEER in a KEG of 50L. When we sell it to our customers, we expect them to return the empty keg so we can reuse it. To make sure that we get it back, we charge them with a deposit price of 30.00.

1. Select the Search icon , enter **Items**, and then choose the related link.
2. Select Item **1080**.
3. On the action bar, select **Related > Item > Empty Goods > Empty Goods Items** to open the list of **Empty Goods Item Classifications**. For our item 1080, this is the empty goods item 9550, EMPTY KEG 50L.
4. On the action bar, select **Deposit Prices > Sales Deposit Prices** (or **Purchase Deposit Prices**) to see the deposit price for this empty good.
We have more products in a 50L keg. They all have the same empty item, 9550 EMPTY KEG 50L.
5. Select the Search icon , enter **Items**, and then choose the related link.
6. Select Item **9550**.
7. On the action bar, select **Related > Item > Empty Goods > Where-Used** to view a list of full good items in which the empty goods item is used.

Note

Use saved views to keep the overview on your empty goods items and full good returnable items by using these filters: Empty Goods Items:

- Is Empty Good is Yes Full Good Returnable Items:
- Is Empty Good is No
- Empty Goods Code <> "



Empty goods and deposits in sales transactions

Article • 7/6/2023 • 9 min read

Our customer 20000 Selangorian Pub serves our CRONUS PREMIUM BEER from the draft. They buy a full pallet with 50L kegs. The deposit for a keg is 30.00.

Sales Order with returnable empties

1. Select the Search icon , enter **Sales Orders**, and then choose the related link.
2. On the action bar, select **New** to create a new entry.
3. In the **Customer** field, enter the name *Selangorian*.
4. Fill in lines:

Item	Quantity
1080	6

5. On the action bar, select **Release** (if the system asks you to connect this order to a call entry, choose yes).
6. On the **Lines** FastTab, choose the **Manage > Expand** action.
7. Verify the **G/L Account** line with description **EMPTY KEG 50L**, it should show:
 - account number 3021100 (Customer Deposit Payment on empty goods)
 - a line amount of 180.00
8. Select the line of the Type = Item and choose the **Related Information > Deposit Amount** action.
9. On the **Document Empty Goods Lines** page, verify the values. Hover over a field to read a short description.

Explanation

The Customer (*20000*) in this exercise is set up with an **Empty Goods Business Group**.

This code (DEP):

- Has Movement Type *Deposit*, which means that a deposit amount will be calculated on the invoice of the goods.

The Location (*BLUE-BOND*) in this exercise is set up with an **Empty Goods Location Group** (DEP).

The Item (*1080*) in this exercise is set up with an **Empty Goods Code**.

This code (KEG 50):

- has account number *3021100* as *Sales Deposit Account*.
- has an item classification that defines Item *9550* as the empty item.
- has a rule that defines the Movement Type (*Deposit*) for the combination of:



- Entry Type = Sale (we did a Sales Order)
- Empty Goods Business Group = DEP (from our customer 20000)
- Empty Goods Location Group = DEP (from our location BLUE-BOND)
- When the system finds a match of the document line (our sales order line with item 1080) with an empty goods rule, the Movement Type of that rule will be applied on the document line.

Note

In most cases it is not necessary to use Empty Goods Location Group. If your empty good and deposit policy is the same for all your locations, you don't have to create them and the fields can be blank on the Location Card and on the Empty Goods Rules. Rules will be applied on all your locations.

Ship and Invoice Empty Goods

12. On the **Sales Order** page, choose the **Post** (Ship) action.
13. Choose the **Shipments** actions and choose **Find Entries** to verify the posting:
 - Open the **Empty Goods Ledger Entry** that was created with the posting.
 - The **Quantity** in the entry is *6.00*, we shipped 6 empty 50L kegs to customer Selangorian (20000) that we now can trace.
 - The **Invoiced Quantity** and **Deposit Amount** in this entry is *0.00*. We only shipped the goods and did not post the invoice yet.
14. Go back to the sales order by closing pages.
15. Choose the **Post** (Invoice) action and open the posted invoice.
16. Choose the **Find Entries** action and verify the Empty Goods Ledger Entry that was created on the invoice action.
 - The **Quantity** in the entry is *0.00*, the shipment was already done.
 - The **Invoiced Quantity** and **Deposit Amount** in this entry now have values.

Note

The shipment and invoice posting both create their own empty goods ledger entry. They are connected to the transaction that created them and give you full overview on balances.

Empty Goods Balances and Empty Goods Statements

22. Close all pages and go back to your role center.
23. Select the Search icon , enter **Customers**, and then choose the related link.
24. Select Customer *20000* and choose the **View** action.



25. On the Customer Card:

- Verify the **Deposit Amount** and quantities per Empty goods item on the **Empty Goods Balance** FactBox. DrillDown to see the details.
- On the action bar, select **Reports > Empty Goods Statement**:
 - On the **Empty Goods Statement** page, fill in *Start Date* January 1st 2022 and *End Date* January 31st 2022.
 - Preview, Print, or Send the statement:
 - Based on Shipments/Receipts: quantities are shown.
 - Based on Invoices/Credit Memos: amounts are shown.

Empty Goods Returns from Customers

It is common practice that customers return their empties when you deliver the goods that they ordered. Aptean Beverage Empty Goods and Deposit Management has some features that support you in this process in flexible way.

Our customer Deerfield Drinks (40000) is a retailer. Each week, they order products in crates. When we deliver them, we take the empties back.

32. Select the Search icon , enter **Sales Orders**, and then choose the related link.

33. Select **New** to create a new entry.

34. In the **Customer** field, enter the name Deerfield Drinks (40000).

35. Fill in lines:

Item	Quantity
1010	40
1210	40

36. Choose the **Post** (Ship) action (if the system asks you to connect this order to a call entry, choose yes).

The next step in this walkthrough is the registration of the returns. Multiple scenarios can be in place:

- A. Combine the shipments and returns in one document, this sales order.
- B. Register the returns in a separate return order.
- C. Register the returns in a connected return order with the same document number as the order.

Scenario A.

1. On the Sales Order, choose the **Return Entry** action. 2. Enter Quantity 40 in the line for Item 9112 and close the page with applying changes. 3. On the Sales Order, a new line for the return is created. Choose the **Expand** action to verify the return of deposit amounts for the empty crates and bottles. 4. Choose the **Post** (Ship and Invoice) action.



Scenario B.

1. On the Sales Order, choose the **Return Entry** action. 2. Enter Quantity 40 in the line for Item 9112 and close the page with applying changes. 3. On the Sales Order, a new line for the return is created. 4. Choose the **Expand** action to verify the return of deposit amounts for the empty crates and bottles. 5. Choose the **Reopen** action. 6. Choose the **Move Negative Lines** action. 7. On the **Move Negative Sales Lines** page, in the **To Document Type** field select *Return Order* and choose **OK**. 8. Choose **Yes** to view the Return Order that was created. 10. Choose the **Post** (Ship and Invoice) action.

Scenario C.

1. On the Sales Order, choose the **Return Entry** action. 2. Enter Quantity 40 in the line for Item 9112 and close the page with applying changes. 3. On the Sales Order, a new line for the return is created. 4. Choose the **Expand** action to verify the return of deposit amounts for the empty crates and bottles. 5. Choose the **Reopen** action. 6. Choose the **DIT Move Negative Lines** action. 7. On the **Move Negative Sales Lines** page, select *Return Order* in the **To Document Type** field and choose **OK**. 8. Choose **Yes** to view the **Return Order** that was created with the same *No.* as the Sales Order where it was created from. 9. Choose the **Post** (Ship and Invoice) action



Empty goods and deposits in purchase transactions

Article • 7/6/2023 • 9 min read

Besides our own beers, we also sell German wheat beer that we purchase from the Bavarian Brewery AG to our customers. For the beer in crates, they charge us with a deposit of 0.10 EUR per bottle and 2,50 for a crate. We order one pallet, that contains 40 crates.

Purchase Order with returnable empties

1. Select the Search icon , enter **Purchase Orders**, and then choose the related link.
2. On the action bar, select **New** to create a new entry.
3. In the **Vendor Name** field, enter the name *Bavarian Brewery*.
4. Fill in lines:

Item	Quantity
1780	40

5. On the action bar, select **Release**.
6. On the **Lines** FastTab, choose the **Manage** > **Expand** action.
7. Verify the **G/L Account** line with description **EMPTY BOTTLE 50CL – Returnable** and **EMPTY DE CRATE 20**, they should show:
 - account number 1051100 (Vendor Deposit Payment on empty goods)
 - a line amount of 185.60 and 239,72.
8. Select the line of the Type = Item and choose the **Related Information** > **Deposit Amount** action.
9. On the **Document Empty Goods Lines**, verify the values. Hover over a field to read a short description.

Explanation

The vendor (81000) in this exercise is set up with an **Empty Goods Business Group**.
This code (DEP):

- Has Movement Type *Deposit*, which means that a deposit amount will be calculated on the invoice of the goods.

The location (*BLUE-BOND*) in this exercise is set up with an **Empty Goods Location Group** (DEP).

The item (1710) in this exercise is set up with an **Empty Goods Code**.
This code (DE CRT 20x0.50):

- has account number *1051100* as *Purchase Deposit Account*.
- has item classifications that define Item *9050* and *9311* as the empty item.
- has a rule that defines the Movement Type (*Deposit*) for the combination of:
 - Entry Type = Purchase (we did a Purchase Order)
 - Empty Goods Business Group = DEP (from our vendor 81000)
 - Empty Goods Location Group = DEP (from our location BLUE-BOND)
 - When the system finds a match of the document line (our purchase order line with item 1710) with an empty goods rule, the movement type of that rule will be applied on the document line.

Note

In most cases it is not necessary use Empty Goods Location Groups. If your empty good and deposit policy is the same for all your locations, you don't have to create them and the fields can be blank on the Location Card and in the Empty Goods Rules. Rules will be applied on all your locations.

Receive and Invoice Empty Goods

12. On the Purchase Order, now choose the **Post** (Ship) action.

13. Select the **Receipts** actions and choose **Find Entries** to verify the posting:

- Open the **Empty Goods Ledger Entry** that was created with the posting.
- The **Quantity** in the entry is *40.00*, we received 40 empty 50L kegs to vendor Bavarian Brewery (81000) that we now can trace.
- The **Invoiced Quantity** and **Deposit Amount** in this entry is *0.00*. We only received the goods and did not post the invoice yet.

14. Go back to the purchase order by closing pages.

15. Select the **Post** (Invoice) action and open the posted invoice.

16. Select the **Find Entries** action and verify the Empty Goods Ledger Entry that was created on the invoice action.

- The **Quantity** in the entry is *0.00*, the receipt was already done.
- The **Invoiced Quantity** and **Deposit Amount** in this entry now have values.

Note

The receipt and invoice posting both create their own empty goods ledger entry. They are connected to the transaction that created them and give you full overview on balances.

Empty Goods Balances



- 22. Close all pages and go back to your role center.
- 23. Select the Search icon , enter **Vendors**, and then choose the related link.
- 24. Select Vendor *81000* and choose the **View** action.
- 25. On the Vendor Card:
 - Verify the **Deposit Amount** and quantities per Empty goods item on the **Empty Goods Balance** FactBox. DrillDown to see the details.

Empty Goods Returns to Vendors

In the beverage industry, it is common practice to return empty goods to a vendor when ordered goods are received. Drink-IT Empty Goods Management has some features that support you in this process in flexible way.

Our vendor Mortimor Brewery (82000) is a UK producer of lager and ale beers. In the United Kingdom, casks are in general returned to the producer.

- 27. Select the Search icon , enter **Purchase Orders**, and then choose the related link.
- 28. Select **New** to create a new entry.
- 29. In the **Vendor** field, enter the name *Mortimor Brewery* (82000).
- 30. Fill in lines:

Item		Quantity	
1510		40	
1610		40	
1680		12	

- 31. Select the **Post** (Receive) action (if the system asks you to connect this order to a call entry, choose yes).

The next step in this walkthrough is the registration of the returns. Multiple scenario's can be in place:

- A. Combine the receipts and returns in one document, this purchase order.
- B. Register the returns in a separate return order.
- C. Register the returns in a connected return order with the same document number as the order.

Scenario A.

- 1. On the Purchase Order, choose the **Return Entry** action.
- 2. Enter *Quantity* 40 and *Item* 1510 in the **Quick Entry** FastTab and close the page with applying changes.
- 3. On the Purchase Order, a new line for the return is created.
- 4. Select the **Post** (Receive and Invoice) action.



Scenario B.

1. On the Purchase Order, choose the **Return Entry** action. 2. Enter *Quantity* 40 and *Item* 1510 in the **Quick Entry** FastTab and close the page with applying changes. 3. On the Purchase Order, a new line for the return is created. 4. Select the **Reopen** action. 5. Select the **Move Negative Lines** action. 6. On the **Move Negative Purchase Lines** page, select *Return Order* in the To Document Type field and choose **OK**. 7. Select **Yes** to view the **Return Order** that was created. 8. Select the **Post** (Receive and Invoice) action.

Scenario C. 1. In the Purchase Order, choose the **Return Entry** action. 2. Enter Quantity 40 and Item 1510 in the **Quick Entry** FastTab and close the page with applying changes. 3. On the Purchase Order, a new line for the return is created.

4. Select the **Reopen** action. 5. Select the **DIT Move Negative Lines** action. 6. On the **Move Negative Purchase Lines** page, in the **To Document Type** field, select *Return Order*, and choose **OK**. 7. Select **Yes** to view the **Return Order** that was created with the same *No.* as the Purchase Order where it was created from. 8. Select the **Post** (Receive and Invoice) action.



Training

Article • 7/6/2023 • 1 min read

This selection of exercises will help you to get a better understanding of the Aptean Beverage Empty Goods and Deposit management extension. The exercises can be performed in the [Cronus DIT Demo company](#).

!

Note

Create a copy of this company to keep your Cronus DIT Demo in the original state. In the copy you can do all the exercises that are included in the training.

To	See
Exercise 1 - Selling full goods with returnable items	Selling full goods with returnable items
Exercise 2 – Register returns	Register returns
Exercise 3 – Empty goods on master data	Empty goods on master data
Exercise 4 – Implement a new deposit	Implement a new deposit



Exercise 1 - Selling full goods with returnable items

Article • 7/6/2023 • 2 min read

This exercise will help you to get a better understanding of the Apteau Beverage Empty Goods and Deposit Management extension. The exercise can be performed in the [Cronus DIT demo company](#).

Note

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Exercise 1 - Selling full goods with returnable items

1. Create a sales order for customer 20000

- Item 1000, 40 CRATE
- Item 1010 40 CRATE
- Item 1055 160 TRAY

2. Release the order and expand the lines:

- Which items have empty goods?

3. Now, sell the same items to customer 80000

- Which items have empty goods?
- How can you see?
 - There is a Line Action **Empty Goods Amounts**
 - You can add EGM fields to the lines by **Personalization**.
 - Why are there no sales lines inserted?

4. Ship both orders.

- Check the Empty Goods Ledger Entries for the posted shipments.
- Print the Empty Goods Statement for customer 20000.

5. Invoice both orders

- Check the Empty Goods ledger Entries for the posted invoices.



Empty Goods for Drink-IT

6. Check the Empty Goods Balance FactBox on the Customer Cards.

7. Print the Empty Goods Statement until work date.

Question: Why do we have two empty goods ledger entries for one empty goods item?



Exercise 2 - Register returns

Article • 7/6/2023 • 1 min read

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! Note

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Exercise 2 – Register Returns

While we are doing the order intake for customer 20000, we already know that they will return 10 empty DE crates and 5 50L kegs.

1. Create a sales order for customer 20000.
 - Item 1010 40
2. Select the **Return Entry** action.
3. Register the returns, close the page, and confirm the message.
4. Release and expand the order.
5. Do the same with customer 10000. They return 80 Cronus crates. We want to collect the returns of this customer via a return order.
 - Choose the **Create/Modify Return Order** Action.

! Note

Returning empties is related to [Aptean Beverage Logistics](#) and will also be handled in that training.



Exercise 3 - Empty goods on master data

Article • 7/6/2023 • 2 min read

This exercise will help you to get a better understanding of the Apteau Beverage Empty Goods and Deposit Management extension. The exercise can be performed in the [Cronus DIT demo company](#).

Note

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Exercise 3 – Empty Goods on Master Data

Returnable items can be in place in sales transactions and in purchase transactions and can depend on the location that is used. In the previous exercises, we used the existing setup from the demo company. Now we create our own.

Empty Goods on Customers

- Create yourself as a customer.
 - You will not be charged with a deposit for empties, but we do want to know what you have to return to us.
 - You are a retailer. Your returns of empties are by default from the list that we prepared for retailers. When we register your returns, we want to have this list available.
 - We register your returns in our weekly sales order. It is possible that the deposit value for the returned empties is higher than the products that we sell. Still, we want to be able to ship and invoice the order.

Empty Goods on Vendors

- Create yourself as a Vendor.

Empty Goods on Items

- We introduce a new beer: Cronus Premium IPA. We sell it in premium crates with 24 of our standard 33CL beer bottles.
 - Create the item and setup the deposit for it.
- Sell yourself some of this excellent beer and ship and invoice the order.

Empty Goods on Locations

- When rules for empty goods and deposit are different per location, you can manage these differences with the use of Empty Goods Location Groups. This is exceptional and not mandatory to setup. If there are no differences in the policy:



Empty Goods for Drink-IT

- don't create Empty Goods Location Groups
- don't assign them to locations
- don't use them in empty goods rules.



Exercise 4 - Implement a new deposit

Article • 7/6/2023 • 1 min read

This exercise will help you to get a better understanding of the Aptean Beverage Empty Goods and Deposit Management extension. The exercise can be performed in the [Cronus DIT Demo company](#).

Note

Create a copy of this company to keep your Cronus DIT demo in the original state. In the copy you can do all the exercises that are included in the training.

Exercise 4 – Implement a new deposit

Due to a change in the law, a deposit of 0.10 is applicable on empty cans. The deposit will be charged to the same group of customers as the other empty goods. VAT is not applicable on the deposit.

1. Create an Empty Goods Code for the can.
2. Select the Item Classification for the code.
 - Create the empty goods item.
 - Setup deposit prices for the empty item.
3. Create rules.
4. Select your new Empty Goods Code on our Can item 1055.
5. Sell 1 TRAY of item 1055 to customer 20000. Release the order.
 - Do you have a line for the empty cans?
 - What is the Quantity for that line?



Design details

Article • 7/6/2023 • 1 min read

This content contains detailed technical information about complex application features in Apteau Beverage Empty Goods and Deposit Management.

Design details content is aimed at implementers, developers, and super users who need deeper insight to implement, customize, or set up the features in question.

To
Understand the valuation of empty goods
Learn how to reevaluate the inventory value of empty goodsLearn how to reevaluate the inventory value of empty goods
Understand how deposits are calculated in documents
Understand how dates are used in deposit calculations
Understand how deposits are calculated in documents
Understand the empty goods ledger entries
Learn to use the empty goods journal for migration purpose or corrections



	journal
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Empty good inventory valuation

Article • 7/6/2023 • 2 min read

Empty goods are in most cases part of a full good. You sell, purchase, produce or assemble these full goods as individual items and they have their own inventory value. The empty good itself will in general not be sold. There is a difference between empty goods that are part of a production, or assembly process, and empty goods that are part of traded items:

Production and assembly:

- The empty goods are purchased. You get the ownership of the goods.
- The valuation of the item is done according to the [Business Central standard](#).

Trade:

- The full good (bottle of beer, crate of beer, beer in keg.) is purchased. You are not the owner of the empty good. Still, you might want to register the value of the empties, for instance for insurance reasons.
- The valuation of the empty good is possible in Empty Goods Management. The valuation is optional and is only executed when the [Empty Goods Code](#) is set up with an *Inventory Unit Value*.

Example of trade items, beer in keg: 1. The full good is purchased. The empty good is included. The keg of beer is part of your inventory and has an inventory value. The keg itself is owned by the producer. He might charge a deposit for it.

- Empty Good Management registers an empty goods ledger entry with a quantity of +1. The inventory value is the value from the empty goods Code.
- The inventory value is posted to the Empty Goods Value Account against the Empty Goods Value Balancing Account ([General Posting Setup](#)).
- When the full good item is sold, it is no longer part of your inventory.
- Empty Good Management registers an empty goods ledger entry with a quantity of -1.
- The inventory value is posted to the Empty Goods Value Balancing Account against the Empty Goods Value Account.

Note

Inventory valuation on empty goods is only applicable to trade items, where you don't have the ownership of the empty goods.



Empty good revaluation

Article • 7/6/2023 • 2 min read

Inventory valuation on empty goods is only applicable to trade items, where you don't have the ownership of the empty goods.

When you want to implement the new value on your empty goods inventory , you can use the Empty Goods Journal:

1. Select the Search icon , enter **Empty Goods Journals**, and then choose the related link.
2. Run the **Calculate Inventory Value** action.
3. Fill in the **New Inventory Unit Value** and **Posting Date** as necessary.
4. Choose the **Post** action to make the revaluation.

This revaluation will create two new Empty Good Ledger Entries per Empty Goods Code:

- A reverse of the total Quantity and Inventory Value.
- A new entry with the total Quantity and New Inventory Value.



Deposit calculation in documents and journals

Article • 7/6/2023 • 5 min read

Deposits can be calculated in documents (sales, purchase) and journals. In each line:

- Document deposit classifications are created:
 - Item deposit classifications
 - Location deposit classifications

The total quantity of empty good classifications is shown in the **Empty Goods Classifications** field. You can drill-down to see the details (if the field is not visible on the page then you can add it with [Personalize](#)).

- When a rule is found for a combination of:
 - The [empty_goods_business_group](#), item and location classification (sales and purchase)
 - Item and location classification ([empty_goods_journal](#))

The total empty goods amount is shown in the **Empty Goods Amount** field. You can drill-down to see the details (if the field is not visible on the page then you can add it with [Personalize](#)).

- When changes are executed in the document, then both **Empty Goods Classifications** and **Empty Goods Amount** are recalculated. Changes can be:
 - Other customer
 - Other vendor
 - Other item
 - Other location
 - Other quantity
 - Other unit of measure code

To setup the general document calculation point

1. Select the Search icon  , enter **Empty Goods & Deposit Management Setup** and then choose the related link. The **Empty Goods & Deposit Management Setup** page opens.
2. On the **Sales & Receivables Setup** FastTab, in the **Sales Document Calc. Point** field, select *Validation or Release* .
3. On the **Purchase & Payables Setup** FastTab, in the **Purchase Document Calc. Point** field select *Validation or Release* .



To setup the document calculation point for a customer

1. Select the Search icon  , enter **Customers** and then choose the related link.
2. Open the relevant customer card.
3. On the **Empty Goods and Deposit Management** FastTab, in the **EGM Document Calc. Point** field select *Default (Release), Validation or Release*.

To setup the document calculation point for a vendor

1. Select the Search icon  , enter **Vendors** and then choose the related link.
2. Open the relevant vendor card.
3. On the **Empty Goods and Deposit Management** FastTab, in the **EGM Document Calc. Point** field, select *Default (Release), Validation or Release*.



Dates in deposit calculations

Article • 7/6/2023 • 1 min read

The [Sales](#) and [Purchase Deposit Prices](#) are set up with a starting and ending date. The date fields that refers to these dates depend to document types:

Document Type	Date Field
Sales Documents	The Shipment Date in the document line.
Purchase Documents	The Expected Receipt Date in the document line.



Empty goods ledger entries

Article • 7/6/2023 • 2 min read

Empty Goods Ledger Entries are the subledger for all deposits that that Aptean Beverage Empty Goods and deposit Management should cover for you. The entries contain all necessary information for deposit related reporting.

- 1. Select the Search icon , enter **Empty Goods Ledger Entries**, and then choose the related link.
- 2. Hover over a field to read a short description.



The empty goods journal

Article • 7/6/2023 • 2 min read

The empty goods journal is meant to be used for:

- Migration
- Adjustments

When the journal is posted, it will create [Empty Goods Ledger Entries](#) only, so no posting to the general ledger will be done.

1. Select the Search icon , enter **Empty Goods Journals**, and then choose the related link.
2. Select the relevant journal, and then choose the **Edit Journal** action.
3. Fill in the fields as necessary. Hover over a field to read a short description.
4. On the action bar, select **Post** to post the journal.

