

User Manual

Aptean Food and Beverage ERP

Warehouse Management System

Product Documentation



Contents

[Release notes](#)

Microsoft AppSource

[2602.0.0.0](#)

[2601.5.0.0](#)

[2601.4.323557.0](#)

[2601.4.0.0](#)

[2601.3.0.0](#)

[2601.2.0.0](#)

[2601.1.0.0](#)

[2601.0.0.0](#)

[2509.2.0.0](#)

[2509.1.0.0](#)

[2509.0.0.0](#)

[2508.2.0.0](#)

[2508.1.0.0](#)

[2508.0.0.0](#)

[2507.1.0.0](#)

[2507.0.0.0](#)

[2506.2.0.0](#)

[2506.1.0.0](#)

[2506.0.0.0](#)

[2505.0.0.0](#)

[2504.0.0.0](#)

[2503.5.0.0](#)

[2503.4.0.0](#)

[2503.3.0.0](#)

[2503.2.0.0](#)

[2503.1.0.0](#)

[2503.0.0.0](#)

[2502.1.0.0](#)

[2502.0.0.0](#)

[2501.0.0.0](#)



[2406.4.0.0](#)
[2406.3.0.0](#)
[2406.2.0.0](#)
[2406.1.0.0](#)
[2406.0.0.0](#)
[2405.2.0.0](#)
[2405.1.0.0](#)
[2405.0.0.0](#)
[2404.0.0.0](#)
[2403.0.0.0](#)
[2402.1.0.0](#)
[2402.0.0.0](#)
[2401.0.0.0](#)

Google Play Store

[1.16.332059.0](#)
[1.16.321092.0](#)
[1.16.319124.0](#)
[1.16.298740.0](#)
[1.15.292445.0](#)
[1.15.291597.0](#)
[1.14.272810.0](#)
[1.13.266052.0](#)
[1.11.245550.0](#)
[1.10.228173.0](#)
[1.9.225089.0](#)
[1.8.218271.0](#)
[1.7.212745.0](#)
[1.6.204744.0](#)
[1.5.193632.0](#)
[1.4.189293.0](#)
[1.3.179378.0](#)

Warehouse Management System Tax Bridge

[2501.0.0.0](#)

[Introduction](#)

[Create your own demo company](#)



Setting up Warehouse Management System	.....
Manage permission sets	.....
Setting up connection to handheld devices	.....
Setting up default WMS settings	.....
Setting up Request Forms	.....
Setting up WMS per location	.....
Setting up modules on scanner per location	.....
Set up advanced production consumption posting	.....
Manage filtering the document list	.....
Setting up Users for WMS	.....
Setting up devices for WMS	.....
Android WMS App on the handheld device	.....
Setting up items for Warehouse Management System	.....
Setting up bins for Warehouse Management System	.....
Setting up bin groups	.....
Setting up logistic statuses	.....
Setting up warehouse templates	.....
Setting up warehouse put-away templates	.....
Setting up label printing	.....
Print empty license plate labels	.....
Print labels from posted documents	.....
Splitting warehouse receipt lines in scanner	.....
Pick partial quantities from mixed inventory	.....
Business process walkthroughs-Drink-IT	.....
Walkthrough: Receiving a Purchase Order	.....
Walkthrough: Driving a 2-pallet forklift	.....
Walkthrough: Add Production Output to scanner and post output	.....
Walkthrough: Post consumption from production Location	.....
Walkthrough: License Plate Info, reprint a License Plate No.	.....
Walkthrough: Printing picked license plates manually	.....
Walkthrough: Item Info	.....
Walkthrough: Bin Content	.....
Walkthrough: How to move items around in the warehouse	.....
Walkthrough: Move items in a directed location	.....
Walkthrough: Stock counts, including Tracking Enhancements	.....



[Walkthrough: Setup and processing picks](#)

[Walkthrough: Confirm loading the truck](#)

[Walkthrough: Confirm on every place identity](#)

[Walkthrough: Shipping returnable empty goods to the vendor](#)

[Business process walkthroughs-WMS suite](#)

[Walkthrough: Warehouse put-away templates and guidance](#)

[Walkthrough: Direct put-away](#)

[Design details](#)

[Keep track of all documents on the scanning devices](#)

[Check messages from the scanning devices](#)

[Check the jobs activated by the forms on the scanning devices](#)

[Integrations](#)

[Aptean Process Manufacturing](#)

[Aptean Packaging](#)

[Aptean Expiration Management](#)

[Aptean Advanced Attributes](#)

[Aptean Lot Management](#)

[Aptean Over Under Delivery](#)

[Aptean Production Over Pick](#)

[Aptean Labeling](#)

[Aptean Inspection Status](#)

[Known issues](#)



Release notes

Article • 7/22/2026 • 2 min read

To view what's new or changed in each release of the Aptean Warehouse Management System extension, select the specific release version.

Microsoft AppSource

Date	Release version	Description
July 2026	2602.0.0.0	Major release
June 2026	2601.5.0.0	Minor release
June 2026	2601.4.323557.0	Hotfix
May 2026	2601.4.0.0	Minor release
April 2026	2601.3.0.0	Stability 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	2509.2.0.0	Stability release
October 2025	2509.1.0.0	Stability release
October 2025	2509.0.0.0	Feature release
October 2025	2508.2.0.0	Platform release
October 2025	2508.1.0.0	Platform release
September 2025	2508.0.0.0	Feature release
September 2025	2507.1.0.0	Platform release
September 2025	2507.0.0.0	Feature release
September 2025	2506.2.0.0	Platform release
August 2025	2506.1.0.0	Platform release



July 2025	2506.0.0.0	Feature release
July 2025	2505.0.0.0	Feature release
June 2025	2504.0.0.0	Feature release
March 2025	2503.5.0.0	Stability release
March 2025	2503.4.0.0	Platform release
March 2025	2503.3.0.0	Stability release
March 2025	2503.2.0.0	Stability release
February 2025	2503.1.0.0	Stability release
February 2025	2503.0.0.0	Feature release
February 2025	2502.1.0.0	Platform release
February 2025	2502.0.0.0	Feature release
February 2025	2501.0.0.0	Feature release
January 2025	2406.4.0.0	Platform release
January 2025	2406.3.0.0	Stability release
January 2025	2406.2.0.0	Platform release
January 2025	2406.1.0.0	Stability release
December 2024	2406.0.0.0	Feature release
November 2024	2405.2.0.0	Stability release
November 2024	2405.1.0.0	Stability release
October 2024	2405.0.0.0	Feature release
October 2024	2404.0.0.0	Feature release
September 2024	2403.0.0.0	Feature release
September 2024	2402.1.0.0	Stability release
September 2024	2402.0.0.0	Feature release
April 2024	2401.0.0.0	Initial release



Google Play Store

Date	Release version	Description
July 2026	1.16.332059.0	Major release
June 2026	1.16.321092.0	Minor release
May 2026	1.16.319124.0	Minor release
February 2026	1.16.298740.0	Stability release
January 2026	1.15.292445.0	Feature release
January 2026	1.15.291597.0	Feature release
October 2025	1.14.272810.0	Feature release
September 2025	1.13.266052.0	Feature release
July 2025	1.11.245550.0	Feature release
April 2025	1.10.228173.0	Stability release
April 2025	1.9.225089.0	Stability release
March 2025	1.8.218271.0	Stability release
February 2025	1.7.212745.0	Stability release
January 2025	1.6.204744.0	Stability release
November 2024	1.5.193632.0	Stability release
October 2024	1.4.189293.0	Stability release
October 2024	1.3.179378.0	Stability release

Warehouse Management System Tax Bridge

Date	Release version	Description
February 2025	2501.0.0.0	Initial release



2602.0.0.0

Release Note • 7/22/2026 • 4 min read

Note

- The minimum version required for the Aptean WMS app to operate with this release is [1.16.332059.0](#).
- After updating the Aptean WMS app, run the **Create Default Postback Fields** action in the **Ad Hoc Movement** module to add field 58 (**Bin Confirmed**) as **Confirmed Field No. 10** in the Postback Fields.

Features

With the features added in this release of the Aptean Warehouse Management System extension, the following capabilities have been introduced.

- A distinct completion sound is played on the Android scanner once all pick lines have been processed and the pick is fully completed. The **Play Error Sound** and **Play Completion Sound** fields on the **Main Scanner Setup** page allow each sound to be enabled or disabled independently when the **Use Enhanced Sounds** toggle is active.
- The system captures the scanned net weight as the put-away quantity from GS1 weight barcodes during the **Put-Away** operation for weight-based items. Standard Business Central quantity validation is applied to the captured value, and a quantity can be entered manually when the barcode contains no weight Application Identifier.
- The system captures the scanned net weight as the put-away quantity from GS1 weight barcodes during the **Bulk Put-Away** operation for weight-based items, applying the captured weight to each processed line. Standard Business Central quantity validation is applied to the captured value, and a quantity can be entered manually when the barcode contains no weight Application Identifier.
- The system captures the scanned net weight as the put-away quantity from GS1 weight barcodes during the **Direct Put-Away** operation for weight-based items. Standard Business Central quantity validation is applied to the captured value, and a quantity can be entered manually when the barcode contains no weight Application Identifier.
- The system validates picked quantities against GS1 weight barcodes during warehouse picking of weight-based items, using standard Business Central quantity variance checking together with the existing over-pick and under-pick settings. A quantity can be entered manually when no weight barcode is present.
- The system captures the scanned net weight as the movement quantity from GS1 weight barcodes during bin-to-bin warehouse movements of weight-based items, updating the item ledger and bin content using standard Business Central quantity tracking. A quantity can be entered manually when no weight barcode is available.



Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the following enhancements have been made.

- The **Sort documents first on assigned user** toggle has been added to the **Company Settings (WMS)** page. When turned on, pick documents assigned to the current user are shown first in the **Pick** module's document list on the scanner, sorted by document number, followed by unassigned pick documents. This setting does not affect other modules on the scanner.
- The posting performance of ad hoc license plate movements has been significantly improved, reducing processing time during warehouse activity registration and posting.
- The **Print Label(s)** action has been added to the **Posted Whse. Receipt**, **Posted Whse. Receipt Subform**, **Posted Whse. Shipment**, and **Posted Whse. Shipment Subform** pages, allowing you to print labels for a posted warehouse receipt or warehouse shipment, even if the labels were not printed before posting. This requires the Aptean Labeling extension. For more information, see [Print labels from posted documents](#).

UI/UX changes

The **Sort documents first on assigned user** toggle has been added to the **Company Settings (WMS)** page.

The **Print Label(s)** action has been added to the **Posted Whse. Receipt**, **Posted Whse. Receipt Subform**, **Posted Whse. Shipment**, and **Posted Whse. Shipment Subform** pages.

Resolved issues

The following issues have been resolved in this release.

ID	Description
353883	The system fails to enforce license plate tracking on the scanner when the LP Tracking Code field is configured at the SKU level. Instead, the License Plate No. must have a value in Warehouse Journal Line error is displayed when posting from the Activity List page.
372712	The system fails to resolve the bin code from an existing destination license plate during a partial ad hoc movement, requiring an unnecessary bin scan.
361498	The system fails to display the Bin Code popup after a partial quantity move via long-press on the Place screen in the Ad Hoc Movement module, showing the SSCC Required popup instead.



376973	The system fails to complete the Create Pick action within a reasonable time, causing significant performance delays when creating and printing picks.
381171	The system fails to apply the unit of measure conversion correctly when scanning a non-base unit of measure barcode during warehouse receipt. The quantity is multiplied on each subsequent data-entry step (lot number, expiration date, or SSCC) instead of being converted once.
381199	An error occurs stating "Not able to put LPN on 2 bins" during a partial license plate move in the Ad Hoc Movement module, instead of prompting for the SSCC.
383368	An error occurs when posting a warehouse receipt that contains multiple license plates with the same lot number for a license plate- and lot-tracked item, stating that the License Plate Reservation Entry already exists.



2601.5.0.0

Release Note • 6/24/2026 • 3 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, Drink-IT Edition, the following enhancements have been made.

- The system prints labels on the **Warehouse Receipt** and **Warehouse Shipment** pages using the correct unit of measure and quantity based on license plate tracking, lot tracking, and the **Print Sales Order Line UoM** toggle on the **Customer Card** and **Ship-to Address** card pages.
- The system prints the correct number of labels on the **Warehouse Receipt** page by generating one label per license plate for LPN-tracked lines, even when a license plate spans multiple lines, and one label per Item-Lot No. combination for non-LPN-tracked lines, displaying the total quantity across all selected lines.
- The Android WMS app (version 1.16.321092) supports scanning barcodes that contain both GS1 Application Identifier 15 (best before date) and GS1 Application Identifier 17 (expiration date) simultaneously on the **Warehouse Receipt** module. AI 17 takes precedence by default, and the active identifier is configurable via the **GS1 Application Identifier** field in Postback Fields.
- When copying an item that has barcode-type item references, the system displays a worksheet showing the item reference lines of both the source and destination items. The reference no. and internal product variant fields on the destination item lines are editable, and the system prevents duplicate barcode references from being created.
- The system displays all items in warehouse picks for assembly orders on the WMS scanner, including items with item tracking linked to assembly order lines.
- You can configure the fields displayed on the inbound receipt screen of the warehouse scanner to show the same range of information available in the outbound process screens.

UI/UX changes

The **Print Sales Order Line UoM** toggle has been added to the **Customer Card** and **Ship-to Address** pages.

Resolved issues

The following issues have been resolved in this release.



ID	Description
358019	The system fails to find labels when using a label selection with a Source Type field value other than <i>All</i> during label printing.
367531	The system fails to show the Expiration Date dialog during the Direct Put-Away process when the Use Expiration Dates toggle on the Item Tracking Code page is turned on and the Expiration Calculation field on the Item Card page has no value.
368041	The system fails to post a warehouse receipt when the document contains multiple lot numbers of the same item with incomplete item tracking reservations, resulting in an incorrect validation error.
370524	The system fails to display the correct Mixed toggle value on the license plate label when the license plate tracking quantity equals the quantity of a full license plate.
370703	The system prints two labels when executing the Print Label(s) action on the License Plate List page, instead of printing only the expected label.

 Note

The minimum version required for the Aptean WMS app to operate with this release is [1.16.321092.0](#).



2601.4.323557.0

Release Note • 6/10/2026 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
360999	The system fails to skip the lot number prompt when processing a non-lot-tracked item in the warehouse receipt module of the WMS scanner.
377700	An error occurs on the scanning device when finishing a warehouse pick if the Document Header Format field has a value.

 **Note**

The minimum version required for the Aptean WMS app to operate with this release is [1.16.319124.0](#).



2601.4.0.0

Release Note • 5/27/2026 • 4 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension,

- The system automatically distributes the scanned quantity across multiple production order lines for the same item when posting production consumption from the WMS scanner, filling each line's remaining need in sequence.
- The system automatically extracts the quantity from scanned SSCC barcodes that contain GS1-128 Application Identifier AI 37 (Count of items) or AI 30 (Variable count) and applies it to the order line in the WMS scanner. If the scanned quantity differs from the existing quantity, a confirmation dialog appears so that you can accept or reject the scanned value.
- The system ensures that the correct number of labels is printed for each license plate number (LPN) assigned to a shipment line when you use the **Print Label(s)** action on the **Warehouse Shipment** page.
- You can create, validate, modify, and delete license plate number (LPN) and bin assignments directly in the sub-module template lines within the Ad Hoc movement flow.
- The system triggers the SSCC notification in the Ad Hoc movement place line through a long-press interaction when the **Scan Destination Plate Validation** toggle is turned on for the location.
- This extension has been updated to ensure interoperability with the recent changes in the Aptean Labeling (LBL) extension. To know more, see [What's new in Aptean Labeling extension, version 2602.4.0.0.](#)
- The *OnBeforeAdhocMvtTemplateValidate* event has been added to the *AdhocMvtTemplateCheck139FDW* codeunit to allow skipping the template validation during ad hoc movement processing. This enhancement enables greater flexibility by allowing the system to bypass the validation logic and return a handled result without executing the standard template check.

Resolved issues

The following issues have been resolved in this release.

ID	Description
359378	The system fails to update the Quantity field value in the warehouse receipt module of the WMS scanner when scanning a barcode that contains both a license plate and a quantity.



366178	The system fails to perform bulk move operations for items that are not tracked with license plates in the WMS scanner.
372272	The system fails to validate the Allow Over-consumption field value on the Location Setup page during production consumption posting from the WMS scanner. This issue occurs when the Allow Over-consumption field value is set to <i>No</i> , allowing over-consumption of production order components.
362182	The system fails to validate the Destination Bin and License Plate Number (LPN) attributes on the Place screen during Ad Hoc movement operations. This issue causes incorrect placement behavior for LPN-tracked and non-LPN-tracked items, including allowing the same LPN to be placed across multiple bins and not enforcing destination LPN validation based on item tracking requirements.
367454	The system fails to correctly process Ad Hoc Movement transactions in multiplace and single movement modes for lot-tracked, LPN-tracked, lot and LPN-tracked, and non-tracked items. This issue results in errors and incorrect movement behavior during Take and Place operations, particularly when multiple tracking types are involved in the same or separate movements.
367612	The system fails to assign the correct license plate type from the Warehouse Template page to the destination license plate on the movement page during inventory movements. This issue occurs when the destination license plate has no existing content or license plate type, causing the configured license plate type not to be automatically applied.
370464	The system displays inconsistent header behavior across WMS screens as the item list page header is built using different logic and structure than the document titles in the document list page.
275627	The system fails to correctly determine the destination license plate type during WMS pick flows based on the warehouse template and module configuration. Additionally, the system fails to prompt a default license plate type when multiple license plate types exist and validation is enabled, and it does not automatically assign the license plate type when validation is disabled or only one license plate type exists.
362849	The system fails to correctly calculate bin license plate capacity during put-away operations based on the current bin status. When the bin is empty, it does not use the License Plate Type Floor Spaces field value of the license plate type being placed. When the bin contains inventory, it does not use the Put-Away Available Cap. 139FDW field value on the Bin Content page to determine available LP capacity.

 Note

The minimum version required for the Aptean WMS app to operate with this release is [1.16.319124.0](#).



2601.3.0.0

Release Note • 4/13/2026 • 1 min read

Resolved issues

The following issues has been resolved in this release.

ID	Description
370323	The system fails to update the Element Values field value on the Label Output Files page when a label is created from the Warehouse Receipt page linked to a purchase order.

 **Note**

The minimum version required for the Aptean WMS app to operate with this release is [1.16.298740.0](#).



2601.2.0.0

Release Note • 3/25/2026 • 2 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension,

- The system introduces support for the GS1 Application Identifier 20 (AI 20) internal product variant during barcode scanning in the Aptean WMS Scanner. When two items share the same barcode reference, the system uses the **Internal Product Variant** field value on the **Item Reference Entries** page to differentiate between items based on the scanned variant value. The field accepts values from 00 to 99. This feature is only available for the pick process.

The **Internal Product Variant** field is exclusively available for item references and is not applicable to other reference types. This value is also included in the default data set for label printing and in the default PostBack fields when using the **Create Default PostBack Fields** action in the **Warehouse Pick** module.

 Note

- The AI20 (Internal Product Variant) is always used in conjunction with the GTIN. Therefore, it is recommended to print the GTIN and the internal product variant in a single barcode on the labels.
- The **Warehouse Pick** module must be optimized to use the **Internal Product Variant** field value by selecting the **Create Default Validations** action. Please take a copy of the current settings before creating default validations.

The system automatically updates the **License Plate Type** field value on the **Production Order** page when you create planned or firm planned production orders from the **Planning Worksheet** page. The system applies the same logic in released production orders when created through the **Refresh Production Order** action. This ensures consistent license plate assignment, reduces manual effort, and improves accuracy in warehouse tracking.

UI/UX changes

The **Internal Product Variant** field has been added to the **Item Reference Entries** page.

Resolved issues

The following issues have been resolved in this release.

ID	Description
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354585	An error occurs on the WMS Ad Hoc Movement page when scanning a bin that contains multiple items that are not License plate tracked. The system fails to prompt item selection when scanning a bin that contains multiple non-LPN-tracked items, resulting in incorrect item movement.
358123, 358273	An error occurs on the Ad Hoc Movement page when scanning a bin code after long-pressing the place item line for non license plate tracked items.
340164	The system incorrectly calculates the available quantity in a bin when multiple pick lines exist for the same item by subtracting all pick quantities, including those not reserved.

 Note

The minimum version required for the Aptean WMS app to operate with this release is [1.16.298740.0](#).



2601.1.0.0

Release Note • 2/25/2026 • 3 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension,

- You can use the **Resolve Quantity from AI** toggle within the warehouse receipt barcode processing logic. The system interprets decimal precision for AI 310x codes and ensures that net weight in kilograms is captured with the correct number of decimal places.
 - Turn on the **Resolve Quantity from AI** toggle to enable automatic quantity resolution during barcode scanning. The toggle is turned off by default.
 - The system supports AI 30, AI 37, AI 310x, and custom configurable application identifiers for quantity and weight resolution.
 - When no custom AI is configured, the system uses the value from AI 37 when AI 37 or AI 30 is present and uses the value from AI 30 when AI 37 is not present. When the **GS1 Application Identifier of Field No. (Qty)** field is configured, the system prioritizes the configured AI value if it exists in the scanned barcode. Otherwise, the system uses AI 37 and then AI 30 if neither is present. Additionally, the system sets the default quantity to 0 in the **Warehouse Receipt** module and ensures accurate quantity resolution during barcode scanning.
- In the location setup, the **Scan Destination License Plate** field can be configured on in the Module Validation page for the **Ad Hoc Movement** module.

This setup allows you to move quantity from one license plate to another existing license plate that already contains inventory using the scanner. However, if you try to move quantity to a new license plate or to an existing empty license plate, the system displays an error during scanning, and the movement is not be allowed.

UI/UX changes

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

- The **Resolve Quantity from AI** toggle has been added to the **Warehouse Receipt Setup** page.
- The **Scan Destination License Plate** field has been add to the **Module Validation** page of the **Ad Hoc Movement** module.

Note

This field is visible when you execute the **Create Default Validations** action on the **Module Settings** page for the **Ad Hoc Movement** module and the default value is set to *Inactive*.



Resolved issues

The following issues have been resolved in this release.

ID	Description
355531	An error occurs during the Ad Hoc Movement (Place mode) step when scanning a bin code, which interrupts the workflow and prevents the user from completing the movement process.
347565	The system restricts lot-tracked items to a single quantity per transaction in Ad Hoc Movement (Multiplace mode), preventing users from moving multiple quantities as supported for LPN-tracked items.
354531	The system does not correctly handle long-press actions in Ad Hoc Movement (Place mode), causing a different line to be selected instead of the line intended by the user.

 Note

The minimum version required for the Aptean WMS app to operate with this release is [1.16.298740.0](#).



2601.0.0.0

Release Note • 1/28/2026 • 5 min read

Features

With the features added in this release of the Aptean Warehouse Management System extension, the system:

- Allows you to configure and display customizable subheaders (including Lot No., Unit of Measure, Quantity, and Item No.) on request forms on the **License Plate Info** module in the scanner by defining header field identifiers on the **Request Form Header Fields** page and format patterns (e.g., %1 - %2 - %3) via the **Scanning Subheader Format** field value on the **Request Form** page, providing immediate visibility of key license plate content details before making adjustments.
- Introduces the ability to move a partial quantity from an existing license plate number to another license plate number in the **Ad Hoc Movement**. This enhancement provides greater flexibility in inventory handling when items need to be split across multiple license plates during warehouse operations.

The system provides the following functionality:

- Allows posting of license plate movements that include multiple items or multiple lot numbers within a single license plate.
- Supports moving entire license plate numbers in a single transaction through the warehouse reclassification journal, ensuring consistency with the tem eclassification ournal workflow.
- Validates whether a license plate number is assigned to more than one destination bin during posting.
- If conflicting destination bin assignments are detected, the system displays an appropriate error message.
- Supports moving license plates that contain multiple items and/or multiple lot numbers in directed locations using Ad Hoc ovement.
 - Provides the following functionality:
 - Allows you to move full license plates that contain:
 - A single item with a single lot,
 - A single item with multiple lots, or
 - Multiple items with multiple lots.
 - Guides you through the correct workflow when moving full or partial quantities from a license plate in a directed location.
 - Supports quantity-based movements where you may:
 - Move the full license plate number,
 - Move a selected lot,
 - Move a selected item/lot combination,



- Split quantities across new license plate numbers, or
 - Leave remaining quantities on the original license plate number.
- Displays selection prompts when you need to choose an item, lot, or new, depending on the scenario.
 - Validates quantities, ensuring you cannot move more stock than is available on the license plate.
 - Ensures that remaining quantities always stay correctly on the original license plate after a partial move.
 - Movement flows work consistently whether you scan the first or the bin first, supporting all directed location configurations.

UI/UX changes

The **Header Fields** action and the **Scanning Subheader Format** field has been added to the **Request Form (WMS)** page.

Resolved issues

The following issues have been resolved in this release.

ID	Description
341820	The system fails to auto-increment the Index field and the Identifier field on the Request Form Header Fields page. This issue occurs when creating new lines, preventing each line from automatically receiving a higher number as it does in the scanning modules. Additionally, this prevents the move up/down functionality from working correctly.
334095	The system fails to restrict the usage of request forms to the specified scanning module based on the For Module field value on the Request Form page. This issue occurs when the For Module field value is set to a specific scanning module.
340175	The system fails to update the Type field value on the License Plate page even though a default license plate type is defined for the item.
331188	An error occurs during ad hoc movement and outbound picking when scanning a license plate that contains multiple lots of the same item.
348110	• The system incorrectly prompts you to confirm the License Plate Type during ad hoc movement on the Ad Hoc Movement screen, even when a default license plate type is defined for the item and the source license plate. This issue arises when the Confirm License Plate Type field value is set to <i>When unknown</i>. • The system incorrectly updates the License Plate Type of the source license plate when moving part of a license plate to a new destination license plate. This issue arises because the selected



	License Plate Type field value for the destination license plate is also applied to the source license plate.
344055	The system fails to update the Location Code field value on the License Plate page when items are moved using the ad hoc movement process. This issue occurs when a quantity is moved from an existing license plate to a new bin and a new SSCC is generated during the movement.
321927	The system fails to display an error when a license plate number is associated with multiple bins and it is allowed by turning on the Allow 1 LPN on multiple Bins toggle on the Adv. Warehouse Setup page.
338905	The system fails to keep a warehouse activity available for dock scanning when a transport validation is still pending, causing the scanner to report that the warehouse activity does not exist after the scheduled housekeeping task runs.

See also

- [Known issues](#) - Lists current issues and their status.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.15.292445.0](#).



2509.2.0.0

Release Note • 11/26/2025 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
339851	The system incorrectly blocks ad hoc warehouse movements when attempting to place items on a newly created license plate number using the Print action on the Aptean WMS scanner.
332554	When the language is set to Dutch, the system incorrectly translates the caption for the Print New License Plate Labels report.

 **Note**

The minimum version required for the Aptean WMS app to operate with this release is [1.14.272810.0](#).



2509.1.0.0

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

Resolved issues

The following issue has been resolved in this release.

ID	Description
329868	The system fails to display the Show on Load List checkbox on the Logistics Statuses page.

 **Note**

The minimum version required for the Aptean WMS app to operate with this release is [1.14.272810.0](#).



2509.0.0.0

Release Note • 10/22/2025 • 5 min read

Features

With the features added in this release of the Aptean Warehouse Management System extension,

- The system behavior has been enhanced to allow greater flexibility in managing the **Pick According to FEFO** toggle on the **Location Card** page. This feature ensures that this toggle is only restricted for locations where the **Warehouse Pick** module is installed.
 - If the **Pick According to FEFO** toggle on the **Location Card** page is turned on while the Aptean Beverage Advanced Warehouse Management extension, Drink-IT Edition is installed, the system restricts you from installing the **Warehouse Pick** module on the **Modules on Scanner** page.

Note

The warning message reads as *When Pick According to FEFO is enabled and Advanced Warehouse Management is installed, the system cannot guarantee that picks will be created as expected. The Warehouse templates process order will not be followed, and inventory not in bin groups can cause incomplete picks.*

- If the **Warehouse Pick** module is installed on the **Modules on Scanner** page and you attempt to turn on the **Pick According to FEFO** toggle, the system displays an appropriate error message.

Note

Turning on this toggle may lead to unexpected behavior, as:

- When using bin groups (AWM) and some items are in a bin without bin group or in a bin with a bin group which is not included in the process order of the used **Warehouse Templates** page, the result will be having incomplete warehouse picks.
- The functionality of **Pick According to FEFO** sorts the bin contents differently than we use in Aptean Beverage Advanced Warehouse Management, when using full and mixed picks, which will divide picking lines for a full license plate number over multiple lines to pick as a mix pick. The **Pick According to FEFO** is selecting lot numbers from multiple bins for a full pallet quantity, because they are the oldest lot numbers, so a full pallet pick will move to be a mix pallet pick.
- Changing the lot number on the warehouse pick is not possible because of the tracking in the warehouse pick created by using **Pick According to FEFO**.
- Using source documents with other units of measure than the base unit of measure creates unregistrable warehouse picks because of rounding issues.



For more information see, [Introduction](#).

- You can adjust item quantities directly from the **License Plate Info** scanning module using the **Change LP Item Qty** request form handler.

Key validations:

- Adjusted quantity should not be greater than the pallet quantity.
- Adjustments are only allowed for license plates with the open status. If attempted on any other status, the system displays error message.
- If a reason code has an assigned bin and the quantity entered is positive, the system blocks the transaction with an error message.
- If the reason code bin is valid and the quantity is negative, the system moves items from the current bin to the reason code's bin using the item reclassification journal or warehouse journal (for directed locations).

The system automatically selects the correct journal type:

- Item Journal - Item Reclassification Journal for non-directed locations.
 - Warehouse Journal - Warehouse Item Journal for directed locations.
- The system allows only authorized users who have access to individual request forms to perform sensitive actions such as inventory corrections or license plate modifications. That is only the users assigned in the **WMS User No.** on the **Request Form Users** FastTab of the **Module Settings** page are allowed to modify the license plate quantity. If no user is assigned, then any authorized user can access.
 - The system supports accurate configuration of field mappings and option selectors within the **Change LPN Item Qty** screen related to the **License Plate Info** screen. This feature supports defining the correct table and field linkages for both quantity and reason code fields in request forms used for license plate quantity adjustments directly from the scanner.
 - You can manually print license plate labels by executing the **Print Partial Pick LP** action on the **Pick** screen (displayed only if the request form has relevant setup) and confirming it when automated printing is not possible. With the **Print Partial Pick LP** request form handler, the system identifies all registered license plates associated with the current warehouse pick operation and prints labels according to the label setup defined in the warehouse template. This ensures that both automated and manual printing methods produce identical, compliant label outputs.
 - Manual printing is supported only for Warehouse Picks to ensure controlled and predictable behavior.
 - The feature can be executed multiple times for the same pick if additional items are processed later. For more information, see [Walkthrough Printing picked license plates manually](#).
 - The system validates request form entries configurations in the **Warehouse Pick** module of the **Module Settings** page to prevent errors caused by missing the request **ID** field value. If this field is empty, the system displays an error message prompting you to enter a valid ID before saving.



UI/UX changes

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

- The **Change LPN Item Qty** handler has been added to the **Request Forms (WMS)** page related to the **License Plate Info** module.
- The **Change LP Item Qty** action has been added to the relevant **License Plate Info** screen.
- The **Print Partial Pick LP** handler has been added to the **Request Forms (WMS)** page for only warehouse pick module.
- The **Print Partial Pick LP** action has been added to the **Pick** screen.

Resolved issues

The following issues have been resolved in this release.

ID	Description
330182	The system fails to retain the remaining quantity on the original license plate number in the personal movement bin during the Ad Hoc Movement process, after partially moving items to another license plate number (new) on the destination bin. Additionally, the system fails to display an error message when the entered quantity is greater than the available license plate quantity.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.14.272810.0](#).



2508.2.0.0

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

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the *OnBeforeDispatchDispatchDocument139FDW* integration event has been added to the *Events139FDW* codeunit and implemented in the *DispatchDocument139FDW* codeunit. This event allows external extensions to add custom logic or modify data before the dispatch document process is executed.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.14.272810.0](#).



2508.1.0.0

Release Note • 10/13/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension,

- The *Events139FDW* codeunit has been updated to include integration events for enhanced extensibility and customization.
- The *OnAfterAdHocMovementGetItemsAddTempActivityLine* event has been added to the *AdHocMovement139FDW* codeunit. This event is triggered after each ad hoc movement line item is added to the temporary activity line during the ad hoc movement workflow and allows subscribers to modify or enhance activity line data, add custom fields or calculations, and implement business-specific logic or validations for movement operations.
- The *OnAfterLPNInfoGetItemsAddTempActivityLine* event has been added to the *LPNInfo139FDW* codeunit. This event is triggered after each license plate content item is added to the temporary activity line during license plate number information retrieval and allows subscribers to customize how license plate content is processed or displayed by adding calculations, item details, or integration logic with external systems.
- The *Events139FDW* codeunit has been referenced in both the *AdHocMovement139FDW* and *LPNInfo139FDW* codeunits, allowing other extensions to subscribe to these events, extend functionality, and integrate with external systems without modifying the base code.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.13.266052.0](#).



2508.0.0.0

Release Note • 9/24/2025 • 3 min read

Features

With the features added in this release of the Aptean Warehouse Management System extension,

- The system automatically assigns the destination license plate for the warehouse pick when the license plate is completely picked and a license plate for the same warehouse shipment is scanned. This applies to both single-pallet and mixed-pallet picking scenarios.
- The system automatically assigns a destination license plate when scanning a license plate that is not present in Business Central and if the selected license plate does not have stock, during the movement process on the **Inventory Movement** screen. Additionally, if the same license plate is scanned again, the destination license plate gets cleared. The system displays a pop-up message when you scan a license plate with stock. For more information, see [Setting up warehouse templates](#).

Note

This feature works only when the **Active** checkbox is selected for the *Scan Destination License Plate* resolver on the **Module Validation** page.

- The system includes the labeling settings related to the inventory movement to automatically generate a destination license plate from the scanner.
- The system supports place confirmation in inventory movements with a transport validation option, *Move to bin* in the **Transport Validation Type** field of the **Warehouse Templates** page. This feature improves accuracy by requiring you to confirm the destination bin before completing inventory movements. For more information, see [Setting up warehouse templates](#).
- The system records the WMS user and module type on the **Warehouse Entries** and **Detailed Warehouse Entries** pages. This provides managers with better visibility into user activity for auditing and performance tracking. The information is automatically taken from the data received through the WMS scanner.
 - **WMS User ID:** Specifies the code related to the WMS user who performed the transaction recorded in this warehouse entry.
 - **WMS Module Type:** Specifies where the recorded entry is from (example: warehouse receipt or warehouse pick).
- The system supports automated label printing in the new labeling functionality where labels can be automatically printed after warehouse picks are completed on the Aptean WMS scanner. For more information, see [Setting up warehouse templates](#)



UI/UX changes

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

- The **WMS User ID** and **WMS Module Type** fields have been added to the **Warehouse Entries** and **Detailed Warehouse Entries** pages.
- The **Label Code** field has been added to the **Warehouse Templates** page.
- The *Move-To-Bin* option has been added to the **Transport Validation Type** field on the **Warehouse Templates** page.

Resolved issues

The following issues have been resolved in this release.

ID	Description
322202	An error occurs during warehouse picking when scanning a destination license plate on the WMS scanner. This issue arises when a license plate that was previously used in a production pick is later used in a shipment pick, and the system does not update the warehouse document type correctly based on the source document.
323195	The system incorrectly assigns a license plate from another warehouse location as the destination license plate during a warehouse pick. This issue occurs when no destination plate is selected during a single pick, and a pallet from a different location is scanned.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.13.266052.0](#).



2507.1.0.0

Release Note • 9/24/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the following changes have been made to ensure compatibility with Business Central, version 27.

- The *OnBeforeSkipLicensePlateTypeCodeCheck* event has been added to the *GenFunctions139FDW* codeunit that allows extensions to skip license plate type validation before proceeding.
- The *IntILPTypeBTPAOnWayOnBeforeLPMandatoryCheck* event has been added to the *GenFunctions139FDW* codeunit that provides a hook before running a mandatory check, giving subscribers control to override system logic via the *IsHandled* flag.
- The *LicensePlateTypeCode* event has been replaced with a *OnBeforeSkipLicensePlateTypeCodeCheck* event has been added to the *IntILPType139FDW* codeunit to override default validation or decision-making logic.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.13.266052.0](#).



2507.0.0.0

Release Note • 9/24/2025 • 4 min read

Features

With the features added in this release of the Aptean Warehouse Management System extension,

- The system applies warehouse template functionality to inventory movements by allowing you to assign a specific **Movement Warehouse Template Group** and **Movement Warehouse Template Code** field values on the **Journal Setup** FastTab of the **WMS Configuration** page.
- When initiating an inventory movement, the system uses the assigned template to suggest the most appropriate bin related to the *Take* line. The system follows the sorting method while suggesting the *Take* bin. To know more on sorting method types, see [Bin display on the scanners](#).
- If there are multiple inventory movements with the same quantity, the system suggests lot based on the sorting method but donot reserve the lot until posted.
- The system enhances warehouse picking guidance by incorporating item tracking information. This ensures item picking is directed to the correct inventory lots while avoiding conflicts with other transactions already linked through item tracking. The following functionality has been added.
 - The system introduces a prefix to indicate reserved lots on the **Pick** screen during picking process when the lot is already reserved on outbound documents.
 - If no reservation exists, the system suggests lot items based on the earliest expiration date.
- You can use the **Header Fields** action to open the list of fields that you want to set up as headers and filter for the **Movement** module on the **Modules on Scanner** page. You can also use the **Default User Filters** action to configure default user filters for this module. Both actions are available on the **Module Settings** page and work similarly for all other modules on the **Modules on Scanner** page. For more information, see [Setup in Business Central](#).
- The system allows you to scan and register a license plate number on the related pick screen which has the consolidated quantity of multiple item lines greater than the pallet quantity for the process related to inventory movement.
- The system displays an error message when you try to register the selected inventory movement partially by scanning the same license plate the second time that has the same bin code in both related *Place* and *Take* lines on the associated **Pick** screen.
- The system automatically assigns a destination license plate during mix or single pick process if the selected license plate does not have stock.



Note

This feature works only when the **Active** checkbox is selected for the *Scan Destination License Plate* resolver on the **Module Validation** page.

- The system allows you to create and print multiple empty license plate labels. This feature helps you prepare labels for mixed pallets without creating license plates in advance. For more information, see [Print-empty-license-plate-labels](#).

Note

This feature is available only when the Aptean [Labeling](#) extension is installed.

- The system automatically deletes warehouse put-away documents when all lines have been registered on the Aptean WMS app if the **Delete Empty Whse Put-Away** toggle on the **Adv. Warehouse Setup** page is turned on.

Integrations

The Aptean Warehouse Management System extension has been integrated with the Aptean [Labeling](#) extension. For more information, see [Integrations](#).

UI/UX changes

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

- The **Print New License Plate Labels** page has been added.
- The **Labeling** FastTab has been added to the **Adv. Warehouse Setup** page.
- The **Movement Warehouse Template Group** and **Movement Warehouse Template Code** fields have been added to the **Journal Setup** FastTab of the **WMS Configuration** page.
- The *Invalid Bin Code Check* validator has been added to the **Module Validation** page associated with the **Inventory Movement** module.
- The *Scan Destination License Plate* resolver has been added to the **Module Validation** page.

Resolved issues

The following issues have been resolved in this release.



ID	Description
315134	The system fails to validate shipping bins correctly during warehouse picks. When scanning the shipping bin, it is handled as a source bin instead of confirming the transport validation, causing the message to be displayed instead of being cleared.
316353	The system incorrectly updates the Qty. to Handle field values on the Lines FastTab of the Warehouse Pick page when scanning a license plate number in the Apteon WMS app. This issue arises during partial picking.
318719	The system incorrectly allows to delete a warehouse pick that is open in the Apteon WMS scanner when executing the Delete Pick action on the Warehouse Pick page. This issue arises when the Status field value is set to <i>Released</i> on the WMS Activity List page.

 Note

The minimum version required for the Apteon WMS app to operate with this release is [1.13.266052.0](#).



2506.2.0.0

Release Note • 9/24/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the following changes have been made to ensure compatibility with Business Central, version 27.

- The *OnBeforeFindTempLineBufferBeforeAddActivityLineEntry* event has been added to the *Events139FDW* codeunit that allows users to inject custom logic before the system finds and processes entries while adding activity line entries.
- The *OnBeforeFindTempLineBufferBeforeAddActivityLineEntry* event and the *IsHandled* flag have been added to the *WhsePick139FDW* codeunit that allows users to override or skip the default logic.

! Note

The minimum version required for the Aptean WMS app to operate with this release is [1.13.266052.0](#).



2506.1.0.0

Release Note • 8/27/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the following changes have been made to ensure compatibility with Business Central, version 27.

- The *OnAfterSetUpdateFilter* integration event has been added to the *Events139FDW* codeunit which passes the *WarehouseActivityHeader*, *WarehouseActivityLine*, and *TempEntry* records. This event is designed as an extension point for code to hook into the filtering process after the update filter is set on warehouse activities.
- The *SetUpdateFilter* procedure has been updated by:
 - Declaring the *Events139FDW* variable to access the events in the codeunit.
 - Applying filters on the *WarehouseActivityLine* record using values from the *TempEntry* record.
 - Calling the *OnAfterSetUpdateFilter* integration event after setting the filters, passing relevant parameters.



2506.0.0.0

Release Note • 7/30/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension,

- The system updates the purchase order lines on the **WMS Entries** FastTab of the **Activity List (WMS)** page once you select the **ADD** button on the WMS scanner and clears the purchase order lines associated with lot and license plate on the associated **Receipt** screen of the WMS scanner. The system posts the purchase lines on Business Central only when the **Complete** button is selected on the WMS scanner.
- The system displays an error message when there are no purchase order lines on the associated **Receipt** screen indicating that there is no outstanding quantity for the item.

! Note

- This functionality is available only when the Aptean [Over Under Delivery](#) extension is installed.
- The minimum version required for the Aptean WMS app to operate with this release is [1.11.245550.0](#).



2505.0.0.0

Release Note • 7/2/2025 • 3 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension,

- The system introduces enhanced lot reservation validation during the warehouse pick process. When registering a pick for a sales order, the system checks whether the selected lot number has already been reserved in another outbound document. If the lot is reserved elsewhere, the system prevents the pick from being registered and displays an appropriate error message.
- The system enhances destination license plate number functionality for single pick scenarios. When using a warehouse template with the **Picking Type** field value set to *Single Pick*, the system behaves consistently with mix pick process. It allows consolidating items into a single destination license plate, automatically or manually assigning the license plate in the *Place* line based on pick quantity and license plate selection in the *Take* line. Existing license plate values are cleared if the source license plate is changed. All other validations and behaviors work similarly those used in mix pick processes. To know more, see [Setting up warehouse templates](#).
- The warehouse pick process has been enhanced to display only lines with an **Outstanding Quantity** field value greater than 0. This ensures that warehouse employees are presented with only the relevant items that still require picking, streamlining the workflow and minimizing unnecessary actions during order processing.
- You can register an underpick even when the **Quantity to Handle** field value is 0 on the **Warehouse Pick** page, provided the underdelivery tolerance is within the allowed limit.

UI/UX changes

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

- The **Location Code** field has been added to the **Detailed Warehouse Entries** page.
- The **Hide Complete Button** field has been added to the **Company Settings (WMS)** page.
- The **Confirm Underdeliver** toggle has been added to the **WMS Configuration** page.
- The **Confirm Underpick** toggle has been added to the **Warehouse Templates** page.
- The **Confirm Underdelivery** toggle has been added to the **Journal Setup** FastTab of the **WMS Configuration** page.
- The **Confirm Underpick** checkbox has been added to the **Warehouse Templates** page.
- The *Verify Overpick* and *Verify Underpick* validators have been added to the **Module Validation** page associated with the **Warehouse Pick** module.



- The *Overpick* postback field has been added to the **Additional Fields** page associated with the **Warehouse Pick** module.
- The *Verify Underdelivery* and *Verify Overdelivery* validators have been added to the **Module Validation** page associated with the **Warehouse Receipt** module.
- The *Overdelivery* postback field has been added to the **Additional Fields** page associated with the **Warehouse Receipt** module.
- The *Over Pick* and *Under Pick* validators have been made obsolete on the **Module Validation** page associated with the **Warehouse Pick** module.

Resolved issues

The following issues have been resolved in this release.

ID	Description
290457	An error occurs on the Item Tracking Lines page when attempting to modify the quantity in the Quantity (Base) field on the Item Tracking Lines page for a warehouse receipt line. This issue arises after completing the receipt process through the WMS scanner.
301347	The system incorrectly clears the Lot No. field value in the warehouse lines on the Warehouse Pick page when registering a license plate from the scanner. Additionally, the system displays incorrect value for the Qty field on the scanner.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.11.245550.0](#).



2504.0.0.0

Release Note • 6/4/2025 • 11 min read

Features

With the features added in this release of the Aptean Warehouse Management System extension,

- The system supports label printing for non-base units of measure in the production output process. Labels are printed based on the unit of measure and barcode information defined in the production order and item reference. The system selects the appropriate barcode and recalculates the label quantity when the production order uses a non-base UoM, such as *PALLET*.
The label printing behavior is updated as follows:
 - If a barcode with the **Label Print** checkbox selected uses a non-base UoM, and the requested quantity is a whole number that matches a full unit (such as one full pallet), the system prints that barcode using the appropriate UoM and recalculated quantity.
 - In all other cases, the system prints the barcode using the base UoM and the requested quantity.
- You can control whether warehouse receipt and inventory movement documents are automatically released to the scanner. You can configure which document types are automatically sent to the scanner, eliminating the need to manually release them each time. This functionality is controlled by the **Auto Release to scanner** toggle on the **Module Settings** page, where the **Module** field value is set to *Warehouse Receipt* or *Movement*.
When the **Auto Release to scanner** toggle is turned on, the related activity is created in the WMS activity list for the corresponding module type (warehouse receipt or movement) and appears in the document list on the Aptean WMS scanner.

! Note

The **Auto Release to scanner** toggle is editable only when the **Module** field value is set to *Warehouse Receipt* or *Movement*.

- You can define whether to display the expected stock count on the **Stock Count** screen in the Aptean WMS app by configuring the **Stock Count** toggle on the **WMS Configuration** page associated with the **Location Card** page.
- A new line can be registered on the WMS Android App and added to an empty **Physical Inventory Journals** page when executing the **Show WMS Entries** action.

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension,



- The scanner interface displays bin codes instead of bin descriptions. This ensures that warehouse employees can scan the exact bin code shown on the scanner, improving scanning accuracy.
- The character limit of the **Picking Group** field value has been increased to 20 on the **Bin Capacity** page.
- You can assign the bins to separate picking and put-away groups to support more flexible warehouse operations. This enhancement allows you to define two distinct bin groups for a single bin, one for the picking process and another for the put-away process on the **Bins** page associated with the warehouse location. This enables optimized warehouse flows to different operational strategies for inbound and outbound logistics.

Note

All put-away flows consider the put-away group assigned to bins to ensure accurate placement of items.

- The sub module template functionality has been enhanced to support the *Item Put-Away Templates* option for the **Bin Suggestion** field, improving warehouse accuracy during ad hoc movements.
The conditions and restrictions in the **Sub Module Template** page of the ad hoc movement are as follows:
 - The *Item Put-Away Templates* option in the **Suggest Bin** field on the **Sub Module Templates** page is only available when the **Put-Away Template Guidance** toggle on the **WMS Configuration** page is turned on.
 - When the **Suggest Bin** field value is set to *Item Put-Away Templates* on the **Sub Module Templates** page,
 - The **Replenishment Pick Template Group** field value on the **Sub Module Templates** page must be empty.
 - The **Multi Take Mode** field can have any value.
 - The **Multi Place Mode** field value can only be set to blank.
 - The system calculates the destination bin in the **Place Modus** field on the ad hoc movement screen using the same logic as standard put-away processes.
 - If the **Replenishment Pick Template Group** field has a value, the *Item Put-Away Templates* option in the **Suggest Bin** field on the **Sub Module Templates** page cannot be selected.
 - If the **Suggest Bin** field value is set to *Preferred Bin* or *Item Put-Away Templates* option, the **Replenishment Pick Template Group** field value must be blank.
The system calculates the destination bin in the **Place Modus** field using the logic of standard put-away processes to guide the warehouse employee to the correct bin.
The enhanced flow includes:
 - Scanning the license plate number in the **Take** mode.
 - Receiving bin guidance based on item-specific put-away templates in the the **Place** mode.
 - Scanning and checking the destination bin and license plate number before completing the registration.
- The ad hoc movements functionality has been enhanced to support the *Put-Away Templates* option based validation during license plate number registration. This ensures that license plate numbers are registered using



the same logic as standard put-away processes, improving consistency and accuracy in warehouse operations. The system validates as follows:

- When the **Put-Away Template Guidance** toggle on the **WMS Configuration** page is turned on:
 - Bin suggestions follow the same logic as bulk put-away processes, even for multiple license plate numbers.
 - The *Ad Hoc Movement Template Check* option in the **Validator** field on the **Module Validation** page becomes available. When enabled, it ensures bin registration is verified against template logic. -The enhanced flow includes:
 - Scanning the license plate number in **Take** mode.
 - Receiving bin guidance based on item-specific put-away templates in **Place** mode.
 - Scanning and checking the destination bin and license plate number before completing the registration.
- The display functionality for ad hoc movements has been enhanced, providing warehouse employees with improved visibility and control over produced license plates in the production output bin(s). When the **Take Bin** field value is specified on the **Sub Module Templates** page, the system checks for available inventory and updates the display behavior as follows:
 - The **Take Bin** field value appears before the description in the document list of the **Ad Hoc Movement** screen.
 - If the take bin contains license plate content, the quantity of license plate numbers appears before the take bin.
 - If inventory exists in the bin code, the item list opens in the **Place Mode** screen.
 - If no inventory exists, the item list opens in the **Take Mode** screen.
- Enhancements have been made to validate user permission sets and licenses when accessing the application. The system automatically verifies that users have the correct permissions and licenses assigned before allowing access to specific functionalities.
- If a required permission set or license is not valid, certain functionalities are disabled to ensure that the application is used only by authorized users, maintaining security and compliance.
- The license plate type handling in warehouse receipt process has been enhanced to ensure proper tracking and consistency when receiving items.
 - If the **SSCC No.** field has a value in the WMS entry line and the **License Plate Type** field value is empty, the system automatically assigns the license plate type from the corresponding warehouse receipt line.
 - If the SSCC corresponds to an existing license plate number in the receipt bin of the warehouse receipt line, and the license plate type does not match, the system displays an error message.
 - If the **License Plate Type** field value is left blank when posting the warehouse receipt, the system displays an error message, ensuring that the receipt cannot be posted without a valid license plate type.

UI/UX changes

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



- The **Take Bin** field has been added to the **Sub Module Templates** page.
- The **WMS Module Type** field has been added to the **Warehouse Entries** and **Detailed Warehouse Entries** pages.
- The **Put-Away Group** field has been added to the **Bin Contents** page and the **Bins** page associated with the WMS location.
- The **Stock Count** group has been added to the **Journal Setup** FastTab on the **WMS Configuration** page associated with the **Location Card** page.
- The **Bin Code Display** toggle has been added to the **Company Settings (WMS)** page.
- The **Auto Release to scanner** toggle has been added to the **Module Settings** page for all the modules.
- The **Picking Group** checkbox has been added to the **Bin Groups** page.
- The *Item Put-Away Templates* option has been added to the **Suggest Bin** field of the **Sub Module Templates** page.
- The **Quantity on LPN** field has been renamed to **Quantity on LPN (Base UoM)** on the **BT Prod. order labels** page.
- The **Block double LPN on Purchase** checkbox has been renamed to **Block double LPN on Warehouse Receipt** on the **License Plate Tracking Codes** page.
- The **Bin Group** field has been renamed to **Picking Group** on the **Bin Contents** page and the **Bins** page associated with the WMS location.

Resolved issues

The following issues have been resolved in this release.

ID	Description
282873	The system displays incorrect values in the dropdown for the Warehouse Template Code filter on the Put-Away Guidance page.
258687	An error occurs when setting the maximum weight for a bin on the Bins page associated with the location if put-away templates are not used.
263000	An error occurs on the Activity List (WMS) page when completing a warehouse receipt using an existing license plate from bin contents.
285384	An error occurs when registering the pick, put-away, ad hoc movement, or warehouse bulk put-away activity due to an incorrect calculation related to the Maximum Height and Maximum Weight field values on the Location WMS page.
283800	The system prevents the customization from being applied on the Activity List (WMS) page, hindering the desired process flow.



233766	The system incorrectly displays a completed warehouse put-away document in the Whse. Bulk Put-away module on the scanner, even after the put-away process is completed.
210868	The system does not allow scanning the same license plate on the WMS app. This issue occurs when a component line is added on the Prod. Order Components page and a warehouse pick is created in the Business Central.
280755	The system displays incorrect quantity during advanced production consumption activity.
279694	The system fails to display a confirmation message when scanning a bin code and license plate number for an item that is not present in the consumption list during advanced production consumption activity.
279913	The system incorrectly displays a warning message when scanning a full pallet license plate number in the Warehouse Pick module, even though the license plate number exists in inventory with the correct item and quantity.
281662	The system displays an incorrect error message when scanning the expiration date in the barcode. This issue occurs during the warehouse picking process for a sales order for a non-license plate number-tracked customer and a non-license plate number-tracked item with item tracking and an expiration date.
285664	The system incorrectly allows transferring the item that exceeds the available stock in a selected bin, resulting in negative stock on the Inventory Overview page. This issue occurs when a transfer order is created with a quantity greater than the available quantity in the bin, and a warehouse shipment is posted with the same quantity.
291961	The system fails to move the non-license plate number tracked items to the Place screen after scanning the items on the Ad Hoc Movement screen.
294822	An incorrect error occurs when attempting to assign a license plate number to multiple bins during the direct put-away process when scanning the Take Modus field.
291496	An error occurs when scanning the license plate of an item with an expiration date when the first line in the list does not contain an Expiration Date field value in the Take line on the Ad Hoc Movement screen. Additionally, the system fails to move the scanned license plate number to the Place screen.
298718	The system incorrectly bypasses the final validation without the confirmation message during advanced production consumption when the LPN Quantity Inbound Restriction field is set to <i>Not Enabled</i> on the Item Card page.
298956	An error occurs when scanning a license plate number located in a different bin than the one specified on a line where the Action Type field is set to <i>Take</i> on the Lines FastTab of the Warehouse Pick page.
291795	An error occurs when scanning license plate on the Ad Hoc Movement screen. This issue arises during the ad hoc movement validations.



 Note

The minimum version required for the Aptean WMS app to operate with this release is [1.10.228173.0](#).



2503.5.0.0

Release Note • 3/21/2025 • 2 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
246173	The system fails to display the confirmation message when consuming an item that is not on the component list in the OWM scanner app for production consumption, even when the <i>Item exists on document</i> validator is configured on the Module Validation page and the Adv. Cons. Display Format field has a value on the WMS Configuration page.
276231	An error occurs on the Item Journal page when posting the item journal after changing the license plate quantity on the License Plate Reservation Entries page. Additionally, the system fails to update the LPN Quantity Inbound Restriction field value correctly on the Adv. Warehouse Setup and Item Card pages.
262784	The system does not allow scanning of license plate numbers on the Ad Hoc Movement screen when the license plate number quantity exceeds the full license plate quantity.
270476	An error occurs when assigning a non-existing license plate number in the License Plate No. field for mixed picks on the Warehouse Pick page.
277375	An error occurs when attempting to register a warehouse item journal entry for a directed location that does not have WMS configuration.

 Note

The minimum version required for the Aptean WMS app to operate with this release is [1.8.218271.0](#).



2503.4.0.0

Release Note • 3/20/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the *IntlIPstDrctPtAwayOnBeforeLPMandatoryCheck* integration event has been added to the *GenFunctions139FDW* and *IntlIPstDrctPtAway139FDW* codeunits, allowing external systems or extensions to customize the license plate mandatory check during the internal put-away posting process.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.8.218271.0](#).



2503.3.0.0

Release Note • 3/11/2025 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
269161	The system fails to display an error message when scanning a quantity that exceeds the pallet UoM in the Warehouse Receipt module of the Aptean WMS app, allowing incorrect quantity in the detailed warehouse entries.
270606	The system fails to display an error message when assigning quantities that exceed the license plate capacity (pallet UoM) in the Warehouse Receipt module while over under delivery validators are enabled. This issue occurs despite no over under delivery setup existing for the vendor and item, allowing the creation of detailed warehouse entries with an incorrect quantity.

 Note

The minimum version required for the Aptean WMS app to operate with this release is [1.8.218271.0](#).



2503.2.0.0

Release Note • 3/10/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, you can view the shipment bin location while picking items in the warehouse when the **Display Shipment Bin** toggle on the **Journal Setup** FastTab of the **WMS Configuration** page is turned on. The bin code appears in the item description, separated by a hyphen, for both single and multiple shipment bins. The bin code is displayed for every place line associated with the first take line of the item in the pick.

UI/UX changes

The **Display Shipment Bin** toggle has been added to the **Journal Setup** FastTab of the **WMS Configuration** page.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.8.218271.0](#).



2503.1.0.0

Release Note • 2/27/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, you can choose which item reference entry label to print by selecting the **Label Print** checkbox on the **Item Reference Entries** page. If the checkbox is not selected for any entries, the system prints the first entry by default.

UI/UX changes

The **Label Print** checkbox has been added to the **Item Reference Entries** page.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.7.212745.0](#).



2503.0.0.0

Release Note • 2/27/2025 • 2 min read

Features

With this release of the Aptean Warehouse Management System extension,

- The system prevents blocked or expired lots used in the consolidated production movement during the movement activity for production consumption in the Aptean WMS app. This enhancement addresses the issue reported in bug ID #265351. For more information, see [Integration with Aptean Inspection Status](#).
- You can assign and manage custom license plate numbers in Business Central for inventory tracking and perform the warehouse management activities. For more information, see [What's new in Beverage Advanced Warehouse Management, version 2505.0.0.0](#).

UI/UX changes

The *Inspect Consolidated Prod. Movement* validator has been added to the **Module Validator** page associated with the **Movement** module.

! Note

This validator is accessible only when the Aptean [Inspection Status](#) and Aptean [Process Manufacturing](#) extensions are installed.

Resolved issues

The following issues have been resolved in this release.

ID	Description
263359	An error occurs on the Activity List (WMS) page, where the received quantity is incorrectly displayed when posting a warehouse receipt with an over-quantity.
265351	The system incorrectly allows movement of blocked lot numbers in consolidated production movement without verifying their inspection status.



 Note

The minimum version required for the Aptean WMS app to operate with this release is [1.7.212745.0](#).



2502.1.0.0

Release Note • 2/21/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the **Picking Group** field is no longer marked as obsolete. This ensures that the field remains active without any restrictions and can be used in the Norriq to Aptean conversion.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.7.212745.0](#).



2502.0.0.0

Release Note • 2/5/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Beverage Advanced Warehouse Management extension, Drink-IT Edition. To know more, see [What's new in Advanced Warehouse Management, version 2502.0.0.0](#).

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.6.204744.0](#).



2501.0.0.0

Release Note • 2/3/2025 • 1 min read

Features

With this release of the Aptean Warehouse Management System extension, you can manage production movements, ensuring real-time data synchronization between the consolidation production movement in Business Central and the WMS scanner. For more information, see [Integration with Aptean Process Manufacturing](#).

Integrations

The Aptean Warehouse Management System extension has been integrated with the Aptean [Process Manufacturing](#) extension. For more information, see [Integrations](#).

UI/UX changes

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

- The **Release Consolidated Movement to Scanner** toggle has been added to the **Process Manufacturing Setup** page.
- The *Register Movement* option has been added to the **Posting Handler** field on the **Module Setting** page for movement activity.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.6.204744.0](#).



2406.4.0.0

Release Note • 1/29/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the *OnBeforeWhseReceiptHandleDlgDecisionWhenUnknown* integration event has been added to the *GenFunctions139FDW* codeunit to enhance customization.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.6.204744.0](#).



2406.3.0.0

Release Note • 1/21/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the character limit for the **Picking Group** field value on the **Bin Capacity** page has been prepared to be increased from 10 to 20.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.6.204744.0](#).



2406.2.0.0

Release Note • 1/15/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System, the *WebserviceDispatch139FDW* codeunit has been changed from internal to global. This change allows you to manually add the web service required to switch from the Aptean Beverage [Advanced Online Warehouse Management](#) extension, Drink-IT Edition, to the Aptean Warehouse Management System extension.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.6.204744.0](#).



2406.1.0.0

Release Note • 1/9/2025 • 1 min read

Enhancements/Modifications

The translation files for the Dutch (nl-NL) language have been updated with standard texts for better readability.

Resolved issues

The following issue has been resolved in this release.

ID	Description
254431	The system incorrectly prompts to enter the license plate number before the lot number when scanning a warehouse receipt, which is an incorrect process order.

 **Note**

The minimum version required for the Aptean WMS app to operate with this release is [1.6.204744.0](#).



2406.0.0.0

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

Features

With the features added in this release of the Aptean Warehouse Management System extension, you can configure the Warehouse Put-Away Templates for bins per Licence Plate Type. For more information, see [Setting up warehouse put-away templates](#).

UI/UX changes

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

- The **License Plate Type Floor Spaces** action has been added to the **Bins** page associated with a location and **Bin Contents** page.
- The **Update Contents** action has been added to the **License plate List** and **License Plate** card pages.
- The **Update Put-Away Capacity** action has been added to the **Bin Contents** page.
- The **Put-Away Template** group has been added to the **Warehouse Management System** FastTab of the **Item Card** page.
- The **Put-Away** group has been added to the **Journal Setup** FastTab on the **WMS Configuration** page.
- The **Default Layer UoM** field has been added to the **General** FastTab of the **Adv. Warehouse Setup** page.
- The **Maximum Height** and **Put-Away Sequence** fields have been added to the **Bins** page.
- The **License Plate Type**, **Put-Away Available Capacity**, and **Put-Away Available Weight** fields, and **Put-Away Capacity Calculated** checkbox have been added to the **Bin Contents** page.
- The **Calculate Put-Away Template data** and **Overstore Put-Away Bin Capacity** checkboxes have been added to the **Bin Groups** page.
- The **Picking Group** field has been renamed as **Bin Group** on the **Bins** and **Bin Contents** pages.

Note

The minimum version required for the Aptean WMS app to operate with this release is [1.5.193632.0](#).



2405.2.0.0

Release Note • 11/27/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
247641	An error occurs upon executing the Print label(s) action on the Warehouse Receipt page when the Quantity field contains a decimal value.



2405.1.0.0

Release Note • 11/22/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
248979	The system fails to print labels when the label type is different from the warehouse when the Aptean Warehouse Management System is integrated with the Aptean Labeling extension.



2405.0.0.0

Release Note • 10/23/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
228161	The system fails to display an error message on the Take screen in the Direct Put-Away module when a license plate number is scanned again with a quantity greater than the allowed quantity specified in the LPN Quantity Inbound Restriction field on the Item Card page.
220821	The system fails to post the warehouse receipt when completing the scanning activity in the WMS app for a non-license plate-tracked item from a license plate-tracked vendor page.
230519	The system fails to update the Plan Code , Plan Name , and Subscription Key fields on the Subscription Overview page when the Aptean Warehouse Management System extension is installed. This issue persists even after executing the Refresh Subscriptions action.



2404.0.0.0

Release Note • 10/16/2024 • 2 min read

Features

With this release of the Aptean Warehouse Management extension, you can:

- Ensure that accurate packaging records are maintained for all inbound activities while offering flexibility to modify packaging details or enter new packaging type as needed. For outbound transactions, packaging types are added automatically, and you can modify or enter new packaging type as required. To know more, see [Integration with Aptean Packaging](#).
- Use the calculated expiration date of the item and item attribute based on the configuration of the **Expiration Setup** page. Additionally, the system automatically suggests the lot number by considering the expiration date of the item during the pick activity. To know more, see [Integration with Aptean Expiration Management](#).
- Exclude the lots marked with a blocked inspection status in relevant documents, such as sales, transfer, or production orders. These lots are automatically skipped during picking operations.

Integrations

The Aptean Warehouse Management System extension has been integrated with the following extensions:

- Aptean [Packaging](#)
- Aptean [Expiration Management](#)

For more information, see [Integrations](#).

UI/UX changes

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

- The *Validate Expiration Date* validator for the **Warehouse Receipt** module type has been added to the **Module Validation** page.
- The *Expiration Date* validator for the **Direct Put-Away** module type has been added to the **Module Validation** page.

Note

When performing receive and direct put-away activities with the Aptean [Lot Management](#) extension installed, make sure to add the *Vendor Lot No.* and *Production Date* validators on the previous lines.



- The *Packaging Type* option has been added to the **Option Selector** field on the **Request Form (WMS)** page.
- The *PackagingQuantity* post-back field name has been added to the **Additional Fields** page.



2403.0.0.0

Release Note • 9/24/2024 • 2 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, in the OWM 6 App, the **Bin Replenishment** module includes work instructions that emphasize the need for you to scan a licence plate number to take a license plate. Additionally, you can create a warehouse pick document from a released production order, without any errors.

Resolved issues

The following issues have been resolved in this release.

ID	Description
230528	An error occurs upon executing the Configure Warehouse Management System action on the Company Settings (WMS) page.
230540	The system does not navigate to the Microsoft Entra Applications page when selecting the link in the Configure Warehouse Management System diaog after executing the Configure Warehouse Management System action on the Company Settings (WMS) page.
195325	The system displays an incorrect error message when the Source No. is selected in the Additional Search field on the Ad Hoc Movement Module page.
232193	The system fails to display an error on the SSCC required screen when an incorrect SSCC number is entered in the SSCC field.
205205	The system displays an incorrect quantity in the Adv. Prod. Consumption module of the OWM 6 App when a quantity is overconsumed by scanning the bin and entering a quantity higher than the demanded amount. This issue occurs when <i>Show overconsumed with qty. 0</i> is selected in the Adv. Cons. Display Format field on the Journal Setup FastTab of the OWM_Configuration page.



2402.1.0.0

Release Note • 9/16/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, modifications have been made to accommodate the following changes:

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

! Note

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



2402.0.0.0

Release Note • 9/4/2024 • 2 min read

Features

With this release of the Aptean Warehouse Management extension, you can:

- Set up and manage advanced item attributes during warehouse receipt and direct put-away using the WMS app in the scanner. To know more, see [Integration with Aptean Advanced Attributes](#).
- Apply the defined attributes automatically to subsequent pallets of the same lot during the direct put-away of multiple receipts.
- Automatically generate lot numbers based on predefined profiles or series during warehouse operations. To know more, see [Integration with Aptean Lot Management](#).
- Process deliveries that exceed or fall short of the ordered quantities, ensuring flexibility and accuracy in receiving and picking operations. To know more, see [Integration with Aptean Over Under Delivery](#).
- Allow over and under-picking for component consumption, enabling flexibility in quantities that differ from production orders. To know more, see [Integration with Aptean Production Over Pick](#).

Integrations

The Aptean Warehouse Management System extension is integrated with the following extensions:

- Aptean [Advanced Attributes](#)
- Aptean [Lot Management](#)
- Aptean [Over Under Delivery](#)
- Aptean [Production Over Pick](#)

For more information, see [Integrations](#).

UI/UX changes

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

- The **Lot Attributes** FactBox is added to the **License Plate** and **License Plate Contents** pages.
- The lot attribute fields are added to the **Content** FastTab of the **License Plate** page and **License Plate Contents** page.
- The **Enforce Lot Attributes** checkbox is added to the **Warehouse Templates** page.



- The following validators are added to the **Validator** field on the **Module Validation** page associated with a module.
 - *Global Lot Attributes*
 - *Non-Global Lot Attributes*
 - *Update Lot Attributes*
 - *Vendor Lot No.*
 - *Production Date*
 - *Update Lot Information with Lot Origin Details*
 - *Verify Over Delivery*
 - *Verify Under Delivery*
 - *Over Pick*
 - *Under Pick*
- The *Auto Generate Lot No. From Lot Management* description is added to the **Resolver** field on the **Module Validation** page.
- The following postback fields are added to the **Additional Fields** page:
 - *LotAttributeID*
 - *LotAttributeValueID*
 - *LotAttributeValue*
 - *LotAttributeCount*
 - *OUPUnderPick*



2401.0.0.0

Release Note • 7/18/2024 • 1 min read

Features

With this release of the Aptean Warehouse Management System extension, you can:

- Set up a warehouse in which warehouse employees can register all the warehouse movements by using the scanner.
- Use the features and warehouse processes associated with license plates as a warehouse employee,
- Receive guidance to the oldest lots with regards to the item shelf life per customer.
- Use [check and controls](#) to guide your warehouse employees to the correct bins or trucks.
- [Print labels](#) from the scanning device to accommodate all the features on the warehouse floor.
- Use the **Ad Hoc Bin Replenishment** module to arrange the daily warehouse movements.

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, enhancements were made to warehouse workflows by integrating the following functionalities from Business Central into scanning:

- Picking sequence
- Bin exclusivity type
- Item number
- Auto FEFO pick
- Exclude from pick
- Picking groups
- Status



1.16.332059.0

Release Note • 7/22/2026 • 1 min read

!

Note

- When upgrading to version 1.16.332059.0, if the **Use Enhanced Sounds** toggle is already enabled, the **Play Error Sound** and **Play Completion Sound** fields are automatically set to *On*, preserving existing error sound behavior and enabling the new completion sound by default.
- The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2602.0.0.0](#).

Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the WMS Android app supports playing a distinct sound when a pick is fully completed. The new **Play Completion Sound** field on the **Main Scanner Setup** page enables or disables the completion sound independently. Error sounds are now controlled by a separate **Play Error Sound** field, providing granular control over each sound type under the existing **Use Enhanced Sounds** toggle.

UI/UX changes

The following fields have been added to the **Main Scanner Setup** page, nested under the **Use Enhanced Sounds** toggle:

- Play Error Sound** field
- Play Completion Sound** field

Resolved issues

The following issue has been resolved in this release.

ID	Description
361498	The system fails to display the Bin Code popup after a partial quantity move via long-press on the Place screen in the Ad Hoc Movement module, showing the SSCC Required popup instead.



 Note

After updating, run the **Create Default Postback Fields** action in the **Ad Hoc Movement** module to add field 58 (**Bin Confirmed**) as **Confirmed Field No. 10** in the Postback Fields. Without this setup step, the fix does not take effect.



1.16.321092.0

Release Note • 6/24/2026 • 1 min read

Enhancements/Modifications

With this release of the Aptean WMS app, the system supports scanning barcodes that contain both GS1 Application Identifier 15 (best before date) and GS1 Application Identifier 17 (expiration date) simultaneously on the **Warehouse Receipt** module. AI 17 takes precedence by default, and the active identifier is configurable via the **GS1 Application Identifier** field in Postback Fields.

Note

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2601.5.0.0](#).



1.16.319124.0

Release Note • 5/27/2026 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
371259	The WMS Android application includes Firebase libraries that are no longer needed for its core functionality. These unnecessary dependencies contribute to increased application size and introduce potential privacy and compliance risks through unintended third-party data collection. To address this, Firebase has been removed from the WMS Android application, resulting in a cleaner, more secure build with a reduced external dependency footprint.

 **Note**

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2601.4.0.0](#).



1.16.298740.0

Release Note • 2/25/2026 • 1 min read

Enhancements/Modifications

With this release of the Aptean Warehouse Management extension, the Aptean WMS Android application has been enhanced to provide distinct sound notifications for error messages.

With this enhancement, the application plays unique audio alerts in real time when corresponding error messages are displayed. This enables warehouse users to immediately recognize the type of notification without looking at the device screen, improving efficiency and operational safety in fast-paced environments.

Resolved issues

The following issues have been resolved in this release.

ID	Description
336363,353369	An error occurs in Ad Hoc Movement (Place Mode) where long pressing a line results in a different line being selected instead of the intended one in all modules.

 **Note**

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2601.1.0.0](#).



1.15.292445.0

Release Note • 1/28/2026 • 3 min read

Features

With the features added in this release of the Aptean WMS app, the system,

- Allows the scanning of license plate number from different location but only shows the license plate number that are within that location in the **License Plate Info** module.
- Allows you to scan warehouse picks for mixed inventory on a license plate when a license plate contains multiple items or multiple lots of the same item. This feature is available only when the **Allow Scanning Mixed License Plate** field relevant to a warehouse template is selected on the **Warehouse Templates** page.
- Allows you to pick partial quantities from mixed inventory on a license plate when a license plate contains multiple items or multiple lots of the same item. This feature is available only when the **Allow Scanning Mixed License Plate** field relevant to a warehouse template is selected on the **Warehouse Templates** page.

For more information, see [Pick partial quantities from mixed inventory](#).

- Splits the lines in the receipt on the Aptean WMS app based on the **Item Tracking Lines** page specified in the Business central for warehouse receipt.
- Predefined lot numbers in the item tracking of the warehouse receipt are mandatory.
- Preserves existing lot reservations when receiving a different lot, reducing only the flexible quantity during partial receipt.
- Validates received quantities at the individual lot level and prevents over-receiving beyond the reserved lot quantity.

Note

The over under delivery integration is not supported when working with reserved lot numbers.

- Enforces line-level lot mapping to ensure received lots are posted only to their originating purchase order lines.

For more information, see [Splitting warehouse receipt lines in scanner](#).

UI/UX changes

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



- The subheader related to the request form has been added to the **Request Form** screen of the WMS scanner.
- The **Enter Lot No.** and **Select Lot No.** dialogs have been added to the **Warehouse Receipt** screen.

Resolved issues

The following issues have been resolved in this release.

ID	Description
243339,346595	The system prevents moving a license plate containing multiple lot numbers during an ad hoc movement process on the Ad Hoc Movement screen of the Apteian WMS app.
313586	An error occurs when creating a new license plate (SSCC) during the ad hoc movement process and trying to move items onto the unlabeled pallet on the Ad Hoc Movement screen of the Apteian WMS app.
346595	The system prevents moving a license plate containing multiple lot numbers during an ad hoc movement process on the Ad Hoc Movement screen of the Apteian WMS app.
352087	An error occurs when receiving items in the take line of a warehouse receipt associated with the relevant Direct Put-Away screen on the WMS scanner.

Note

The minimum version required for the Apteian Warehouse Management System extension to operate with this release is [2601.0.0.0](#).



1.15.291597.0

Release Note • 1/28/2026 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
344201	The system overrides the DataWedge WMS profile every time when the WMS app is started. This avoids customers using necessary customizations in the DataWedge WMS profile.



1.14.272810.0

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

Enhancements/Modifications

- With this release of the Aptean WMS app, the framework has been upgraded from version .net8.0 to .net9.0, ensuring compatibility with Android 15 (API level 35) and improved application performance, reliability, and maintainability. This ensures long-term support, better performance, and compliance with new submission policies of Google Play.

Note

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2509.0.0.0](#).



1.13.266052.0

Release Note • 9/24/2025 • 4 min read

Features

- With the feature added in this release of the Aptean WMS app, the system updates the **Destination Plate** field value when you execute the **Destination Plate** action for the selected line on the related inventory movement **Pick** screen.

UI/UX changes

- The **Destination Plate** action has been added to the ellipses of the **Pick** screen associated with the inventory movement.

 **Note**

To navigate to the **Destination Plate** action, select the **Ellipsis** icon in the pick line.

Resolved issues

The following issues have been resolved in this release.

ID	Description
306412	An error occurs when attempting to register an overpick if the warehouse pick for a single sales order line is split across multiple pick lines. Additionally, the system incorrectly restricts overdelivery.
308192	An error occurs when registering a full pick with a license plate number associated with more than one pick line. This issue arises when a sales order is having a single line, but the pick is split into multiple lines across different bins.
309538	An error occurs when attempting to overpick a production order component that is split into multiple pick lines. Additionally, the system does not allow overpicking from a single license plate number, even though the combined quantity aligns with the total required by the source line.
301358	The system incorrectly allows selection of a destination license plate number that is was in stock even though it does not match the one assigned to the item during pick registration on the Aptean WMS app.



309519	An error occurs on the Aptean WMS scanner when registering a warehouse pick for a production order component if the same license plate number is used across multiple bins. This issue arises when the pick line is split for a single production order component line.
309181	The system sets the Qty field value to 0 on the related Pick screen when a non-suggested bin is scanned during the pick process on the Aptean WMS scanner.
304492	The system incorrectly removes the suggested bin from the pick line after a partial quantity is registered during a mixed pick process on the Aptean WMS scanner. This issue arises while registering a partial quantity in a directed location.
310281	The system incorrectly allows a destination license plate number that is canceled on the License plate List page to be scanned and used during pick registration in the Aptean WMS app. This issue arises only while using Aptean WMS app and not in Business Central.
305097	An error occurs when moving the item line from the <i>Place</i> line to the <i>Take</i> line on the Ad Hoc Movement screen on the Aptean WMS scanner.
307831	The system fails to turn off the Underpick toggle for a related pick on the Aptean WMS scanner. This issue arises when canceling a pick after this toggle is turned on.
312297	An error occurs while scanning a license plate during pick process on the Aptean WMS app when the item tracking is assigned for the selected sales order.
312959	An error occurs when scanning a destination license plate number for a non-license plate number tracked item in a full pick. This issue arises only for customers with a license plate tracking code configured.
314543	An error occurs on the Aptean WMS scanner while registering the production output when the Unit of Measure Code field value on the Released Production Order page differs from the Base Unit of Measure field value defined on the Item Card page.
316844	An error occurs when scanning a license plate number with a different lot number using the Aptean WMS scanner even though there are no reservations in the source document line.

! Note

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2508.0.0.0](#).



1.11.245550.0

Release Note • 7/2/2025 • 5 min read

Features

With the features added in this release of the Aptean WMS app,

- The system allows you to hide or display the **Complete** button on scanner modules that use direct registering or direct posting by turning on or turning off the **Hide Complete Button** toggle on the **Company Settings (WMS)** page.
 - If the **Hide Complete Button** toggle is turned on, the **Complete** button related to direct posting is hidden for all modules that have a value in the **Posting Handler** field.
 - If the **Hide Complete Button** toggle is turned off, the **Complete** button is displayed.
 - The **Complete** button remains enabled for modules that do not use a posting handler, regardless of the toggle state.
 - For the **Direct Put-Away** module, the **Complete** button is always displayed.
- The **Confirm Underdeliver** toggle allows you to control whether a confirmation message is displayed when performing underreceiving or underpick during warehouse receiving or picking operations on the scanner. This functionality works only for the **Warehouse Receipt** and **Warehouse Pick** modules.
 - When the **Confirm Underdeliver** toggle is turned on, the system displays a confirmation message if you turn on the **Underdelivery** toggle on the scanner.
 - Upon confirmation, the system allows to underdeliver for the corresponding warehouse activity lines and completes the pick, if all lines have zero outstanding quantity.
 - If declined, the **Underdelivery** toggle on the scanner is turned off.
 - When the **Confirm UnderPick** toggle is turned off, the system automatically processes underdelivery without displaying a confirmation message, provided all outstanding quantities are set to zero.

This feature improves flexibility and user control during partial picking scenarios.

- You can configure the **Underpick** toggle on the **Pick** module of the Aptean WMS scanner to specify whether the activity involves the over or underpick. For more information, see [Integration with Aptean Production Over Pick](#).
- You can configure the **Underdelivery** toggle on the **Receipt** module of the Aptean WMS scanner to specify whether the activity involves over or underdelivery. For more information, see [Integration with Aptean Over Under Delivery](#).



Enhancements/Modifications

With this release of the Aptean Warehouse Management System extension, the following improvements have been made to the user interface on the **Ad Hoc Movement** screen of the WMS scanner to enhance clarity and usability.

- The system displays the **Input** or **Print** button on the **Ad Hoc Movement** screen based on the value (*Input* or *Print*) selected in the **ID** field on the **Request Forms** FastTab of the **Module Settings** page.
- The system always displays the **Item information** button on the **Ad Hoc Movement** screen but is unable to select when item inventory information is not available.

UI/UX changes

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

- The **Underpick** toggle has been added to the item line of the **Pick** module.
- The **Underdelivery** toggle has been added to the item line of the **Receipt** module.

Resolved issues

The following issues have been resolved in this release:

ID	Description
290595	The system incorrectly registers the full pick quantity instead of the scanned quantity in the Qty field when posting a warehouse pick for a non-license plate tracked item using the WMS Android scanner. This issue occurs after scanning a bin and entering a partial quantity in the Qty field on the related Pick screen.
273096	The system incorrectly enables the Item Information button, displaying the Qty. on Stock field value as zero on the Item information screen.
302148	The system fails to display complete bin codes on the WMS scanner.
276103	The system fails to support partial picking when processing picks via the scanner. This issue occurs after scanning a bin and entering a partial quantity in the Qty field on the related Pick screen.
302142	The system incorrectly allows to scan the license plate on the Ad Hoc Movement screen associated with a different location other than the current scanner location.
263184	The system fails to retain the bin code for pick lines with non-SSCC-tracked items after performing a pick using the scanner in a directed location. As a result, the bin is removed from both the pick line and



	the scanner, and the Qty. to Handle field value is incorrectly set to zero on the Warehouse Pick page.
304196	The system fails to process a pick line split across multiple bins after assigning a destination license plate in the scanner. Additionally, an error occurs while scanning the full quantity from a single existing license plate number.
276470	The system incorrectly displays the Qty. on Stock field value as zero on the Item information screen. This issue occurs when the Item information button is selected for a license plate on the Ad Hoc Movement screen even when the scanned license plate has stock in the warehouse.
285419	The system incorrectly displays expiration date required message on the Ad Hoc Movement screen when scanning a bin with non-tracked items in a directed put-away and pick locations.

 Note

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2505.0.0.0](#).



1.10.228173.0

Release Note • 4/23/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean WMS app,

- You can log in by scanning a personal QR code containing the company, user, location, and password information. This enhancement streamlines the login process by eliminating the need to manually enter a username or password, especially useful when multiple users share the same device.

! Note

Barcodes using code 128 are difficult to scan, particularly when the encoded text is long. For better performance and readability, it is recommended to use QR codes.

- The app sends a logout message to Business Central when a user logs out. This enhancement prepares the system to support one-device-per-user functionality in a future release.

! Note

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2503.5.0.0](#).



1.9.225089.0

Release Note • 4/9/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean WMS app, you can:

- View, edit, and delete server connections, even when the **Specify Name** field value exceeds the maximum length on the **Server Connection** screen.
- Access the eye icon to view server connection details.
- Edit and save other fields after adding the license key.
- View long text wrapped and adjusted to fit the scanner screen for better readability.

These enhancements ensure that all server connections remain manageable, regardless of name length.

Resolved issues

The following issue has been resolved in this release.

ID	Description
273556	The system fails to process barcode formats that separate quantity from other identifying information during warehouse receipt scanning in the Aptean WMS app. Specifically, when the quantity is included in a separate barcode, the system does not capture it correctly, preventing further processing unless the quantity is manually entered before scanning.

 **Note**

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2503.5.0.0](#).



1.8.218271.0

Release Note • 3/10/2025 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
272563	The app slows down when the back button is tapped multiple times quickly.
264061	The app displays an incorrect confirmation message after scanning the license plate number on the Stock Count screen instead of prompting to scan the bin and item information first.

 **Note**

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2503.2.0.0](#).



1.7.212745.0

Release Note • 2/14/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean WMS app,

- The document list refreshes automatically after completing a warehouse activity. When you close the item list and return to the document list, the system updates to display only active documents, ensuring you always access the most up-to-date information.
- The system enforces AI-specific validation in dialogs, preventing you from scanning an incorrect Application Identifier (AI) into a field that requires a different AI. This ensures accurate data entry and reduces errors in warehouse management processes.

Resolved issues

The following issue has been resolved in this release.

ID	Description
255827	The system fails to display an error message on the Warehouse Receipt screen in the Aptean WMS app when the SSCC number is not scanned and instead it navigates to the Lot No. field.

 **Note**

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2502.0.0.0](#).



1.6.204744.0

Release Note • 1/3/2025 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
233243	The system fails to display the complete confirmation message in the Aptean WMS android app after the quantity of the item is entered during the warehouse pick. This issue occurs when the Validator field for the related warehouse pick is set to <i>Expiration Date Restriction</i> on the Module Validation page.
233764	The system does not fully display the bin location on the Pick screen in the Aptean WMS android app due to incomplete compatibility with all screen resolutions.
232323	An error occurs on the Warehouse Pick screen when a partial pick is executed for items on the license plate with a quantity less than the actual quantity. This issue occurs when the license plate number is manually entered instead of being scanned.
240566	The system encounters multiple errors when attempting to open a pick in the Aptean WMS android app that has already been deleted from the Warehouse Picks page in Business Central.

 Note

The minimum version required for the Aptean Warehouse Management System extension to operate with this release is [2406.0.0.0](#).



1.5.193632.0

Release Note • 11/7/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
234532	The Aptean WMS app becomes unresponsive when scanning the bin code from the main menu for a bin with existing inventory.



1.4.189293.0

Release Note • 10/28/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
233236	The system becomes unresponsive when the confirmation message is selected to choose a new connection or close the app. This issue occurs when the app is started without establishing a connection to the last used connection.
216448	An error occurs on the item lines when the information button is selected on the Whse.Bulk Put-away module of the WMS app.



1.3.179378.0

Release Note • 10/28/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
227855	An error occurs in the WMS app when posting a quantity less than expected in the warehouse pick, after assigning the destination license plate.
229675	The system does not display available license plates when searching on the License Plate Info screen of the OWM Android app.



2501.0.0.0

Release Note • 2/17/2025 • 1 min read

Features

With this release of the Aptean Warehouse Management System Tax Bridge extension, the system supports compliance with excise and beverage tax regulations while maintaining the efficiency of warehouse workflows.

For more information, see:

- [To assign taxes to a location](#)
- [To assign taxes to a bin](#)
- [Use Mixed excise locations to steer bin selection and tax calculations in Advanced Warehouse Management](#)



Introduction

Article • 10/22/2025 • 2 min read

The Aptean Warehouse Management System (WMS) extension represents an advanced level of online warehouse management system intricately linked with the features of the Aptean [Advanced Warehouse Management](#) extension and Aptean [Labeling](#) extension. It is designed to facilitate day-to-day warehouse operations, covering tasks from receiving and production to shipments. The extension incorporates license plate management, multiple shipping bins, picking templates, employee guidance to the correct bin and best before date, and more. All of these functionalities are accessible through an android app tailored for handheld scanning devices.

Supported Business Processes

Business Central Process	Business Central Module	WMS App Module
Warehouse Receipt	Warehouse Receipt	Receipt
Warehouse Receipt	Direct Put-Away	Direct Put-Away (Only for license-plate tracked items)
Warehouse Put-Away	Warehouse Put-Away	Put-Away
Warehouse Put-Away	Whse. Bulk Put-Away	Whse. Bulk Put-Away (Only for license-plate tracked items)
Production Output	Prod. Output	Prod. Output
Production Consumption	Adv. Prod. Consumption	Prod. Consump.
License Plate List	License Plate Info	License Plate Info
Item Bin Content	Product Info	Main Menu
Bin Content	Bin Content	Main Menu
Item Reclassification Journal	Ad Hoc Movement	Ad Hoc Movement
Warehouse Movement	Whse. Bulk Movement	Whse. Bulk Movement
Physical Inventory Journal	Phys. Invt	Stock Count
Warehouse Pick	Warehouse Pick	Pick
Warehouse Shipment	Shipment Load List	Shipment Load List
Empty goods returns to vendors	Returnable Items	Returnable Items



Warehouse Management System Tax Bridge

The Aptean Warehouse Management System Tax Bridge extension bridges the Aptean Warehouse Management System extension, Aptean WMS app, and the Aptean Beverage [Tax Management](#) extension. This integration ensures seamless tax compliance within warehouse operations by linking tax management processes with real-time inventory tracking and movement. It enables accurate tax calculation and reporting based on warehouse activities, such as receiving, production, and shipments. To know more, see [Warehouse Management System Tax Bridge releases](#).

All the fields mentioned in the document are not available by default in Business Central. These fields can be viewed after personalization.

See also:

- [To assign taxes to a location](#)
- [To assign taxes to a bin](#)
- [Use Mixed excise locations to steer bin selection and tax calculations in Advanced Warehouse Management](#)

Business Functionality

- [Create your own demo Company](#)
- [Setting Up Aptean Warehouse Management System](#)
- [Business Process Walkthroughs](#)
- [App Design Details](#)

Important

You must turn off the **Pick According to FEFO** toggle on the **Location Card** page to set up the **Warehouse Pick** module.



Create your own demo company

Article • 12/20/2024 • 4 min read

Aptean Warehouse Management System 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.
- Execute the [Walkthroughs-WMS suite](#) in our online documentation.

Install Aptean Warehouse Management System

1. Select the Search icon , enter **Extension Marketplace**, and then choose the related link.
2. In the Search box, enter **Aptean Warehouse Management System**.
3. Choose the **Get it now** action for the App and install the app.

Create the CRONUS DIT Demo or Demo WMS on CRONUS Company

Click here to watch the video

1. Select the Search icon , enter **Companies**, and then choose the related link.
2. Choose the **Create New Company** action.
3. On the **Create New Company** page, click **Next** and then enter a name for the company.
4. In the **Select the data and setup** to get started field, choose Aptean demo data.
5. Open detail for **Upload a data file to import** and then select the .zip file for your country.
6. Choose **Next** to **Manage Users** (not mandatory) and then choose **Next** again.
7. Choose **Finish** to create your Aptean demo company. This will take about 1 hour, or more.

Note

Names and codes in your Aptean demo company can differ from the ones used in the walkthroughs. Since the Aptean 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.



Setting up Warehouse Management System

Article • 7/2/2025 • 2 min read

The Aptean Warehouse Management System is an extension of Aptean Advanced Warehouse Management and Business Central, which means that it also uses the existing settings and structure within Advanced Warehouse Management and Business Central. To not complicate setup and functionalities, the setup, features and functionalities for Warehouse Management System Setup are covered.

When using License Plate Nos there is a preferred warehouse flow. A warehouse location flow settings:

- Bin Mandatory
- Require Receive
- Require Shipment
- Require Put-Away
- Require Pick

A Production (without distribution) location flow settings:

- Bin Mandatory
- Require Receive
- Require Put-Away

 Note

The system does not fully support all processes in a directed location.

To	See
Set up permission sets	Manage permission sets
How do I connect the scanner to Business Central?	Setting up the connection to the handheld devices
How do I define standard settings for WMS?	Setting up the default WMS Settings
How can I add a second Unit of Measure on my handheld device?	Setting up Items for Aptean Warehouse Management System
Define WMS per Location	Setting up WMS per Location
Define the modules to use on the handheld terminals	Setting up modules on scanner per Location



Add request forms to the modules	Setting up Request Forms
Who can use the handheld devices?	Setting up Users for WMS
Which devices can be used per company?	Setting up devices for WMS
How do the screens look on the device?	Android WMS App on the handheld device
Define scan sequence and Auto FEFO on bins	Setting up Bins for Warehouse Management System
Define documents in the Shipment Load List	Setting up Logistics Statuses
How to enable Quick Picks in the picking zone?	Setting up Bin Groups
How can I guide the pickers through the warehouse?	Setting up warehouse Templates
Define defaults for label printing	Setting up Label Printing

 Important

It is recommended to close all active sessions and start new sessions after making setup changes.



Manage permission sets

Article • 10/23/2024 • 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 *WMS139FDW*.

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 *WMSBasic139FDW*.

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 Warehouse Management System extension, ensuring secure and role-based access.



Setting up connection to handheld devices

Article • 7/18/2024 • 2 min read

Aptean Warehouse Management System requires a few settings to be setup before you can begin using it in your warehouse.

When you want to use handheld devices within your warehouse, they need to communicate with Business Central. To achieve this we start with the basic setup.

Note

When using Warehouse Management System, the communication flow between the Android WMS App and Business Central must be set up. Setting this up can only be performed by Aptean employees. Therefore, please be guided by one of the employees at Aptean.

1. Select the Search icon , enter **Basic Setup (WMS)** and then choose the related link.
2. Fill in all fields as necessary. Hover over the field to read a short description.

Connection for Business Central on SaaS

1. In the **License Key** field, enter your *License key*.
2. In the **Address for scanner to connect to** field, enter the link provided by your Aptean connection.
3. In the **Port on Server** field, enter the port number provided by your Aptean connection.

Note

These values are shared across all companies in your Business Central environment. If you change the setup in one company, the changes apply to all companies.



Setting up default WMS settings

Article • 7/22/2026 • 2 min read

In this part of the setup, you can setup the general default settings to be used on the handheld devices throughout your company. To accommodate you in setting up all Basic WMS Settings a setup tool is provided.

1. Select the Search icon , enter **Company Settings (WMS)** and then choose the related link.
2. Choose the **Configure Warehouse Management System** action, to start the Configuration Tool who will guide you through the WMS Settings.
3. Fill in all fields as necessary. Hover over a field to read a short description.
4. When using **License Plating**, in the **Module** field, select the *Warehouse Management System* option.

Note

- In the WMS Configuration Tool: The customer needs to grant consent to use Oauth to connect to the Aptean control center.
- An admin account needs to set the status of the Jobqueue to Ready.
- Use a unique Company ID, this Company ID will also be used in the Aptean Control Center, in combination with the WMS Codeunit Web Service result.

Best Practice when starting using WMS about the Enable Debug is to enable this.

Note

- The available languages are:
- Dutch
- English
- French
- German

Note

Turn on the **Sort documents first on assigned user** toggle on the **Functionality** FastTab to show pick documents assigned to the current user first in the **Pick** module's document list on the scanner, sorted by document number, followed by unassigned pick documents. This setting does not affect other modules on the scanner.



See also

[Walkthrough: Stock counts, including Tracking Enhancements](#)

[Walkthrough: Setup and processing picks](#)



Setting up Request Forms

Article • 1/28/2026 • 2 min read

For each location you can setup the Scanning Modules.

1. Select the Search icon , enter **Request Forms (WMS)** and then choose the related link.
2. Choose the **New** action.
3. Fill in the fields as necessary. Hover over a field to read a short description.
4. In the **Fields** FastTab, the request form input fields are determined.
5. On the action bar, select **Header Fields** action to open the **Request Form Header Fields** page and you can view or edit the header fields identifiers available for the current request form.

See also

[Walkthrough: License Plate Info, reprint a License Plate No.](#)



Setting up WMS per location

Article • 2/2/2026 • 4 min read

The locations setup allows you to personalize the specifications for each warehouse location you have. This means you will be able to tailor your use of Warehouse Management System to fit specifically to your types of warehouses.

Supported warehouse configurations in the Aptean Warehouse Management System extension:

Guided	Directed
Bin Mandatory	Bin Mandatory
Require Shipment	Require Shipment
Require Pick	Require Pick
Require Receive	Require Receive
Require Put-Away	Require Put-Away
NOT Directed Put-away and Pick	Directed Put-away and Pick

 Note

Not all directed processes are covered in the Aptean Warehouse Management System extension.

1. Select the Search icon  , enter **Locations**, and then choose the related link.
2. Select the **Location** you wish to setup for Warehouse Management System.
3. On the action bar, select **Configure WMS**.
The **WMS Configuration** page opens.
4. Fill in the fields as necessary. Hover over the field to read a short description.
5. On the **Module Handlers** FastTab, in the **Processing Module** field, select the *Warehouse Management System* option.
6. When using Warehouse Management System, the **Put-Away**, **Pick**, and **Production Output** actions are always directly registered and posted from the scanner. Hence, on the **WMS Configuration** page there is no need to turn on the **Put**, **Pick**, and **Production Output** toggles. The shipment is never posted, hence there is no need to turn on the **Shipment** toggle. The following toggles can be turned on to post when completing the document on the scanner:
 - Receipt
 - Direct Put-Away



- Consumption Journal

Not necessary when *Posting Handler* option is selected in the **Post Production Consumption** field on the **Advanced Production Consumption** page.

- Returnable Items, for more information, see [Walkthrough-Shipping-returnable-empty-goods-to-the-vendor](#)

7. On the **Journal Setup** FastTab, select the appropriate journals for the **Production Output**, **Production Consumption** and **Bin Movement (non directed)** groups. Based on the modules you choose, enter the corresponding details in the **Adv. Consumption**, **Bin Replenishment** and **Loadlist** groups.

When using the **Adv. Consumption** group, it is mandatory to fill in the **Warehouse Template Group** and **Warehouse Template Code** fields.

Note

Best practice is to use separate WMS Batches for all your WMS processes, so that they are not disturbed by incomplete entries in the batches used for manual adjustments.

What does **Direct registering and posting** means in Aptean Warehouse Management System?

OWM starts to process and register or post the scanned information, from the moment you complete the document on the scanner. **Direct registering and posting** in Aptean Warehouse Management System, immediately registers or posts every scan you do. It gives you the advantage, every item and license plate is always in the correct bin after a put-away, pick, production output, and movement. It ensures the following conditions:

- Your inventory is always up to date.
- Any mistakes when picking will immediately trigger a warning or an error on the scanner.
- No intermediate table to check when inventory is not up to date.

See also

[Walkthrough: Shipping returnable empty goods to the vendor](#)



Setting up modules on scanner per location

Article • 7/18/2024 • 4 min read

For each location you can setup the Multiple Modules on Scanner.

You can setup your containers in the License Plate Types page:

1. Select the Search icon , enter **Locations** and then choose the related link.
2. Select the **Location** you wish to set up for Warehouse Management System.
3. Choose the **Configure WMS** action.
4. Choose the **Modules on Scanner** action.
5. Choose the **New** action.
6. Choose the **Module**.

Standard values are added to the module, the post back fields and the validations, according to the selected module.

7. Some of the modules have extra fields and FastTabs, to see these fields, close and open the Module again.
8. Fill in the fields as necessary. Hover over a field to read a short description.
9. In the **Posting Handler** field on the **Request Forms** FastTab, select the option suited for the module and the request form, if available.
10. Select the **Validations** action to check the existing validations and alter them.

Note

- Some Modules work on the default WMS validations, and will not show any validations.
- When using the **Create Default Validations** action, the current Validations are deleted. So, best practice is creating a backup, by copying the current validations with a screen capture or copy the lines into another program, to have a backup of the current situation.
- By using the **Create Default Validations** action, the last version of all Validations will be entered in your validations. All standard validations will be enabled, all extra validations will be disabled.

11. Select the **Sub Module Templates** action.

The **Sub Module Templates** page opens. Fill in the fields as necessary. Hover over a field to read a short description. When using the *Ad Hoc Movement* Module, it is imperative to setup a Sub Module for each WMS User who is going to use the **Ad Hoc Movement** and/or the **Ad Hoc Bin Replenishment** function on the handheld device.

12. Add Sub Module template for each WMS User, suited for the module.
13. Select the **Postback fields** action.
The **Additional fields** page opens.



14. Add additional fields, suited for the chosen extra functionalities in the module.
15. Select the **Reason Codes** action.
The **Reason Codes** page opens.
16. Add reason codes, to select within processes in the module.
17. Select the **Header Fields** action.
The **Header Fields** page opens.
18. Add header field codes, to customize the header on the scanner.

Important

Not all modules can have customized headers.

19. Select the **Default User Filters** action.
The **Default User Filter** page opens. For more information, see [Filtering the document list in the Android app](#).
20. Add filters on a WMS User, to customize the document list on the scanner for this WMS User.

Important

Not all modules can be customized the document lists on the scanner.

To use the *Whse Bulk Put-Away* module, it is imperative you add a bin code for this location in the personal bins (for bin movement) for the user in the **Users(WMS)** page.

See also

[Walkthrough: Add Production Output to the scanner and post output](#)

[Walkthrough: How to move items around in the warehouse](#)



Set up advanced production consumption posting

Article • 3/21/2025 • 3 min read

You can configure advanced production consumption posting in the system by enabling consumption journal posting, setting up direct posting, and defining rules for consuming items that are or are not listed in production order components.

To allow posting for advanced production consumption on closing the item list by selecting **COMPLETE** button in the Aptean WMS app, follow these steps:

1. Open the **WMS Configuration** page.
2. On the **On completion, post** FastTab, turn on the **Consumption Journal** toggle.

To enable direct posting of production consumption, follow these steps:

3. Open the **Module Settings** page.
4. On the **Handlers** FastTab, in the **Posting Handler** field, select *Post Production Consumption*.

Configure consumption rules

You can configure consumption rules to control whether items outside the production order component list can be consumed. Depending on your requirements, you can allow unrestricted consumption, restrict it to listed components, or require confirmation before consuming unlisted items.

Consume items not in production order components

To allow consumption of any item, including those not in the production order component list, follow these steps:

1. Open the **Module Validation** page.
2. Select the required line for the *Item exists on document* validator associated with the **Adv. Prod. Consumption** module type.
3. Clear the **Active** checkbox for the *Item exists on document* validator.

Allow only items in the component list to be consumed

To restrict consumption to only items that exist in the production order component list, follow these steps:

1. Open the **Module Validation** page.
2. Select the required line for the *Item exists on document* validator for the **Adv. Prod. Consumption** module type.
3. Select the **Active** checkbox for the *Item exists on document* validator.



4. Open the **WMS Configuration** page.
5. On the **Journal Setup** FastTab, turn off the **Confirm Consumption not Included Item** toggle.

Allow items outside the component list to be consumed after confirmation

To allow consumption of items outside the component list, but only after confirmation, follow these steps:

1. Open the **Module Validation** page.
2. Select the required line for the *Item exists on document* validator for the **Adv. Prod. Consumption** module type.
3. Select the **Active** checkbox for the *Item exists on document* validator.
4. Open the **WMS Configuration** page.
5. On the **Journal Setup** FastTab, turn on the **Confirm Consumption not Included Item** toggle.

Configure display options on the scanner

The **Adv. Cons. Display Format** field on the **Journal Setup** FastTab of the **WMS Configuration** page controls how consumed items appear on the scanner. The selected option must be configured before starting the scanning process. The available options are:

- *Show overconsumed with qty. 0:*
 - Displays all items from the original component list.
 - Fully consumed or overconsumed items appear with a quantity of 0.
- *Don't show fully consumed items:*
 - Displays all items from the original component list.
 - Fully consumed or overconsumed items are hidden from the list.
- *Show overconsumed with a negative qty.:*
 - Displays all items from the original component list.
 - Fully consumed or overconsumed items appear with the correct negative quantity.
- *Show additional and overconsumed with a negative qty.:*
 - Displays all items from the original component list and additional consumed items that are not in the original list.
 - Fully consumed or overconsumed items appear with the correct negative quantity.

Ensure these configurations are completed before starting the production consumption process to maintain accurate inventory tracking and smooth operations.



Manage filtering the document list

Article • 9/24/2025 • 6 min read

When multiple warehouse employees are available, the manager may assign each employee to process the documents they typically handle. For example, some employees may pick items for specific shipping agents or customers. Each warehouse employee can filter the document list to show only the documents they want to process.

As a warehouse manager, you can assign a standard filter to employees at the start of their day. Depending on their tasks, employees can adjust the filter throughout the day, allowing them to switch between their standard list and the general list for processing.

The filter fields and processes apply to the following modules:

- Warehouse Receipt
- Warehouse Put-Away
- Warehouse Bulk Put-Away
- Direct Put-Away
- Warehouse Pick
- Shipment Load List

Note

For these modules, the last filter set by each WMS user is always saved.

Setup in Business Central

1. Choose the search icon , enter **Locations**, and then choose the related link.
The **Locations** list page opens.
2. Select the location for which you want to set the default validations.
The **Location Card** page opens.
3. On the action bar, select **Configure WMS**.
The **WMS Configuration** page opens.
4. On the action bar, select **Modules on Scanner**.
The **Modules on Scanner** list opens.
5. Select the required module.
The **Module Settings** card page opens.
6. On the action bar, select **Header Fields**.
The **Header Fields** list page opens.



7. Fill in the required field that you want to display in the header. Hover over a field to read a short description.

- When you leave the **Text Format** field blank, the system will use the standard format based on the field type.
- When you enter a format (Example: <Day,2>/<Month,2>) in the **Text Format** field, the system uses this format to display the value based on the field type. For more information about different formats, see [Formatting Values, Dates, and Time](#)

8. Close the **Header Fields** list page.

9. On the **Module Settings** page, in the **Document Header Format** field, enter a value using the identifiers from the header field list. (Example: %2 - %1(%3))

10. On the action bar, select **Default User Filters** action.

The **Default User Filter** list opens.

11. Fill in the required fields for each WMS user to set the default filter in the document list. Hover over a field to read a short description.

12. Close the **Default User Filter** list page.

13. On the **Module Settings** page, in the **Document Filter Format** field, enter a value using the identifiers from the header field list. (Example: %2 - %1(%3))

Note

- When the **Document Header Format** field is empty, the standard header is displayed on line 2 of the scanner.
- When the **Document Filter Format** field is empty, you cannot filter the document list.
- As a best practice, keep the **Document Header Format** field identical to the **Document Filter Format** field. If you need to add extra fields for filtering, add them at the end of the string.

Flows on scanner, depending on setup in default user filter list

To identify filtering in a document list, use the following lead signs:

- No lead sign: No filter is applied to the list.
- * : The list is filtered using your most recent filter.
- # : The list is filtered using your default filter.
- #* : The list is filtered using both your default filter and your most recent filter.



 Note

When you close a document list and reopen it, the list will be filtered using the last filter applied by the WMS user.

The following settings are available for three different flows for a WMS user, which are configured on the **Default User Filter** page.

- No line for a WMS user:
 - The user can see the full list.
 - When opening the document list for the first time, the document list is unfiltered.
 - Entering a string in the input field on the scanner:
 - Filters the document list.
 - Changes the lead sign to *.
 - Opens the document immediately on the scanner if only one document matches.
 - Entering a * in the input field and closing the filter will return the list to its unfiltered state.
- A line with **Search String** field value and **Default Locked** checkbox is cleared for a WMS user:
 - The user sees a list filtered by the search string or by their last filter.
 - When opening the document list for the first time, it is filtered by the search string, with the lead sign #.
 - Entering a string in the input field on the scanner:
 - Filters the document list according to the entered string.
 - Changes the lead sign to *.
 - Opens the document immediately on the scanner if only one document matches.
 - Entering a * in the input field and closing the filter returns the list to the search string filter, with the lead sign changing back to #.
- A line with **Search String** field value and **Default Locked** checkbox is selected for the WMS user:
 - The user can see a filtered list and apply additional filters within it.
 - When opening the document list for the first time, it is filtered by the search string, with the lead sign #.
 - Entering a string in the input field on the scanner:
 - Applies the entered filter in addition to the existing search string.
 - Changes the lead sign to #*.
 - Opens the document immediately on the scanner if only one document matches.
 - Entering a * in the input field and closing the filter will revert the list to the search string filter, with the lead sign changing back to #.



 Note

When the filter selection results in no lines, use * to clear the filter and display all items.



Setting up Users for WMS

Article • 7/18/2024 • 2 min read

For each user of a handheld device, password and Language Code can be setup.

1. Select the Search icon  , enter **Users (WMS)** and then choose the related link.
2. On the **Users (WMS)** page, choose the **New** action.
3. Enter a code and a Name in the lines for each of your users of the handheld devices.
4. Fill in the other fields as necessary. Hover over a field to read a short description.
5. In the **Personal Bins (for Bin Movement)** FastTab, add a location code for each location the user is going to use the *Whse. Bulk Put-Away* module in this location on the handheld device.

See also

[Setting up modules on scanner per location](#)



Setting up devices for WMS

Article • 8/1/2025 • 3 min read

To ensure the security of your system, a scanner must be authorized before it can connect to your Business Central to process Warehouse documents. It is recommended you follow the initial setup before adding devices.

1. Select the Search icon , enter **Device List (WMS)** and then choose the related link.
2. On the **Device List (WMS)** page, choose the **Add Device** action.
3. Enter a the **comment** filed value to identify the device, for each device. A barcode for configuration will be generated in the fact box.
4. Deselect the line and select the line again, to ensure the barcode is updated correctly.

On the handheld device

1. With your **device** connected to the internet, open the Aptean WMS App from Google Play.
2. It will ask you to select a server.
3. Select a server, when the current server is not listed, press **Add**.
 - a. Use the scanner to scan the barcode for configuration.
 - b. Press **Add**.
4. Select the **Company**.
5. Select the **User**.
6. Select the **Location**.
7. Then select **Login**.

Supported scanners

Every scanner that has a Zebra or Honeywell scanning processing unit should work with the warehouse management system. It is recommended that you get information and approval from your Aptean contact in order to guarantee that the scanner is connected to the WMS correctly. Also, do not acquire any new scanning devices without approval. The minimum version of Android required for the WMS app is 7.0 (API level 24). For more information about the minimum version, visit Google Play and search for Aptean WMS.

Note

These values are shared across all companies in your Business Central environment. If you change the setup in one company, the changes apply to all companies.



Android WMS App on the handheld device

Article • 1/28/2026 • 8 min read

The following pictures describe the terminology for the screens, fields, modules on the WMS android app.

Login Screen

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Menu

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Document List

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Item List

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WMS DataWedge Profile

To use the WMS App on a scanner with a Zebra CPU, the WMS App will create a DataWedge Profile to communicate.

This profile WMS DataWedge profile is only ever created from scratch if there is no profile called WMS. If profile called WMS exists, it does nothing on startup.

When entering the WMS app options page, changing any option on the page only changes that one setting in the WMS DataWedge profile (via UPDATE not full OVERWRITE), it will not re-associate the app or make any other changes besides toggling that one option

.

When the user has another profile currently associated with the WMS app, it will show a warning, since changing the options on the scanner page only ever changes the WMS profile, not the custom profile, so essentially the scanner



options page doesn't do anything in this scenario (it always worked like this, figured a user should know why the page wasn't working though).

The reset button on the **Scanner Options** page now shows a warning before it executes, since this will wipe and reset the WMS DataWedge profile, and potentially re-associate it with the WMS app, if it is not blocked from doing so.



Setting up items for Warehouse Management System

Article • 7/18/2024 • 2 min read

When picking, it can be necessary, to not only have the Base Unit of Measure on the handheld device, but also another Unit of Measure, to facilitate the pick for the warehouse Employee.

1. Select the Search icon  , enter **Items** and then choose the related link.
The **Items** list page opens.
2. Select an Item **No.**, to open the **Item Card** page.
3. On the **Item Card** page, select a Unit of Measure in the **Display Unit of Measure** field.

See also

[Walkthrough: Setup and processing picks](#)



Setting up bins for Warehouse Management System

Article • 7/18/2024 • 2 min read

When you use bins in your warehouse, you want to know if it contains products that you can pick and that these goods are not blocked, in quarantine or else.

Some bins are reserved for one specific item, some bins can only contain one item. Some bins are ready to scan the bin and Auto FEFO pick the items.

1. Select the Search icon , enter **Locations** and then choose the related link.
2. Select the **Location**.
3. Choose the **Bins** action.
4. Select the Auto FEFO Pick Type in the **Auto FEFO Pick** field, for each bin, you want to use to be able to scan the bin and take the oldest Lot No.
5. Select the **Picking Sequence** field, to specify which bin sequence to follow, when picking.
6. Select the **Is Shipping Bin** field, to specify the bins to use in the Transport Validation process.

See also

[Setting up Warehouse templates](#)

[Walkthrough: Setup and processing picks](#)



Setting up bin groups

Article • 7/18/2024 • 2 min read

Bin Groups are used to determine in the create pick functionality, which bins will be checked for inventory, and most important, in which order.

These bin groups will be used to setup the picking groups in the bins.

1. Select the Search icon , enter **Bin Groups**, and then choose the related link.
2. On the **Bin Groups** page, choose the **New** action.
3. Enter a code and a description that represent the bin group.
4. Enable the **Quick Pick Confirmation** field, to confirm the quantity when using Auto FEFO bins to pick from.

See also

[Setting up warehouse templates](#)



Setting up logistic statuses

Article • 7/18/2024 • 3 min read

When sales documents and purchase documents are registered in the system, they can have the *Open*, *Pending Approval*, *Pending Prepayment* or *Released* status. For your warehouse management, logistics planning and customer service, you need more information. You want to know the process status or the orders.

When you use bins in your warehouse, you want to know if it contains products that you can pick and that these goods are not blocked, in quarantine or else.

When you prepare pallets for shipping, you want to know the status of the pallet by its license plate. Is the pallet blocked, sealed, ready to load or in any other status that you can think about.

By setting up **Logistics Statuses**, you can cover all your needs to support status flows in these areas, including allowed next steps, allowed back steps, display order and other features.

1. Select the Search icon  , enter **Logistics Statuses** and then choose the related link.
2. On the **Logistics Statuses** page, choose the **New** action.
3. Enable the **Show On Load List**, **Handle License Plate Transport Validation** and **Next Transport Validation** fields as necessary. Hover over the field to read a short description.

See also

[Walkthrough: Confirm loading the truck](#)

[Walkthrough: Confirm on every place identity](#)



Setting up warehouse templates

Article • 9/24/2025 • 5 min read

Warehouse Templates meet the needs of various warehouses. While the standard create pick functionality creates one pick per warehouse shipment, using the warehouse templates will allow you to create different picks depending on destination, full pallets and single items, and many more parameters.

This allows the warehouse manager to make specific picks based on the requirements for a particular shipment.

Using multiple settings in the Warehouse Template, you can also define the type of guidance, restrictions and/or confirmations you will get on the device.

1. Select the Search icon , enter **Warehouse Templates** and then choose the related link.
2. On the **Warehouse Templates** page, choose the **New** action.
3. Select **Warehouse Template Group**.
4. Enter a **Code**, **Description** and **Sequence** in the lines for each Picking template.
5. Fill in the other fields as necessary. Hover over a field to read a short description.
6. Select a value in the **Sorting Method** field, to specify to which bin to be guided, when picking.
7. Select the **Calculate To Full Pick Qty.** field, to specify to which bin to be guided, when picking.
8. Select a value in the **Qty. Display Type** field, to specify to display the License Plate Type, when picking.
9. Select a value in the **Allowed Pick Qty.** field.
10. Select a value in the **Transport Validation Type** field, to specify which mandatory confirmation flow needs to be followed, when picking.

Note

The system supports place confirmation in inventory movements through the transport validation option, *Move to bin*.

11. Select a value in the **Label Code** field, which is used while printing license plate labels related to a warehouse pick when it is fully registered. If this field is left blank, the labels are not printed.

Bin display on the scanners

When you open the item list on the scanner, the bins shown for picking or placing items are determined by the **Sorting Method** field and the picking bin group order defined on the **Picking Group Order** page by selecting the **Picking Order** action.



The lines in the **Picking Group Order** page are sorted by sequence and define the order of bin groups displayed on the scanner.

For each bin group, the system selects a bin that matches the value in the **Sorting Method** field of the warehouse template. The available sorting methods are:

- **Blank:** For each bin group, the system uses the default sorting method for bins that contain the requested item: *Location Code*, *Bin Code*, and *Item*.
- **FEFO - Exclusivity By Pick Order:** For each bin group, bins containing the requested item are sorted first by the oldest lot number, then by exclusivity type, in this order: *Fixed*, *Dynamic*, and *None*.
- **Exclusivity By Pick Order - FEFO:** For each bin group, bins containing the requested item are sorted first by exclusivity type in the following order: *Fixed*, *Dynamic*, *None*, and then by the oldest lot number.
- **License Plate Type By Pick Order - FEFO:** For each bin group, bins containing the requested item are sorted first by the license plate type defined in the **Default License Plate Type** field of the warehouse template, and then by the oldest lot number.

Note

The **Item shelf life per customer** field is always considered when sorting.

Assign destination license plate number in single pick

The system provides flexibility of the single pick process when handling license plates during warehouse picks via scanner. You can perform both full and mix picks, choosing to either pick a license plate as it exists in stock or to pick and place from one license plate to another.

The following functionalities allows to support full and partial pallet picks within one pick document.

- You can assign a destination license plate during single pick, like mix pick functionality for consolidating items from multiple source license plates into a single destination license plate number.
- The system allows you to scan a fully required license plate for a pick without assigning a destination license plate.
- You can scan and assign a non-existent, empty license plate or a picked license plate as a destination pallet during picking.

Note

This feature works similarly for inventory movement process also. Additionally, if the same license plate is scanned again, the destination license plate gets cleared. The system displays a pop-up message when you scan a license plate with stock.



- The system allows unassigning a destination license plate by scanning the same destination license plate again on the **Pick** screen.

See also

[Walkthrough: Setup and processing picks](#)

[Walkthrough: Confirm on every place identity](#)



Setting up warehouse put-away templates

Article • 12/20/2024 • 8 min read

The warehouse put-away template is a predefined setup in the warehouse management system that helps to streamline the process of organizing and storing goods in a warehouse after receipt. It ensures that items are placed in optimal locations, improving efficiency, reducing errors, and maximizing storage utilization.

Prerequisites and assumptions

- The put-away template applies only to warehouse put-away documents.
- The put-away template is applicable only for LPN (License Plate Number)-tracked items.
- The put-away template works exclusively for locations that use bins.
- Bin replenishment functionality remains unchanged and continues to use the picking bin group.
- License plate types are required for the put-away template, and at least one license plate type must be defined.
- A bin can hold only one item on one license plate type at a time.
- The system cannot guide put-away to bins containing multiple items or multiple license plate types.
- Once a bin is emptied, it can store a different item or license plate type.
- When using size constraints, all sizes must be in the same unit of measurement (For example: meters, centimetres, or inches).
- When using weight constraints, all weights must be in the same unit of measurement (For example: grams, kilograms, or pounds).

Configuration on the advanced warehouse setup

To setup the warehouse put-away template, you must complete the required configuration on the **Advanced Warehouse Setup** page.

1. Select the Search icon , enter **Advanced Warehouse Setup**, and then choose the related link.
The **Advanced Warehouse Setup** page opens.
2. On the **General** FastTab, in the **Default Layer UoM** field, select a value from the dropdown. This value cannot be left empty, else an error occurs.

Prepare license plates for correct sizes and weights

To use put-away templates with existing license plate records in your company, you must update the license plate contents. This ensures data accuracy and requires all items to have correct values for their units of measure. Additionally, the **Default Pallet UoM** and **Default Layer UoM** fields must be defined.



Follow the below steps to update the license plates with correct size and weight. 1. Navigate to the **License Plates** list or **License Plate** card page. 2. Select the lines.

The best practice is to select all lines or multiple lines, depending on the number of license plates. 3. On the action bar, select **Update Contents**.

When you update the content or type of a license plate, its sizes and weights are automatically updated.

Configuration on the bin groups

You can configure the following fields on the **Bin Groups** page to setup the warehouse put-away template.

1. Navigate to the **Bin Groups** page.
2. Select the **Calculate Put-Away Template data** checkbox for the bin codes for which the put-away template data to be calculated for put-away process.
3. Select the **Overstore Put-Away Bin Capacity** checkbox for the bin codes to which the system would allow to store more license plates than the put-away capacity.

Configuration on the bins

You can configure the following fields on the **Bins** page to setup the warehouse put-away template.

1. Navigate to the **Bins** page.
2. In the **Maximum Height** and **Maximum Weight** fields, enter the maximum allowable height and weight values of a bin.

Note

When 0 is entered, it represents the unlimited value.

3. In the **Put-Away Sequence** field, specify the sequence for the bin.

Note

As the system does not allow multiple items on a bin in put-away templates, best practice is to set the **Exclusivity Type** field to **Single Item (Dynamic)** on the **Bins** page.

Configuration on the bin contents

You can view the configuration of each bin on the **Bin Contents** page related to the warehouse put-away template.



Navigate to the **Bin Contents** page.

The following fields provide the required information:

Field	Description
License Plate Type	Specifies the license plate type dedicated to this bin.
Put-Away Capacity Calculated	Specifies if the put-away capacity is calculated to this bin.
Put-Away Available Capacity	Specifies the available put-away capacity of this bin.
Put-Away Available Weight	Specifies the available put-away weight of this bin.

Define license plate type floor space

You are allowed to define the license plate type floor space on the **Bins** and **Bin Contents** pages through **License Plate Type Floor Spaces** action.

1. Navigate to the desired **Bins** page.
2. On the action bar, select **Related > Bin > License Plate Type Floor Spaces**.
The License Plate Type Floor Spaces page opens. The **Bin** and the **Location Code** fields are automatically populated.
3. In the **License Plate Type** field, select a value.
4. In the **No. of Floor Spaces** field, enter a value. This works similarly on the **Bin Contents** page.

Configuration on the location card

You must configure the location card to use the Warehouse Put-Away templates and follow the below steps:

1. Navigate to the desired **Location Card** page.
2. On the action bar, select **Configure WMS**.
The **WMS Configuration** page opens.
3. On the **Journal Setup** FastTab, in the **Put-Away** group, turn on the **Put-Away Template Guidance** toggle to specify that the selected location is using guidance in the warehouse put-away process.
A confirmation message will be displayed when you turn on this toggle.



 Note

You cannot turn on this toggle when the **Default Layer UoM** field is empty on the **Adv. Warehouse Setup** page.

Prepare put-away capacity on the bins

When the **Put-Away Template Guidance** toggle on the associated location is turned on, you can update the put-away capacity for the bins on the **Bin Contents** page.

The following steps explain how put-away capacity is updated for bins.

1. Navigate to the **Bin Contents** page.
2. In the **Location Filter** field, select a location.
3. Select the lines.
The best practice is to select all lines or multiple lines, depending on the number of license plates.
4. On the action bar, select **Actions > Update Put-Away Capacity**.

The bin contents are updated only when the following conditions are met.

- Bins with same items and license plate type.
If a bin contains multiple license plate type, the capacity for it is not calculated and the **Put-Away Available Capacity** and **Put-Away Available Weight** are updated to 0.
- The **Calculate Put-Away Template data** checkbox is selected on the **Bin Groups** page.
- Items with the **Maximum Stackable Qty** field value defined.
- The **Maximum Weight** field should have value on the **Bins** page.
If the **Maximum Weight** field value is set to 0 for the associated bin, then the **Put-Away Available Weight** field is updated as 0 on the associated **Bin Contents** page.
- The **Type** field on the **License Plate** card page and the **No. of Floor Spaces** field on the associated **Bins** page should have values.

Configure warehouse put-away template on the item card

You can assign the warehouse put-away template for an item in the **Put-Away Template** group on the **Warehouse Management System** FastTab of the **Item Card** page. This information helps to calculate the license plates in a bin and assists in the scanning process.

1. Open the desired **Item Card** page.



2. On the **Warehouse Management System** FastTab, in the **Put-Away Template** group, enter the information in the following fields:

Field	Description
Put-Away Template Group	Specify the warehouse template group to be used for guidance in the warehouse put-away process.
Put-Away Template Code	Specify the warehouse template code to be used for guidance in the warehouse put-away process.
Put-Away Check Group	Specify the warehouse template group to be used to check in the warehouse put-away process.
Put-Away Check Code	Specify the warehouse template code to be used to check in the warehouse put-away process.
Maximum Stackable Qty	Specify the maximum quantity of full license plates that can be stacked vertically.

These field values assigned for the item helps to calculate the number of license plates that can be stored in a bin.

Configuration on the warehouse templates

You can configure the sequence for the Put-Away and associated setup on the **Warehouse Templates** page.

The following steps explains how put-away guidance is set up on the **Warehouse Template Process Order** page.

1. Open the **Warehouse Templates** page.
2. On the action bar, select **Process Order**.
The **Warehouse Template Process Order** page opens.
3. On the action bar, select **Put Away Guidance**.
The **Put-Away Guidance** page opens.
4. In the **Warehouse Template Group**, **Warehouse Template Code**, and **Bin Group Code** fields, enter the values.
5. In the **Sequence** field, the value is updated automatically. You can use the **Move Up** and **Move Down** actions on the action bar to change this value.
6. In the **Put-Away Mode** field, select a value. The available options are: *Guidance*, *Confirm Check*, and *Blocked Check*.
7. In the **Guide to / Check on** field, enter a value.



 Note

When the *Guidance* and *Confirm Check* are selected in the **Put-Away Mode** field, the **Guide to /Check On** field can be entered with same value. However, *Blocked Check* and *Guidance* in the **Put-Away Mode** field cannot have same values in the **Guide to /Check On** field.



Setting up label printing

Article • 7/18/2024 • 5 min read

When using License Plate Numbers, mixed pallets, etc..., it could be nice to label those License Plates on the floor with the correct information.

To achieve this, we are working with a general setup to determine the communication to the webservice of the label software.

Note

It is imperative that all wanted labels are prepared and ready to be used by your label software. The label software automation of your label software needs to be installed and running to receive and process the JSON messages send out from the Advanced Warehouse Management Connector.

1. Select the Search icon , enter **Advanced Warehouse Mgmt. Connector Setup** and then choose the related link.
2. Choose the **Insert Default Values** action.
3. Check and change the fields, as necessary. Hover over a field to read a short description.

To setup printers to be used in label printing software.

4. Select the Search icon , enter **Advanced Warehouse Mgmt. Connector Setup** and then choose the related link.
5. Choose the Printer Setup action.
6. On the **Label automation Printer Setup** page, choose the **Add Default Printers** action, to add the default printers.
7. On the **Label automation Printer Setup** page, choose the **New** action.
8. Enter a **Printer Name** and a **Description** in the lines for each Printer. Be aware the Printer Name is the correct Printer Name used in the label printing software.

To setup labels to be printed in label printing software.

9. Select the Search icon , enter **Advanced Warehouse Mgmt. Connector Setup** and then choose the related link.
10. Choose the **Labels Setup** action.
11. On the **Label automation Label Setup** page, choose the **New** action.
12. Enter a **Code** and a **Description** in the lines for each Printer. Be aware when using the **Report Output Type** Send to Automation, these names are specific linked to the **Report ID** used. The standard labels to use on different documents can be found in the CRONUS DIT DEMO Company.
13. Fill in the other fields as necessary. Hover over a field to read a short description. To setup the ability to print labels from the WMS App we use the [Request Forms](#).



See also

[Walkthrough: License Plate Info, reprint a License Plate No.](#)



Print empty license plate labels

Article • 9/24/2025 • 2 min read

You can create and print multiple empty license plate labels using the **Print New License Plate Labels** page. You can specify the number of empty license plate number labels to print.

Setup

1. Navigate to the **Feature Control** page. The **Feature Control** page opens.
2. In the **Application Name** field, set the *Aptean Beverage Advanced Warehouse Management for Drink-IT Edition* application to *Enabled*.
3. Navigate to the **Labels** page, select **New**. The **Label** page opens.
4. In the **Label Code** field, enter **Empty Label**.
5. In the **Label Category** field, select related empty label code.
6. On the **Lines** FastTab, configure the lines as required for print.
7. Navigate to the **Adv. Warehouse Setup** page. The **Adv. Warehouse Setup** page opens.
8. On the **Labelling** FastTab, select the value for the **Label Code** field same as the value configured in the **Label Code** field on the **Labels** page in step 4.

The setup to print multiple empty license plate labels is complete.

The following procedure outlines how to configure print for creating multiple empty license plate labels.

9. Open the relevant **Print New License Plate Labels** page.
10. Select a value from one of the following fields based on the purpose of creating the required print.

Field	Description
Number of Labels	Enter the maximum number of labels to print at once. The maximum value allowed is 1000.
Label Code	Specifies the label code value populated from the Label Code field on the Adv. Warehouse Setup page. This field is not editable.

11. Select **OK**.

The required number of labels are printed. Once the labels are printed, you can view the entries on the **Label Output Files** page.



 Note

You can also access this page by executing the **Print New (empty) License Plate Labels** action on the **License Plate List** page.



Print labels from posted documents

Article • 7/22/2026 • 2 min read

You can print labels for a warehouse receipt or warehouse shipment after it has been posted, using the **Print Label(s)** action on the **Posted Whse. Receipt** and **Posted Whse. Shipment** pages. This allows you to print labels even if they were not printed before the document was posted, or to print additional copies afterward. This requires the Apteian Labeling extension.

The labels are generated based on the same label selection rules and setup used elsewhere for label printing. The system reconstructs the lot, serial, and license plate information for the posted lines from the underlying warehouse and item tracking entries, so the printed labels reflect the tracking information that was actually posted.

Print labels for an entire posted document

1. Select the Search icon, enter **Posted Warehouse Receipts** or **Posted Warehouse Shipments**, and then choose the related link.

The **Posted Whse. Receipts** or **Posted Whse. Shipments** list page opens.

2. Select the posted document, or select multiple documents in the list.

3. On the action bar, select **Print Label(s)**.

The system generates labels for all lines on the selected document or documents.

Print labels for specific lines on a posted document

1. Select the Search icon, enter **Posted Warehouse Receipts** or **Posted Warehouse Shipments**, and then choose the related link.

2. Select the posted document.

The **Posted Whse. Receipt** or **Posted Whse. Shipment** page opens.

3. On the **Lines** FastTab, select the line, or select multiple lines.

4. On the action bar, select **Print Label(s)**.

Alternatively, use the shortcut key **Alt+Shift+L**.

The system generates labels for the selected line or lines only.

Note

If the **Print Dialog** toggle is turned on in the Label Setup, a print dialog is shown before printing, allowing you to change the printer or label quantity. Otherwise, the label(s) are printed immediately.



 Note

A license plate that spans multiple posted lines is printed as a single label. Lines that are not license plate tracked are grouped by item, variant, unit of measure, and lot or serial number.



Splitting warehouse receipt lines in scanner

Article • 1/28/2026 • 3 min read

You can split the lines based on warehouse receipt based on the item tracking lines in Business Central.

The system ensures that lot numbers and expiration dates assigned in the item tracking lines of a purchase order are fully respected during warehouse receiving on the scanner. Key behavior:

- The system will take over the lot numbers, expiration dates from the item tracking lines in the Business Central warehouse receipt.
- Based on the item tracking lines in Business Central, lines in the scanner will be split to the different lot numbers.
- Select lot number dialog box will be opened while scanning the item/item reference for a fully tracked item. Allows you to enter only the available lots in the item tracking for fully tracked item.
- Enter lot number dialog box will be opened while scanning the item/item reference for a non-fully tracked item.

Partial receiving with mixed reserved and non reserved lots

This ensures that during partial receiving of a warehouse receipt, existing lot reservations are preserved when a different (non-reserved) lot is received first.

The system will reduce only the flexible quantity and maintain the reserved lot quantities intact. This prevents unintended deletion of reservations and ensures accurate lot-controlled inventory handling.

Over-receiving prevention on WMS scanner with multiple lots

The enforces lot-level validation during warehouse receipt to prevent over-receiving against individually reserved lots.

The system validates received quantities against the specific lot reservation rather than the total document line quantity. If the entered quantity exceeds the reserved quantity for that lot, the system blocks the transaction with an appropriate error message.

After successful partial receipt within limits, the remaining reserved quantity for the lot is correctly updated.

Key features:

- Lot-level quantity validation: The system validates received quantities against the reserved quantity of each individual lot, not the total line quantity.
- Prevention of over-receiving:
Users are blocked from receiving more than the reserved quantity for a specific lot, even if the total line quantity



is not exceeded.

- Real-time error messaging: Clear error message is displayed when the entered quantity exceeds the allowed quantity for the selected lot.
- Accurate reservation updates: After partial receipt, the system correctly updates the remaining reserved quantity for the lot.
- Scanner-level enforcement: Validation occurs directly in the WMS scanner process to prevent incorrect posting before completion.
- Controlled inventory integrity: Ensures strict lot compliance and prevents unintended inventory inconsistencies.

Multiple lines with same item - correct lot-to-line mapping

The system ensures that when the same item appears on multiple purchase order lines with different lot reservations, each received lot is correctly mapped to its originating line.

The scanner enforces line-level lot validation and prevents cross-line posting errors.

If a lot from another line is scanned, the system prompts the user to switch to the correct line, ensuring accurate and controlled receiving.

Note

Warehouse Management System can only process receipts of only 1 source document per receipt.

Key features:

- Line-level lot mapping:
Each lot is explicitly linked to its originating purchase order line during warehouse receipt processing.
- Multiple line handling for same item: The scanner displays separate lines for the same item when it exists on multiple purchase order lines with different lot reservations.
- Cross-line validation control: The system prevents posting a lot against the wrong purchase order line.
- Automatic line detection: If a lot belonging to a different line is scanned, the system detects the mismatch in real time.
- User navigation prompt: The scanner prompts the user to switch to the correct line before proceeding with receipt.
- Data integrity protection:
Ensures no cross-contamination of quantities or lot reservations between purchase order lines.



Pick partial quantities from mixed inventory

Article • 1/28/2026 • 1 min read

To pick quantities from mixed inventory, follow these steps:

1. Navigate to the **Warehouse Templates** page.
2. In the **Allow Scanning Mixed License Plate** field, select a value to specify a mixed inventory license plate that can be picked.

Note

Mixed inventory picking is only available when the **Pick Type** field value is set to *Single*.

The following procedure outlines how to partially pick quantity from mixed inventory on a license plate when a license plate contains multiple items or multiple lots of the same item.

3. Navigate to the relevant **Warehouse Pick** screening scanner.
4. Scan the destination license plate.
5. In the quantity field, enter the quantity to pick
6. Scan the license plate with mixed inventory (Multiple Items or Multiple lots of same Item):
 - If license plate contains the same item and different lots, the system displays a popup message to scan lot.
 - If license plate contains different item and same lot the system displays a popup message to scan item.
 - If license plate contains the different item and different lots the system displays a popup message to scan item, once scanned, the system displays a popup message to scan lot.
 - Pick with partial quantity is registered.



Business process walkthroughs-Drink-IT

Article • 7/18/2024 • 3 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 Drink-IT 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.

Note

- Correct [GS1](#) labels for license plates will contain barcodes for:
- GTIN No. of item
- Lot No.
- Expiration Date
- Quantity
- SSCC

These can be in one 2D Barcode or in multiple 1D or 2D barcodes. When scanning labels, scan in the above order.

Labels

To run through the Walkthroughs of Warehouse Management System, you will need the barcodes of the items in inventory and the barcodes of the bins of the various locations.

Below the PDFs, containing the barcodes:

[SILVER-WMS-Bins](#)

[WHITE-WMS-Bins](#)



[PROD-WMS-Bins](#)[SILVER-WMS-Inventory](#)[WHITE-WMS-Inventory](#)[PROD-WMS-Consumables](#)**Note**

Open the PDF's always in an appropriate app before scanning, so you have an adequate resolution of the barcodes. After scanning barcodes in the processes where you changed from bin, highlight the barcodes to indicate you used them.

See also

[Copy a company](#)

To	See
What do we need to scan to receive products from the vendor?	Walkthrough: Receiving a Purchase Order
Can we put-away multiple pallets in one drive?	Walkthrough: Driving a 2-pallet forklift
How to add Production Output on my scanner?	Walkthrough: Add Production Output to the scanner and post output
How to consume in production?	Walkthrough: Post consumption from the production Location
How to reprint an LPN label from my scanner?	Walkthrough: License Plate Info, reprint a License Plate No.
Where can I find an item?	Walkthrough: Item Info
What is in my bin?	Walkthrough: Bin Content
Is it easy to move stock around?	Walkthrough: How to move items around in the warehouse
How do we move items for movements created in the Movement Worksheet?	Walkthrough: Move items in a directed location
Is our inventory up-to-date?	Walkthrough: Stock counts, including Tracking



	Enhancements
Is picking License Plates as easy as it seems?	Walkthrough: Setup and processing picks
When shipping, do we know which License plates are loaded in the truck?	Walkthrough: Confirm loading the truck
On our company we go for the best accuracy, how can we achieve this?	Walkthrough: Confirm on every place identity
When our vendor delivered his goods, the truckdriver wants to take empty goods in return. How?	Walkthrough: Shipping returnable empty goods to the vendor



Walkthrough: Receiving a Purchase Order

Article • 1/28/2026 • 5 min read

We purchase beer to distribute from another brewery. They send us the beer on pallets with pallet labels including SSCC Nos. We receive those pallets and put them away in our warehouse.

!

Note

Warehouse Management System can only process receipts of only 1 source document per receipt.

Required documents to scan:

- [SILVER-WMS-Bins](#)
and
- [Mortimor-1512-6521040000000000037](#)
- [Mortimor-1512-6521040000000000044](#)
- [Mortimor-1512-6521040000000000051](#)
- [Mortimor-1682-6521040000000000013](#)
- [Mortimor-1682-6521040000000000020](#)
- [Mortimor-1682-6521040000000000068](#)

Purchase Order to Receipt

1. Select the Search icon , enter **Purchase Orders**, and then choose the related link.
2. On the **Purchase Orders** page, choose the **New** action.
3. In the **Vendor Name** field, enter the No. *95820 (Mortimor Brewery LPN)*.
4. In the **Location Code** field, enter *SILVER_WMS*.
5. Fill in the lines:

Item		Quantity	Unit of Measure Code
1512	3	PAL	
1682	30	CASK	

6. Choose the **Release** action.
7. Choose the **Create Whse. Receipt** action. The **Warehouse Receipt** page opens.



For more information, please also check Receive items

8. Change the **Release To Scanner** field to Enabled.

Some background explanation When using the Release to scanner field is enabled, a line is created in the WMS Activity List. This line will be displayed in the document list on the scanner.

On the scanner

1. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins**.
2. Select the group **Inbound**.
3. Select the Module **Receipt**, this opens the document list.
4. Select the first line, this opens the item list.
5. Scan barcode from label **starting by the Item**, until all information is provided to post the output, the scanner will ask for information if needed.

For the provided labels, this means to first scan the vertical barcode on the left side, providing you Item, Lot No, Expiration Date and quantity. Then scan the horizontal barcode on top, providing you the SSCC No. Or scan the 2D label providing you all information at once.

6. The **quantity** in the item line is reduced by the received quantity.
7. Repeat scanning until all labels are scanned.
8. The quantity in the item line is every time reduced by the received quantity. When all quantity is received for an item, the line for this item will disappear from the list.

Explanation* Every time a label is fully scanned, a line is created in the WMS Entries of the document line in the WMS Activity List. This line has all the information to be able to post the receipt of the scanned License Plate. The Receipt toggle in the WMS Configuration of the Location SILVER_WMS is turned on, it means that the Warehouse Receipt will automatically be posted when completing the Receipt on the scanner. If the Receipt toggle is turned off, you can check the WMS Entries in the WMS Activity List before manually posting the Warehouse Receipt.

9. Choose **Complete, Yes**, to finish the Receipt.
10. Close the document list.

The posting of the receipt is periodic, so it could take some seconds before the receipt is posted and the put-away is created.

11. Select the **Put-Away** module, this opens the document list.
12. Select the first line, this opens the item list.
13. Scan the Destination Bin, SO-BULK-23.



14. Scan the SSCC for item 1512.
15. The **quantity** in the item line is reduced by the quantity already put away.
16. Repeat scanning until all labels are scanned.

Please be aware, some bins are protected by an Exclusivity Type, with the result that you cannot place multiple items in this bin. Put the item 1682 in the bin SO-BULK-24.

17. The **quantity** in the item line is every time reduced by the put away quantity. When all the quantity is put away for an item, the line for this item will disappear from the list.
18. Choose **Complete, Yes**, to finish the Put-Away.
19. Close the document list.

The receipt is posted, the put away registered, to verify the warehouse movements, check the **Warehouse Entries** and the **Detailed Warehouse Entries**.



Walkthrough: Driving a 2-pallet forklift

Article • 7/18/2024 • 5 min read

In our company, we use a 2-Pallet forklift to put away incoming goods.

Required Documents to scan:

- [WHITE-WMS-Bins](#)
and
- [Mortimor-1512-6521040000000000105](#)
- [Mortimor-1512-6521040000000000112](#)
- [Mortimor-1512-6521040000000000129](#)
- [Mortimor-1682-6521040000000000075](#)
- [Mortimor-1682-6521040000000000082](#)
- [Mortimor-1682-6521040000000000099](#)

Purchase Order to Receipt

1. Select the Search icon , enter **Purchase Orders**, and then choose the related link.
2. On the **Purchase Orders** page, choose the **New** action.
3. In the **Vendor Name** field, enter the No. *95820 (Mortimor Brewery LPN)*.
4. In the **Location Code** field, enter *WHITE_WMS*.
5. Fill in the lines:

Item	Quantity	Unit of Measure Code
1512	3	PAL
1682	30	CASK

6. Choose the **Release** action.
7. Choose the **Create Whse. Receipt** action. The **Warehouse Receipt** page opens.

For more information, please also check [Receive items](#)

8. Turn on the **Release To Scanner** toggle.

Some background explanation

When using the Release to scanner field is enabled, a line is created in the [WMS Activity List](#). This line will be displayed



in the document list on the scanner.

On the scanner

1. Open the WMS App on the scanner and login to Location *WHITE_WMS*, **WMS White Warehouse London - Bonded and Tax Paid bins**.
2. Select the group **Inbound**.
3. Select the Module **Receipt**, this opens the document list.
4. Select the first line, this opens the item list.
5. Scan barcode from label **starting by the Item**, until all information is provided to post the output, the scanner will ask for information if needed.

For the provided labels, this means to first scan the vertical barcode on the left side, providing you Item, Lot No, Expiration Date and quantity. Then scan the horizontal barcode on top, providing you the SSCC No. Or scan the 2D label providing you all information at once.

6. The **quantity** in the item line is reduced by the received quantity.
7. Repeat scanning until all labels are scanned.
8. The quantity in the item line is every time reduced by the received quantity. When all quantity is received for an item, the line for this item will disappear from the list.

Explanation *Every time a label is fully scanned, a line is created in the WMS Entries of the document line in the WMS Activity List. This line has all the information to be able to post the receipt of the scanned License Plate. The Receipt toggle in the WMS Configuration of the Location *WHITE_WMS* is enabled, it means that the Warehouse Receipt will automatically be posted when completing the Receipt on the scanner. If the Receipt toggle is turned off, you can check the WMS Entries in the WMS Activity List before manually posting the Warehouse Receipt.*

9. Choose **Complete, Yes**, to finish the Receipt.
10. Close the document list.

The posting of the receipt is periodic, so it could take some seconds before the receipt is posted and the put-away is created.

11. Select the **Module Whse. Bulk Put-Away**, this opens the document list.
12. Select the first line, this opens the item list.
13. Scan an SSCC for item 1512. A line appears on top of the list with the scanned, selected SSCCs.
14. Scan an SSCC for item 1512. A second line appears on top of the list with the scanned, selected SSCCs.
15. Scan the Destination Bin, WO-BULK-23.
16. Both selected License Plates are put away on the bin and the selected lines disappear.
17. The **quantity** in the item line is reduced by the quantity already put away.



18. Scan the last SSCC for item 1512. A line appears on top of the list with the scanned, selected SSCCs.
19. Scan an SSCC for item 1682. A second line appears on top of the list with the scanned, selected SSCCs.
20. Scan the Destination Bin, WO-BULK-23. An error appears because of the Exclusivity Type.
21. Scan the SSCC for item 1682 again, or long press on the line, to **deselect**. The line is still on top of your list, what means it is still on your forklift, not selected.
22. Scan the Destination Bin, WO-BULK-23.
23. The selected License Plate is put away on the bin and the selected line disappears. The second License Plate on your forklift gets **selected**.
24. The **quantity** in the item line is reduced by the quantity already put away. When all quantity is received for an item, the line for this item will disappear from the list.
25. Scan the Destination Bin, WO-BULK-24.
26. The selected License Plate is put away on the bin and the selected line disappears.
27. Repeat scanning until all labels are put away.
28. Choose **Complete, Yes**, to finish the Put-Away.
29. Close the document list. The receipt is posted, the put away registered, to verify the warehouse movements, check the **Warehouse Entries** and the **Detailed Warehouse Entries**.



Walkthrough: Add Production Output to scanner and post output

Article • 7/18/2024 • 7 min read

In our company we produce item in a production order in our warehouse, e.g. Clipping Crates. For this we will print labels and we want to post output in our warehouse.

Check the scanner

1. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins**.
2. Run through the different groups, Inbound, Internal and Outbound. A Module **Prod. Output** is nowhere to be found.
3. **Close** the WMS App on the scanner.

Add a module to the scanner

1. Select the Search icon , enter **Locations**, and then choose the related link.
2. Select the Location SILVER_WMS.
3. Choose the **Configure WMS** action.
4. Check the fields in the **Journal Setup** and **Production Output** FastTab. Hover over a field to read a short description.
5. Choose the **Modules on Scanner** action.
6. Choose the **New** action.
7. Choose the **Prod. Output** module.
8. Close the module.
9. Select the **Prod. Output** module. The module opens.

This module has extra fields and FastTabs, to see this, we had to close and open the Module again.

10. Select the **Sort** order field and enter 3.
11. Choose the **Create Default Validations** action.
12. Choose the **Validations** action.
13. Check the **Validations**.
14. Close all pages.



License Plate Tracking Code

1. Select the Search icon , enter **License Plate Tracking Codes**, and then choose the related link.
2. Check the field **Block Double LPN On Prod. Output Posting**, which can prevent users to scan one label multiple times, when posting output.
3. Close.

Create a production order and print labels

For more information on printing labels from a production order, check [Advanced Warehouse Management Walkthrough: Print labels for production output Print Labels](#)

1. Select the Search icon , enter **Released Production Orders**, and then choose the related link.
2. Choose the **New** action.
3. Enter 1212 in the **Source No.** field.
4. Enter 4000 in the **Quantity** field.
5. Enter SILVER_WMS in the **Location Code** field.
6. Enter SO-BULK-11 in the **Bin Code** field.
7. Choose the **Refresh Production Order** action.
8. Choose **OK**.
9. Select the first line.
10. Choose the **Item Tracking Lines** action in the Lines.
11. Choose the **Assign Lot No.** action.
12. Enter 10/10/24 in the **Expiration Date** field.
13. Choose **Close**.
14. Select EURO in the **License Plate Type** field.
15. In the lines, choose the **Send to Label automation** action.
16. Enter 5 in the **No of Labels** field.
17. Choose **OK**. The labels are printed.



 Note

- Correct GS1 labels for License Plates will contain barcodes for:
- GTIN No. of item
- Lot No.
- Expiration Date
- Quantity
- SSCC These can be in one 2D Barcode or in multiple 1D or 2D barcodes. When scanning labels, please scan in order above.

Post output on the scanner

1. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins.**
2. Check the group **Inbound.**
3. Select the **Prod. Output** module, this opens the document list.
4. Select the first line, this opens the item list.
5. Scan barcodes from label **starting by the Item**, until all information is provided to post the output, the scanner will ask for information if needed.
6. The **quantity** in the item line is reduced by the quantity of the posted output.
7. Scan barcodes from the **same** label **starting by the Item**, until all information is provided to post the output, the scanner will ask for information if needed.
8. An **error message** will tell you not to exceed the quantity of the Item Unit of Measure for the Default Pallet UOM, in the Adv. Warehouse Setup. *The LPN Quantity Inbound Restriction on the item or in the Adv. Warehouse Setup, is the trigger for the error, in this company it is set on Single Lot No. What means you can only have 1 Lot No per License Plate No and the quantity can never exceed the full pallet quantity. This setup, of course, does not apply to Mix pallets.*
9. Press **OK** to exit the error.
10. Scan barcodes from the 4 other labels **starting by the Item**, until all information is provided to post the output, the scanner will ask for information if needed.
11. The **quantity** in the item line is every time reduced by the quantity of the posted output.
12. Close the item list.
13. Close the document list.

The output is posted, to verify the warehouse movements, check the **Warehouse Entries** and the **Detailed Warehouse Entries**.



Walkthrough: Post consumption from production Location

Article • 7/18/2024 • 5 min read

In our company our bottling line is consuming beer, bottles, crates, etc... from the production location. The bottling line ends in our shipment warehouse at the wrapping machine.

Warehouse Employees in the warehouse location post the output, check [Walkthrough: Add Production Output to the scanner and post output](#). And Production Employees post consumption from within the Production Location.

Required documents to scan:

- [PROD-WMS-Consumables](#)
- [PROD-WMS-Bins](#)

Check Setup to scan consumption

1. Select the Search icon , enter **Locations** and then choose the related link.
2. Select the **Location** PROD_WMS.
3. Choose the **Configure WMS** action.
4. Check the fields in the **Journal Setup** and **Production Consumption** FastTab.

Explanation To guide the Production Employee to the bin with the oldest Lot No, we use one picking template line. Be aware any item, Lot tracked, LPN Tracked, not tracked, can be scanned, so consumed.

5. Choose the **Modules on Scanner** action.
6. Choose the **Adv. Prod Consumption** Module.
7. Check the module.
8. Close all pages.

Create a production order

1. Select the Search icon , enter **Released Production Orders**, and then choose the related link.
2. Choose the **New** action.
3. Enter 1212 in the **Source No.** field.
4. Enter 4000 in the **Quantity** field.
5. Enter SILVER_WMS in the **Location Code** field.



6. Enter SO-BULK-11 in the **Bin Code** field.
7. Choose the **Refresh Production Order** action.
8. Choose **OK**.
9. Select the first line.
10. Choose the **Components** action in the Lines.
11. Change the **Location Code** field in **all** lines to PROD_WMS.
12. Close the Prod. Order Components.

Post Consumption on the scanner

1. Open the WMS App on the scanner and login to Location PROD_WMS, **WMS - Production site Birmingham - Bonded**.
2. Check the **Production** group.
3. Select the **Prod. Consump** module, this opens the document list.
4. Select the first line, this opens the item list.

Due to these items not having a GTIN code we can only select the items by scanning the item code or by long pressing a line to register.

5. Scan the Bin BT01. The bin appears above the Quantity Input.
6. In the field **Quantity Input**, enter 319.
7. Long press on the first line.
8. Scan the Lot No. LB-0014.
9. When all quantity or more is consumed for an item, the line for this item will disappear from the list.
10. Scan the Bin PACKAGE 01. The bin appears above the Quantity Input.
11. In the **Quantity Input** field, enter 10000.
12. Scan Item 6711.
13. Scan the Lot No. CR455.
14. The **quantity** in the item line is reduced to 86000.
15. Choose **Complete, Yes**, to finish the Consumption.
16. Close the document list.

Explanation Every time a scan is performed, a line is created in the WMS Entries of the document line in the WMS Activity List. This line has all the information to be able to post the consumption of the scanned License Plate. The Consumption Journal toggle in the WMS Configuration of the Location PROD_WMS is turned on, it means Consumption will automatically be posted when completing the Receipt on the scanner. If the Consumption Journal toggle is turned off, you can check the WMS Entries in the WMS Activity List before manually posting the Consumption.



The consumption is posted, to verify the warehouse movements, check the **Warehouse Entries** and the **Detailed Warehouse Entries**.



Walkthrough: License Plate Info, reprint a License Plate No.

Article • 7/18/2024 • 6 min read

One of the functions in a warehouse is to keep track of inventory. Which refers to, not only the large periodic counts, but even more to the everyday operation in the warehouse, the attentiveness of the warehouse employees and the immediate ability to check upon peculiarities. One of those abilities is to know what all the information of a license plate.

Required documents to scan: [SILVER-WMS-Inventory](#).

On the scanner

1. Open the WMS App on the scanner and login to Location SILVER_WMS, WMS Silver Warehouse London - Bonded and Tax Paid bins.
2. Select the group Internal.
3. Select the Module License Plate Info, this opens the document list.
4. Scan License Plate No. 4 0010000 000000406 7, first license plate No of the second page in the SILVER-WMS-Inventory.
5. This opens the item list on the scanned License Plate No. All the information of the license plate and its content is shown.
6. Close the item list. Let's suppose you arrive at a pallet of which the label is torn and only partially readable. The only thing we can still easily distinguish is the beginning, "40010" and some characters almost at the end "407".
7. Select the **Input** field.
8. Enter **4001x407**.
9. Select the second document. 10. This opens the item list on the scanned License Plate No. All the information of the license plate and its content is shown.
10. Select the **Document** menu.
11. Select Reprint LPN Label.
12. Submit.
13. Close the Item list.
14. Close the Document list. Check the Label Printer. If the printer is not correctly installed or available, check the error message in the print log.
15. Select the Search icon , enter **Label automation Print Log Entries**, and then choose the related link.
16. Check the latest, on top of the list, entry.
17. Close the Label automation Print Log Entries. Apply the new reprinted label to the pallet.



Check the setup to print the label

1. Select the Search icon , enter **Locations** and, then choose the related link.
2. Select the Location SILVER_WMS.
3. Choose the Configure WMS action.
4. Choose the Modules on Scanner action.
5. Choose the License Plate Info module. The Module Settings opens.
6. Choose the **Request Forms** FastTab.
7. The Request Forms ID is *REPRINT*.
8. Select the Search icon , enter **Request Forms (WMS)**, and then choose the related link.
9. Choose the Request Forms (WMS) REPRINT. The Request Forms (WMS) page opens. Hover over a field to read a short description.
10. Select the dropdown on the field Label Code. The dropdown opens.
11. Select from Full list.
12. Choose the **View** action. The **Label Automation Label Setup** page opens.
13. Hover over a field to read a short description.
14. Close all pages.



Walkthrough: Printing picked license plates manually

Article • 10/22/2025 • 5 min read

When picking items in the warehouse, you may not always be able to pick all items on the list for example, if the warehouse manager instructs you to skip an item due to an order mistake. Normally, labels are printed automatically when a pick is fully completed. However, you can print labels for the pallets that were successfully picked. These labels typically include the customer destination and other shipment details.

Let us see how to print labels for license plates that are picked manually.

Set up labeling

You must ensure that the labeling setup is configured correctly by reviewing the following areas to enable successful label printing.

Field	Description
Label Selection	Defines which labels are available for printing and under what conditions.
Label Category	Groups labels into categories, such as <i>Picked License Plates</i> or <i>Shipping Labels</i> .
Label Print Setup	Specifies the printer and template used for label output.
Label	Defines the label template or layout used by the system.
Labeling Setup	Ensures that the labeling solution is correctly linked with the labeling software.

 **Note**

If labels do not print, verify that your printer configuration matches the label print setup.

Set up the request form

You must set up the request form for the warehouse picks as follows:

1. Go to the desired **WMS Location Card** page.
2. On the action bar, select **Configure WMS**. The **WMS Configuration** page opens.
3. On the action bar, select **Modules on Scanner**. The **Modules on Scanner** page opens.
4. In the **Modules** field, select *Warehouse Pick*. The **Module Settings** page opens.
5. On the **Requests Forms** FastTab, in the **ID** field, select *PPPLP*. The **Name** field is updated with the text, *Print Partial Pick LP*.
6. In the **Header** field, select *Print Picked License Plates*.



 Note

This *Print Picked License Plates* handler is available only for the **Warehouse Pick** module.

To create the handler, follow these steps:

1. Select the Search icon , enter **Request Form (WMS)**, and then choose the related link. The **Request Form (WMS)** page opens. 2. On the action bar, select **New**. 3. Enter the required information in the following fields

```
<table>
<thead>
<tr><th>Field</th><th>Value</th></tr>
</thead>
<tbody>
<tr><td>ID</td><td>PPPLP</td></tr>
<tr><td>Description</td><td>Print Partial Pick LP</td></tr>
<tr><td>Applies To</td><td>Document</td></tr>
<tr><td>Request Type</td><td>Print</td></tr>
<tr><td>Label Code</td><td>MIX NEW LPN</td></tr>
<tr><td>For Module</td><td>Warehouse Pick</td></tr>
</tbody>
</table>
```

The handler is created.

To print the partial pick, follow the below steps.

1. Select the Search icon , enter **Sales Orders**, and then choose the related link. The **Sales Orders** page opens.
2. On the action bar, select **New**. The **Sales Order Card** page opens.
3. In the **Customer Name** field, select *Blanemark Hifi Shop*.
4. On the **Lines** FastTab, in the **No.** field, select *L1000*.
5. In the **Quantity** field, enter *12*.
6. On the action bar, select **Create Warehouse Shipment**. The **Warehouse Shipment** page opens.
7. On the action bar, select **Create Pick**. The **Whse. -Shipment – Create Pick** page opens.
8. Select **OK**. The pick is created.
9. Navigate to WMS Scanner.
10. In the WMS app, Select the pick that is created.
11. On the navigation bar, click the manual entry icon. The **Enter barcode** dialog opens.
12. Scan or enter the license plate, *40020000000000150*.



13. Select **ADD**.
14. Select the ellipses icon and then **Print Partial Pick LP**.
15. Select **SUBMIT** button.
16. Navigate to Business Central instance.
17. Select the Search icon, enter **Label Output Files**, and then choose the related link. The **Label Output Files** page opens. The system allows you to print the labels even the pick is not complete instead it is partial through handler. It sends all the processed license plates that are picked to the labelling software.

Note

- This functionality is available only for warehouse picks.
- The system prints all license plates associated with the warehouse pick, even if they were printed earlier.
- Ensure that your labeling software connection is active to enable successful printing.



Walkthrough: Item Info

Article • 7/18/2024 • 2 min read

Item information does not need to be installed as a module in Business Central. It is a standard WMS function to be access from different places.

Required documents to scan: [SILVER-WMS-Inventory](#)

On the scanner

1. Open the WMS App on the scanner and login to Location SILVER_WMS, WMS Silver Warehouse London - Bonded and Tax Paid bins.
2. Scan an Item GTIN, one of the item information barcodes in the SILVER-WMS-Inventory.
3. This opens a list with the total quantity on stock and the quantities per bin for the scanned item.
4. Close the list.

This page can also be reached from within the item list line.

5. Select the **Internal** group.
6. Select the **License Plate Info** module, this opens the document list.
7. **Scan License Plate No.** 4 0010000 000000406 7, first license plate No of the second page in the [SILVER-WMS-Inventory](#).
8. This opens the item list on the scanned License Plate No. All the information of the license plate and its content is shown.
9. Select the **Line Menu**. The line opens up.
10. Select the **Info** button.

Note

This Info Button only works on Item List Lines containing the Item No below the quantity, to the left of the Item Description.

11. Close the list.
12. Close the Item List.
13. Close the document List.



Walkthrough: Bin Content

Article • 7/18/2024 • 1 min read

When looking to the structure of a warehouse, it is imperative we always need to know which item is in which bin. To easily check upon the bin contents a standard WMS function can be accessed from the main menu.

Required documents to scan: [SILVER-WMS-Inventory](#).

On the scanner

1. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins**.
2. **Scan a bin**, one of the bin barcodes, on the left side, in the SILVER-WMS-Inventory.
3. This opens an item list with inventory, on this bin.
4. Close the list.

Note

The Move Button on Item List Lines is not used in WMS. To move items please use the Ad Hoc Movement.



Walkthrough: How to move items around in the warehouse

Article • 7/18/2024 • 6 min read

Of course, we will move pallets to the picking zone, move T-shirts to the picking-per size shelf, and so on. This needs to be free to do on any moment, without strings attached. Expect for strict rules about quarantine, etc.. Please also check:

- [Walkthrough: How to avoid pickings on multiple quarantine and shipping bins](#)
- [Walkthrough: Understanding Bin Exclusivity and other settings specified within your company](#)

Required documents to scan: [SILVER-WMS-Inventory](#) [SILVER-WMS-Bins](#)

Setup

Within the Ad Hoc Movement, we have multiple sub modules to be used. To add your WMS user to have access to the Ad Hoc Movement Sub Module, some setup needs to be in place.

1. Select the Search icon , enter **Locations**, and then choose the related link.
2. Select the **Location** SILVER_WMS.
3. Choose the **Configure WMS** action.
4. Choose the **Modules on Scanner** action.
5. Choose the **Ad Hoc Movement** module. The **Module Settings** opens.
6. Choose the **Sub Module Templates**. The Sub Module Templates list opens.
7. Choose the **New** action.
8. Fill in Line:

WMS User No.	No.	Description	Mode	Sub Module Type	Bin Code
Select your WMS User	WMS User MOVE	Ad Hoc Movement	Alternating Take\Place	Ad Hoc Movement	WMS User Personal Bin

9. Close all pages.



 Note

- No. needs to be unique.
- License Plate No. will be generated, so leave it empty.

Move a License plate

1. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins**.
2. Select the **Internal** group.
3. Select the **Ad Hoc Movement** module, this opens the document list.
4. Select your **Sub Module**.

The first Item Line in your Ad Hoc Movement is the Modus. When no items on your personal bin, the Ad Hoc Movement starts in the Take modus.

5. **Scan License Plate No.** 4 0010000 000000406 7. The License Plate is now moved to your Personal Bin and the Modus is changed to **Place**.
6. Select the **Info** button.

 Note

The Info Button does not work in the Ad Hoc Movement.

7. Scan SO-BULK-21.

The License Plate is now moved from your Personal Bin to the SO-BULK-21 and the Modus is changed to Take.

The movement is registered, to verify the warehouse movements, check the **Warehouse Entries** and the **Detailed Warehouse Entries**. You will discover, the License Plate moves from the take bin to your personal bin, from your personal bin to the place bin.

Move POS Material

1. Scan bin SO-F-01-00.

The bin content of the scanned bin is visible in the lines and the Modus is still Take.

2. Enter 20 in the **Quantity Input**.



3. Long press the item Line for item 5050.

The items are now moved to your Personal Bin and the Modus is changed to Place.

4. Long press the first, Modus, Line. The modus changes to the **Take** Modus.
5. Scan bin SO-F-02-00.

The bin content of the scanned bin is visible in the lines and the Modus is still Take.

6. Enter 10 in the Quantity Input.
7. Scan item 5210. [5210](#)

The items are now moved to your Personal Bin and the Modus is changed to Place.

8. Scan Bin SO-MIX-18. The bin appears above the Quantity Input.
9. Enter 5 in the **Quantity Input**.
10. Long press the item Line for item 5050.

5 pieces of item 5050 are moved to SO-MIX-18. The Modus stays in Place.

11. Scan Bin SO-MIX-19. The bin appears above the Quantity Input.
12. Enter 10 in the **Quantity Input**.
13. Scan item 5210.

10 pieces of item 5210 are moved to SO-MIX-19. The Modus stays in Place.

14. Scan Bin SO-MIX-20.

When only 1 item line on your personal bin, and scanning the bin, the total quantity is moved to SO-MIX-20. Because your personal bin is empty, the Modus changes to Take.

The movements are registered, to verify the warehouse movements, check the **Warehouse Entries** and the **Detailed Warehouse Entries**.

Divide one License plate over 2 bins

1. **Scan License Plate No.** 4 0010000 000000406 7.

The License Plate is now moved to your Personal Bin and the Modus is changed to Place. A License Plate No. can only have contents in one bin, in standard circumstances. So, when dividing a License Plate over 2 bins, it is imperative to have 2 different License Plate Nos. for this we Print a new License Plate No to place the first half of the License Plate.

2. Choose the **Line Menu**. This opens the Line Actions.
3. Choose the Print Action. The New SSCC Label popup opens.



To know more about the popup, check the [Module, Request Forms](#) and [Labels](#).

4. Enter 20.
5. Submit.
6. Enter 20 in the **Quantity Input**.
7. Scan SO-MIX-17.
8. Scan Newly printed License Plate No.

The partially License Plate is now moved from your Personal Bin to the SO-BULK-17 and the License Plate No is changed to the new License Plate No. Because we still have inventory on our personal bin, the Modus stays Place.

9. Scan SO-MIX-16.

When only 1 item line on your personal bin, and scanning the bin, the total quantity is moved to SO-MIX-16. Because your personal bin is empty, the Modus changes to Take.

The movement is registered, to verify the warehouse movements, check the **Warehouse Entries** and the **Detailed Warehouse Entries**.



Walkthrough: Move items in a directed location

Article • 7/18/2024 • 3 min read

In our company we use a location with [Directed Put-Away and Pick](#).

And in the WMS App we use the Whse. Bulk Movement to register the movements.

Required documents to scan:

- [WHITE-WMS-Inventory](#)
- [WHITE-WMS-Bins](#)

Create a movement

1. Select the Search icon , enter **Movement Worksheet** and then choose the related link.
2. Select the **Name** DEFAULT, linked to the **Location** WHITE_WMS.
3. Select the **Calculate Bin Replenishment** action.
4. Enter 1512 in the **Item No.** field.
5. Choose **OK**.
6. Select all lines.
7. Select the **Create Movement** action.
8. Choose **OK**.
9. Close all pages.

Process the Warehouse Movement

1. Open the WMS App on the scanner and login to Location WHITE_WMS, **WMS White Warehouse London - Bonded and Tax Paid bins**.
2. Select the group **Internal**.
3. Select the **Whse. Bulk Movement** module, this opens the document list.
4. Select the first line, this opens the item list.
5. **Scan License Plate No.** 4 0010000 000000173 8.

The License Plate is now selected, not moved. The Modus is changed to Place.

6. Scan WO-TIER-04.

The License Plate is now moved from the take Bin to the place bin and the Modus is changed to Take.



The movement is registered, to verify the warehouse movements, check the Warehouse Entries and the Detailed Warehouse Entries.

7. **Scan License Plate No.** 4 0010000 000000174 5.

The License Plate is now selected, not moved. The Modus is changed to Place.

8. Scan WO-MIX-18 instead of the WO-TIER-04, where you should place the the License Plate.

An Error Message appears, because, in a directed location, you are not allowed to place the License Plate anywhere else, except in the designated place bin. For the same reason you are not allowed to take multiple License Plates and/or items together.

9. Scan WO-TIER-04.

The License Plate is now moved from the take Bin to the place bin and the Modus is changed to Take.

10. Repeat scanning License Plates and the correct bins, until the Warehouse Movement is empty.

11. Choose **Complete, Yes**, to finish the Warehouse Movement.

12. Close the document list.



Walkthrough: Stock counts, including Tracking Enhancements

Article • 7/18/2024 • 5 min read

When having inventory, stock counts are recommended to ensure that there are no irregularities. More information can be found on Count, Adjust, and Reclassify Inventory.

Advanced Online Warehouse Management enhanced the tracking functionalities, added the License Plate Nos, to facilitate the processes.

Required documents to scan:

- [SILVER-WMS-Inventory](#)
- [SILVER-WMS-Bins](#)

Physical Inventory Journal

1. Select the Search icon , enter **Physical Inventory Journals**, and then choose the related link.
2. Select **Batch Name WMS**.
3. Delete all existing lines, if any.
4. Choose the **Adv. Calculate Inventory** action.
5. Turn on the **Calculate By Lot No,Serial No,LP No** toggle.
6. In the **Location Filter** field, select SILVER_WMS.
7. In the **Bin Filter** field, select SO-BULK-05.
8. Choose OK.
9. Select the first line.

On the scanner

1. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins**.
2. Select the group **Internal**.
3. Select the **Stock Count** module, this opens the document list.
4. Select **WMS Scanning Journal**, this opens the item list.
5. **Scan Bin** SO-BULK-05. The bin appears left of the quantity input. The Bin content information is displayed.
6. In [SILVER-WMS-Inventory](#), go to the first label of item 1082.



7. Scan the **Item Information**.
8. Scan the **License Plate No**.
9. The counted quantity in the item line is changed.
10. In the **Quantity Input**, enter 4.
11. In SILVER-WMS-Inventory, go to the second label of item 1082.
12. Scan the Item Information.
13. Confirm the correct quantity, 4.
14. Scan the **License Plate No**.
15. The counted quantity in the item line is changed.

Scanning not expected items or bins into a physical inventory journal.

Standard setup in Stock Count Scanning is not limited, which can be the cause of incorrect information. To counter this you can add setup in Businesses Central.

Check Phys. Invt. setup

1. Select the Search icon , enter **Company Settings (WMS)** and then choose the related link.
2. Check the **Phys. Invt.** FastTab, the **Phys. Inventory Message** and **Phys. Inventory Message Type** fields.
3. Close the page.

Let's scan some incorrect information

1. Select **WMS Scanning Journal**, this opens the item list.
2. **Scan Bin** SO-BULK-04. The Bin content information is displayed.
3. In [SILVER-WMS-Inventory](#), go to the third label of item 1082.
4. Scan the **Item Information**.
5. Scan the **License Plate No**.
6. No, do not confirm the entry for this bin.
7. **Scan Bin** SO-BULK-04. The Bin content information is displayed.
8. In [SILVER-WMS-Inventory](#), go to the third label of item 1082.
9. Scan the **Item Information**.
10. Scan the **License Plate No**.
11. No, do not confirm the entry for this bin.
12. Close the popup.



13. **Scan Bin** SO-BULK-05. The Bin content information is displayed.

In [SILVER-WMS-Inventory](#), go to the first label of item 1012. 42. Scan the **Item Information**. 43. Scan the **License Plate No**. 44. Yes, confirm the entry for this bin. 45. A line of the newly scanned item is added, including the counted quantity. 46. Close the item list. 47. Close the document list.

Physical Inventory Journal

1. Choose the **Show WMS Entries** action. This opens the **Phys. Invt. Entries (WMS)** page.
2. Close the page.
3. Choose the **Update from WMS Entries** action. The lines in the journal are updated with the scanned information, all tracking is assigned.

Now, we can check the list, and if correct, post the journal.



Walkthrough: Setup and processing picks

Article • 3/10/2025 • 24 min read

When setting up picks in your warehouse, you want to find the right balance between speed and control to satisfy the needs in your company.

Different physical characteristics of the warehouse combined with the needs of the customers will lead you to the best way of picking.

Full and Mix Picks

In a Warehouse the handling of full pallets is straightforward. Take the Pallet, put it on the dock, or put it immediately in the truck.

The handling of mix pallets, pallets with smaller quantities of different products on one pallet, mostly picked by hand, is therefore different.

First, we prep the pallet by picking items throughout the warehouse and add them to the pallet. The pallet is put on the dock and when the truck arrives, put on the truck.

Required documents to scan:

- [SILVER-WMS-Inventory](#)
- [SILVER-WMS-Bins](#)

Check the Warehouse shipment

1. Select the Search icon , enter **Warehouse Shipments**, and then choose the related link.
2. Select SH000011, the Warehouse shipment page opens.
3. Check the **Destination No.**, **Destination Address Code**, **Destination Picking Group** fields.

Check the Display Unit of Measure

1. Select the Search icon , enter **Company Settings (WMS)**, and then choose the related link.
2. Check the **License Plating** FastTab, the **Show Lot No.**, **Show Expiration date**, **Show Display Unit of Measure** and **Display format** fields. Hover over a field to read a short description.
3. Close the page.
4. Select the Search icon , enter **Items**, and then choose the related link.
5. Select the Search icon , enter **LPN**.



6. Choose the first **No.**, the **Item** page opens.
7. Check the **Advanced Warehouse Management** FastTab.
8. In the **Display Unit of Measure** field, select PAL.
9. Close the page.
10. Close the list.

Check the picking template

1. Select the Search icon , enter **Warehouse Templates**, and then choose the related link.
2. Filter the **Warehouse Template Group** on 2_FULLMIX.
3. Only 21_FULL and 21_MIX are activated. These picking template lines will create a full pallet warehouse pick and mix pallet warehouse pick for every destination.
4. Choose the **Edit List** action.
5. To avoid a line for each License Plate, deselect the **Split lines per Pick Unit of Measure** field.
6. Close the warehouse template page.

To add a default Warehouse Template group to a warehouse employee, please check [Setting Up Warehouse Employees for Advanced Warehouse Management](#).

Create Warehouse Picks

1. In the Warehouse Shipment, choose the **Create Pick** action.
2. In the **Warehouse Template Group** field, select 2_FULLMIX.
3. Choose OK.
4. Choose the search icon, enter **Warehouse Picks**, and then choose the related link.
5. In the list, for picks with location Code SILVER_WMS, check the **Destination No.**, **Destination Address Code**, **Warehouse Template Group** and **Warehouse Template Code** fields.
6. Select the second Pick, this opens the page.

On the scanner

1. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins**.
2. Select the group **Outbound**.
3. Select the **Pick** module, this opens the document list.



 Note

You can view the shipment bin location while picking items in the warehouse when the **Display Shipment Bin** toggle on the **Journal Setup** FastTab of the **WMS Configuration** page is turned on.

4. Select the second line, this opens the item list.
5. Check the first two lines, item 1012, on the pick.

Explanation *The scanner proposes to first go to Bin SO-BULK-31, take 80 CRATES (2 PAL). Then go to Bin SO-BULK-01. In the picking template the Sorting Method, is FEFO-Exclusivity By Pick Order. So oldest Lot No. first. Always following the bin order behind the action Picking Order. To check, open the bin contents, and check the different bins with item 1012. You will find 80 crates on bin SO-BULK-31 with Expiration date 01/12/24, 800 crates on bin SO-BULK-01 with Expiration date 01/01/25 and 120 crates on bin SO-BULK-31 with Expiration date 01/02/25. To pick 240 crates, we will first pick 80 crates from SO-BULK-01, then 160 crates from SO-BULK-01.*

When checking the pick lines on the scanner we see the Base Unit of measure, which is not always easy on picking.

Add the Display Unit of Measure

1. Select the Search icon , enter **Company Settings (WMS)**, and then choose the related link.
2. Enable the **Show Display Unit of Measure** field.
3. Enter %1 %3 %2 in the field **Display format**.
4. Close the page. *Do remember, we added the Display unit of Measure PAL to the item 1012.*

On the scanner

1. Refresh the screen.

Refreshing the screen on an Android device is done by gently putting one finger on the upper half of the screen and gently move it downwards. Check the Display Unit of Measure in the lines of item 1012.

2. Close the item list.
3. Close the document List.

When checking the Warehouse Shipment lines, we find one destination with the Destination Picking group CHEP. Which means, this customer wants his deliveries on License Plates of the Type CHEP..

How can we accomplice our warehouse employees to take those License Plates types for this customer first? And when thinking about this, it should be nice to not take the License Plate Type CHEP for the other customers, because our other customers are standardly delivered on License Plates of the Type EURO.



Remove the Display Unit of Measure

1. Select the Search icon , enter **Company Settings (WMS)**, and then choose the related link.
2. Enable the **Show Display Unit of Measure** field.
3. Enter %3 %2 in the **Display format** field.
4. Close the page.

Change the picking template

1. Select the Search icon , enter **Warehouse Templates**, and then choose the related link.
2. Filter the **Warehouse Template Group** on 2_FULLMIX.
3. Choose the **Edit List** action.
4. On the line 20_FULL_CHEP, enable the **Active** field.
5. On the line 21_FULL, change the **Sorting Method** field to License Plate Type - FEFO.
6. On the line 21_FULL, select **Transport Unit of Measure** in the **Qty. Display Type** field.
7. Close the picking template page.

Create new picks

1. Select the Search icon , enter **Warehouse Picks**, and then choose the related link.
2. **Delete all picks** with location Code SILVER_WMS.
3. Close the list.
4. In the Warehouse Shipment, choose the **Create Pick** action.
5. In the **Warehouse Template Group** field, select 2_FULLMIX.
6. Choose **OK**.
7. Select the Search icon , enter **Warehouse Picks**, and then choose the related link.
8. In the list, for picks with location Code SILVER_WMS, check the **Destination No.**, **Destination Address Code**, **Warehouse Template Group** and **Warehouse Template Code** fields. Notice, the first pick to have the Picking Template Code 20_FULL_CHEP.
9. Select the first Pick, this opens the page. *In Business Central the Pick lines are identical to the pick we created before.*



On the scanner 58. Select the **Pick** module, this opens the document list. 59. Select the first line, this opens the item list.

In our warehouse we have only 5 License Plates for item 1012 on the License Plate Type CHEP. We need to pick 6 License Plates on CHEP for this customer, so first the CHEP License plates are proposed, the EURO, which can be changed to CHEP before shipping. Using the Transport Unit of Measure, the quantity is also displayed per License Plate.

10. Close the item list.
11. Select the second line, this opens the item list.
12. Check the quantities and unit of measure.
13. Close the item list.
14. Select the last line, a mix pick, this opens the item list.
15. Check the quantities and unit of measure.
16. Close the item list.

The full License Plate pick

1. Select the first line, this opens the item list.
2. Scan the License Plate No. 4 0010000 000000426 5.
3. The **quantity** in the item line is reduced by the picked quantity.
4. Repeat scanning the last 2 pages of the labels.
5. The **quantity** in the item line is every time reduced by the picked quantity. When all quantity is picked for a line, the line will disappear from the list. You end up only having to pick 2 License Plates.
6. Scan the License Plate No. 4 0010000 000000401 2.
7. Scan the License Plate No. 4 0010000 000000381 7. All License Plates are picked.
8. Choose **Complete, Yes**, to finish the Pick.

The Mix pick

Before starting the pick some explanations about the operating procedure and the setup.

One license Plate can never be in 2 bins on the same moment. What means when picking items from one License Plate No., we will move them to another License Plate No., also referred to as a Mixed Label or Mix License Plate.

Or we move them to Full License Plate No. for the same Warehouse Shipment, Destination No. and Destination Address Code. E.g.: adding T-shirts to a full license plate of crates.

The workflow:



- Print a new mixed label
- Scan the mixed label as your destination license plate
- Pick the items

Check Setup

1. Select the Search icon , enter **Warehouse Templates**, and then choose the related link.
2. Filter the **Warehouse Template Code** on 21_MIX.
3. Check the **Sorting** Method.
4. Select the Search icon , enter **Locations** and then choose the related link.
5. Select the **Location** SILVER_WMS.
6. Choose the **Bins** action.
7. Choose the **Search** action, enter MIX.
8. Check the **Auto FEFO Pick** field to have **All Content** in all the mix bins. This indicates, no matter how many different lot No's of the item in the bin, when scanning the bin we will automatically pick the oldest Lot No, first, etc...
9. Select the dropdown of the **Picking Group** field, the dropdown opens.
10. Select from full list.
11. Notice the **Quick Pick Confirmation** field is enabled. This will trigger a quantity confirmation when picking in this bin group.
12. Close the Bins list.
13. Close the Location Card.
14. Close the Locations list.

Note

- To be able to use the Quick Pick Confirmation functionality in the mix picks, following setup is imperative:
- Enable the Quick Pick Confirmation field in the relevant Bin groups.
- Select All Content in the Auto FEFO Pick field in the relevant mix bins.
- Enable the Active field on the line with Get Whse Item Quantity in the Resolver field of the Module Validations.



On the scanner

1. Select the third line, this opens the item list.
2. Select the document Menu.
3. Select **Create Mix Label**.
4. Submit. A mix label is printed.
5. Select the document Menu.
6. Select **Destination Plate**.
7. Scan the **License Plate No.** from the printed label. The Destination Plate is displayed above the Quantity Input.

As we learned from the setup the bins to pick from are All Content Auto FEFO Pick.

8. Scan the bin SO-MIX-01.
9. Confirm the Quantity.
10. The **quantity** in the item line is every time reduced by the picked quantity. Because we picked the total quantity of the line, the line is disappeared from the list.

Check the Pick

1. Select the Search icon , enter **Detailed Warehouse Entries**, and then choose the related link.
2. Check the license plates on the first 2 lines in the list. The items are picked from the license plate in the bin and put on the mixed pallet license plate.
3. Close the Detailed Warehouse Entries list.

On the scanner

1. Scan the bin SO-MIX-02.
2. Confirm the Quantity.

Because our first Mixed Pallet is finished, we create a second one.

3. Select the document Menu.
4. Select **Create Mix Label**.
5. **Submit**. A mix label is printed.
6. Select the document Menu.
7. Select **Destination Plate**.



8. Scan the **License Plate No.** from the printed label. The New Destination Plate is displayed above the Quantity Input.
9. Scan the bin SO-MIX-04.
10. Confirm the Quantity.
11. Scan the bin SO-MIX-05.
12. Confirm the Quantity.
13. Choose **Complete, Yes**, to finish the Pick.

Note

Auto FEFO Pick is not the most accurate way of picking, but the most common in the pick zone. It is possible the warehouse employee takes lot 2 and the scanner auto FEFO registers Lot 1. In most pick zones only 1 Lot No is in the bin, and if returns, those lot nos are put in front, so warehouse employee should take this first. Auto FEFO Pick works on the bin and all License Plates in this bin. When picking Full License Plates, never use Auto FEFO Pick bins.

14. Open all other picks and pick.

When encountering a BULK Bin to pick from in a Mix Pick, please first move 1 License Plate from the BULK to the MIX bin, as it would be in a real warehouse.

When encountering a Mix Pick existing out of T-Shirts and Glasses, add those item to one of the picked Ful License Plates for this destination (Deerfield Drinks). For this you can check the License Plate List.

15. When a pick is finished, choose **Complete, Yes**.
16. Close the document list.



Walkthrough: Confirm loading the truck

Article • 7/18/2024 • 3 min read

Before we let the truck drive off, we want to be sure we put all the License Plates on the truck. Advanced Warehouse Management will always warn when not all license plates do not have the Status Loaded License Plate on the moment we post the Warehouse Shipment.

To run this walkthrough, it is required to completely finish all the picks of the Walkthrough: Setup and processing picks first.

Post the Warehouse shipment

1. Select the Search icon , enter **Warehouse Shipments**, and then choose the related link.
2. Select SH000011, the Warehouse shipment page opens.
3. Check the Warehouse Shipment Lines if all values in the **Qty. to Ship** field are equal to the values in the **Quantity** field. If not please finish the Walkthrough: Setup and processing picks first.
4. Choose the **Post Shipment** action.
5. A remark pops up, *One or more pallets do not have the Status LOADED! Continue?* Click **No**.
6. To check which License Plates do not have the status LOADED, choose the **Open Record** action, in the **Pallets** field. This opens the **License Plate List**, filtered on the current Warehouse Shipment.
7. Close the License Plate List.

On the scanner

1. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins**.
2. Select the **Outbound** group.
3. Select the **Shipment Load List** module, this opens the document list.
4. Select the first line, this opens the item list.
5. Scan the License Plate from the first line. The line disappears from the list.
6. Scan License Plate 4 0010000 000000331 2. You are warned, this License Plate is not for this list, to avoid putting incorrect License Plates on the truck.



Check the Warehouse shipment

1. Choose the **Open Record** action, in the **Pallets** field. This opens the **License Plate List**, filtered on the current Warehouse Shipment.
2. Check the License Plate List.
3. Close the License Plate List.

On the scanner

1. Confirm all the License Plates on the Shipment Load List.
2. When the list is empty, all License Plates are confirmed, choose **Complete**, and then click **Yes**.
3. Close the document list.

Post the Warehouse shipment

1. In the Warehouse Shipment, choose the **Post Shipment** action.



Walkthrough: Confirm on every place identity

Article • 7/18/2024 • 16 min read

Some companies do need more registrations within their warehouse.

In the pick, we scan the LPN or bin and/or item info, to register the pick from the bin we scanned to the shipping bin on our Warehouse Pick. In some warehouses we have multiple picks to multiple docks done by multiple employees, occasionally interim employees, etc.

When loading a truck, we can scan the License Plates loaded in the truck. But is it the correct truck?

To check upon these place identities, we can add extra controls, setup and used in this walkthrough. The Place Identities we can check upon are **Shipment bin** and **Shipping agent**, and when Drink-IT Logistics installed, it is also to check upon the **Dock** and the **Truck** or **Trailer** instead.

The License Plate Status flow

Every license Plate has a status, these can be found in the [Advanced Warehouse Management Setup](#) in a standard sales outbound process the used statuses are:

- **OPEN:** An inventory License Plate
- **PICKED:** A License Plate, picked and placed on the shipment bin
- **LOADED:** A License Plate, loaded on the truck
- **SHIPPED:** A License Plate, from a posted Warehouse Shipment

In a sales outbound process with extra checks on the place identities, we will add some statuses in the flow. The statuses in the flow become:

- **OPEN:** An inventory License Plate
- **PICKED:** A License Plate, picked and placed on the shipment bin, waiting for confirmation of the shipment bin or dock.
- **TOLOAD:** A License Plate, picked, shipment bin or dock confirmed and ready to be loaded.
- **LOADING:** A License Plate, in the process of loading, waiting for confirmation of the Shipment Agent, truck or trailer.
- **LOADED:** A License Plate, Shipment Agent, truck or trailer confirmed, loaded on the truck
- **SHIPPED:** A License Plate, on a posted Warehouse Shipment



Setup

To add the confirmation on the Shipment bin when picking 1. Select the Search icon , enter **Warehouse Templates**, and then choose the related link. 2. Filter on the **Warehouse Template Group 4_FM_CHECK**. 3. Check the value in the **Transport Validation Type** field. *This is the entity we want to be confirmed in the pick.* 4. Close the page. 5. Select the Search icon , enter **Transport Validation Tables**, and then choose the related link. 6. Check the values in the Transport Validation Type line. 7. Close the page. *In this table, we find the values to look within a table to be sure the value is genuine and to define the License Plate Status after confirmation. To only been able to check upon bins, which are actual shipping bins, we check:* 8. Select the Search icon , enter **Locations**, and then choose the related link. 9. Select the **Location SILVER_WMS**. The Location page opens. 10. Choose the **Bins** action. 11. Filter the **Is Shipping Bin** field to Yes. 12. Close all pages. *To check upon the correct value, we check:* 13. Select the Search icon , enter **Logistic Statuses**, and then choose the related link. 14. Filter on the **Code TOLOAD**. 15. Check the value in the **Handle License Plate Transport** field. *By enabling this field, a mandatory correct transport validation, in this case the shipping bin, is necessary before accepting you to go to the next step on the scanner, scanning another license plate or finishing the pick.*

How to create a check on the next step, loading?

Once the item is picked and we confirmed the Shipment bin, the License Plate Status becomes TOLOAD. If we do not change any setup, we can process the Shipment Load List by only scanning every License Plate No., we put on the truck, without confirming anything. In this walkthrough, we will add the setup to confirm the shipping agent when loading the License Plates.

16. Choose the **Edit List** action.

17. Choose **Shipping Agent** in the **Next Transport Validation** field.

18. Filter on the **Code LOADED**.

19. Enable the **Handle License Plate Transport** field.

20. Filter on the **Code LOADING**.

21. Enable the **Show On Load List** field.

To show License Plates without Shipping agent confirmation on the load list until you scanned the Shipping Agent.

22. Close the page.

23. Select the Search icon , enter **Transport Validation Tables**, and then choose the related link.

24. On the **Transport Validation Tables** page, choose the **New** action.

25. Fill in line:

Code	Table-ID	Field No. To Validate	View	Status
SHIPAGENT	291	1	ORDER(ASCENDING)	LOADED

1. Close the page.



2. Select the Search icon , enter **Shipping Agents**, and then choose the related link.
3. In the **Transport Validation Type** field of all lines, select Shipping Agent.
4. Close the page.

Sales Order to Warehouse picks.

1. Select the Search icon , enter **Sales Orders**, and then choose the related link.
2. Select 1527, the **Sales Order** page opens.
3. Choose the **Release** action.
4. Close the sales order.
5. Select 1528, the **Sales Order** page opens.
6. Choose the **Release** action.
7. Choose the **Create Warehouse Shipment** action, the **Warehouse Shipment** page opens.
8. Choose the **Get Source Documents** action. The **Source Documents** page opens.
9. Select the **Shipment Date** of Sales Order 1257. The lines of this Sales Order are added to the Warehouse Shipment.
10. Choose the **Create Pick** action.
11. In the **Picking Template Group** option, select 4_FM_CHECK.
12. Choose **OK**.
13. Check the Bin in the Warehouse Shipment Header.
14. In the **Shipping Agent Code** field, select DHL. *When using Routes in Drink-IT Logistics add the Shipping Agent to the Route Planning No. in the Route Planning Worksheet*

On the scanner

The full pick

44. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins**.
45. Select the **Outbound** group.
46. Select the **Pick** module, this opens the document list.
47. Select the first line, this opens the item list.
48. Scan License Plate 4 0010000 000000411 1.
The quantity in the item line is every time reduced by the picked quantity. When all quantity is picked for a line, the line will disappear from the list.
49. An instruction appears to scan the shipment bin.



Let's suppose you drive to the wrong shipment bin with your pallet.

50. Scan SO SHIP-TP-02, an error message forces you to scan the correct shipping bin. Close the error message.

You don't mind and go out to get the next pallet.

1. Scan the next License Plate No, an error message forces you to scan the correct shipping bin. Close the error message.

In the full pick it is mandatory to scan the confirmation after every pick, what means, you take a pallet, drive off to the correct shipment bin, you scan the shipment bin.

2. Scan SO SHIP-TP-01, the scanner is ready for the second License Plate.
3. Scan License plates for all items and confirm the shipping bin.

When scanning from labels on a paper, and not real labels on pallets in a warehouse, it is possible to scan a label, which is not in your warehouse anymore, you will get the appropriate Business Central error message, because the pallet is not in the bin content anymore.

4. Choose **Complete, Yes**.

The Mix Pick

1. Back in the document list, select the first line, this opens the item list.
2. Select the document Menu.
3. Select **Create Mix Label**.
4. **Submit**. A mix label is printed.
5. Select the document Menu.
6. Select **Destination Plate**.
7. Scan the **License Plate No.** from the printed label. The Destination Plate is displayed above the Quantity Input.
8. Scan Bin SO-MIX-01, confirm the quantity. *The quantity in the item line is every time reduced by the picked quantity. When all quantity is picked for a line, the line will disappear from the list.*
9. An instruction appears to scan the shipment bin.

In a mix bin it is possible you add multiple items to a mixed license plate. It is not necessary to scan the shipping bin after each pick. You only need to scan the shipment bin, when placing the license plate on the shipment bin. You are not allowed to exit the pick before scanning the shipment bin.

10. Scan Bins and/or License plates and/or item information to pick all items.
11. All lines are gone, choose **Complete**.
12. A popup appears to scan the shipment bin, choose CANCEL.
13. Choose the back arrow.



14. A popup appears to scan the shipment bin.
15. Scan SO-SHIP-TP-01.
16. The instruction is gone, choose **Complete**, and then click **Yes**.
17. Close the document list.

The Shipment Load List

1. Select the **Shipment Load List** module, this opens the document list.
2. Select the first line, this opens the item list.
3. Scan License Plate 4 0010000 000000331 2. You are warned, this License Plate is not for this list, to avoid putting incorrect License Plates on the truck.
4. Scan License Plate 4 0010000 000000411 1.
5. An instruction appears to scan the shipping Agent.
6. Long press the first line in the Shipment Load List, an error message forces you to scan the correct shipping agent. Close the error message.
7. Scan DHL, if no barcode for DHL, enter DHL, using the Input field.
8. The instruction disappears.
9. Scan License plates for all lines and confirm the shipping agent.
10. Choose **Complete**, and then click **Yes**.

On the Warehouse Shipment

1. Choose the **Open Record** action, in the **Pallets**. This opens the License Plate List, filtered on the warehouse shipment.
2. Check the License Plate Status.
3. Choose the **Open Record** action, on the **No**. This opens the License Plate Page.
4. Check the Confirmed Transport Validation Type and Code.
5. Close the page.
6. Close the list.
7. Choose the **Post Shipment** action.



Walkthrough: Shipping returnable empty goods to the vendor

Article • 7/18/2024 • 16 min read

Today vendor 95820 Mortimor Brewery LPN delivers an order. At the same time, they would like to take empty kegs back to their brewery.

The process to return Returnable items (Empty goods) includes a registration and an administrative Process

To register, we use the Returnable Items Module on the scanner. In the Purchase Order we import the registered returnable items and their quantities.

Note

The returnable items are always processed through a Purchase or Purchase Return order, so one of those orders is mandatory.

Setup

The setup consists of standard views, items, vendors and locations.

To view an accurate list of items and suppliers in the Returnable Item Journal, we need to use standard views.

Check Standard views

1. Select the Search icon , enter **Standard views**, and then choose the related link.
2. On the **Standard views** page, check the entries about returnable items. Hover over the fields to read the short descriptions. Select the assist buttons to check out the view and the filter.

Check Adv. Warehouse Setup

3. Select the Search icon , enter **Adv. Warehouse Setup**, and then choose the related link.
4. On the **Adv. Warehouse Setup** page, check the entries on the **Returnable Items** FastTab. Hover over the fields to read the short descriptions.

Check Items

5. Select the Search icon , enter **Items**, and then choose the related link
6. Select item 9530, to open the item card.
7. On the **Item** page, check the **Is Empty Good** field, the field used in the standard view filter.



Check Vendors

8. Select the Search icon , enter **Vendors**, and then choose the related link.
9. Select vendor 95820, to open the vendor card
10. On the **Vendor** page, check the **Empty Goods Business Group** field, the field used in the standard view filter.
11. Choose the **Recurring Purchase Lines** action. The **Recurring Purchase Lines** page opens.
12. Select the line with Code 95820.E.
13. Choose the **Card** action. The Standard **Purchase Code Card** page opens

Note

The Unit of Measure Code in the lines is the Unit of Measure Code, which will be used in the Returnable Item Journal. It is not allowed to have multiple lines for one item.

Check the Location in which you will process empty goods and/or returnables.

14. Select the Search icon , enter **Locations**, and then choose the related link.
15. Select **Location** SILVER_RET. The Location page opens.
16. On the Location page, check the fields in the **Warehouse** and in the **Advanced Warehouse Management** FastTabs.
17. Choose the **Bins** action. The **Bins** page opens.
18. Check the bins and the **Is Returnable Bin** field.

The returnable items are always loaded from the **Is Returnable Bin** bins to the **Default Advanced Purchase Return To Bin** bin on the location.

Note

The Code of these bins should be unique in the environment.

19. Close the Bins page, return to the **Location** page.
20. Choose the **Warehouse Employees** action. The **Warehouse Employees** page opens. Check the page.
21. Close the Warehouse employees page, return to the **Location** page.
22. Close the **Location** page.
23. Select Location SILVER_WMS. The **Location** page opens.
24. On the **Location** page, check the **Returnable Item Location Code** field in the **Advanced Warehouse Management** FastTab.



25. Choose the **Configure WMS** action.
26. Choose the **Modules on Scanner** action.
27. Select the **Returnable Items** module. The module page opens.
28. Check the module settings page.
29. Close all pages.

Workflow

The process can only start when a Purchase Order is created. The loaded returnable items, to return to the vendor, need to be registered.

Purchase Return order

1. Select the Search icon , enter **Purchase Return Orders**, and then choose the related link.
2. On the **Purchase Return Orders** list, check the orders 1002 and 1003 on vendor 95820.
3. Select 1003, this opens the Purchase Return Order.

Register Returns for this purchase order on the scanner

4. Open the WMS App on the scanner and login to Location SILVER_WMS, **WMS Silver Warehouse London - Bonded and Tax Paid bins**.
5. Select the **Outbound** group.
6. Select the **Returnable Items** module, this opens the document list.
7. Select the last line, this opens the item list.
8. Select the Order 1003, by long press on the line. In the lines we see the returnable items available for this vendor.
9. In the **Quantity Input**, enter 2.
10. Long press the relevant line. 2 Pallets are added to the truck.
11. Scan the item 9530.
12. An error occurs because we did not enter a quantity.

Our employees apply a label to all returnable item pallets with the Item No., which is easy, they scan every pallet loaded on the truck. It is a pity not being able to scan the Item No.

Let's change some setup

13. Select the Search icon , enter **Locations** and then choose the related link.
14. Select the **Location** SILVER_WMS. The Location page opens.



15. Choose the **Configure WMS** action.
16. Choose the **Modules on Scanner** action.
17. Select the **Module** Returnable Items. The Module page opens.
18. In the **Default Quantity** field, enter 1
19. Close all pages, until you reach the Purchase Return Order.

On the scanner

20. Close the error message.
21. Long press the first line, **BACK**.
22. Select the back arrow.
23. Select the last line, this opens the item list. This item list shows you the different Orders to scan the returnables on. If only one order is available, this list is not shown.
24. Select the Order 1003, by long press on the line. The default Value in the **Quantity Input** field is no 1.
25. Scan the item 9530. The quantity is added to the quantity in the item line.
26. Scan the item 9530. The quantity is added to the quantity in the item line. But it was a mistake, can I rectify it?
27. In the **Quantity Input**, enter -1.
28. Scan the item 9530. The quantity is subtracted to the quantity in the item line.
29. Choose Complete, **Yes**.

Purchase Return Order

30. On the **Purchase Return Order** page, choose the **Get Returnable Items** action.
31. Check the added line.
32. Close all pages.



Business process walkthroughs-WMS suite

Article • 3/17/2026 • 1 min read

This selection of walkthrough provides step-by-step, end-to-end business processes that you can perform using the Demo WMS on CRONUS demonstration company. For more information, see [Installation steps](#)

Note

- Create a copy of this company to keep your Demo WMS on CRONUS in the original state. In the copy you can do all the exercises that are included in the walkthroughs.
- 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 it (VAT, excises, language, and so on). They are all based on the Business Central cronus company for that country. For that reason, names and codes in your Demo WMS on CRONUS 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.

Labels

To run through the walkthroughs of warehouse management system, you will need the barcodes of the items in inventory and the barcodes of the bins of the various locations.

Below are the PDFs containing the barcodes:

- [WMS-Bins](#)
- [WMS-Inventory](#)

Note

Always open PDFs in an appropriate app before scanning, so you have an adequate resolution of the barcodes. After scanning barcodes in processes where the bin has changed, highlight the barcodes to indicate they have been used.

See also

[Copy a company.](#)

To

See



Create warehouse put-away templates	Warehouse put-away templates and guidance
Create direct put-away	Direct put-away



Walkthrough: Warehouse put-away templates and guidance

Article • 12/20/2024 • 17 min read

This walkthrough explains how the Warehouse put-away templates are used to guide in put-away process. Ensure the following set up are made.

1. On the **WMS Configuration** page, on the **Journal Setup** FastTab, turn on the **Put-Away Template Guidance** toggle.
2. On the **Bin Contents** page, in the **Location Filter** field, select **WMS**.
3. Select all the lines
4. On the action bar, select **Actions > Update Put-Away Capacity** action.
The **Update Put-Away Capacity** page opens.
5. In the **Bin Code** field, a value according to the selected lines is entered. For example, *WM-A-01-00-WM-MIX-05*.

The bin contents with the configuration as described in the [Update put-away capacity for bins](#) section are updated. The **Put-Away Available Capacity** and **Put-Away Available Weight** for other bin codes fields are updated with 0.

Consider we have four items, L1000, L1900-S, L1908-S, and L1600 in the warehouse that involves put-away activity and assume the configurations are made in the respective set up pages.

6. Select the Search icon , enter **Purchase Orders** and then select the related link.
The **Purchase Orders** page opens.
7. On the action bar, select **New**.
The **Purchase Order** page opens.
8. In the **Vendor Name** field, select *61000, Electronics Maintenance supplies Ltd.*
9. In the **Location Code** field, enter **WMS**.
10. On the **Lines** FastTab, enter the field values as follows:

No.	Quantity	Unit of Measure Code
L1000	8	PALLET
L1900-S	2	PALLET
L1908-S	8	PALLET
L1600	4	PALLET

11. On the action bar, select **Create Whse. Receipt**.
The **Warehouse Receipt** page opens.



12. Navigate to the line with item number *L1000* and then select the **Item Tracking** field to assign item tracking details.

The **Item Tracking Lines** page opens.

13. Enter the fields as follows:

Lot No.	Expiration Date	Quantity (Base)
T0001	8-8-2027	32

14. Select **Close**.

15. On the **Warehouse Receipt** page, on the **Lines** FastTab, select **Line** > **License Plate Tracking**.

The **License Plate Reservation Entries** page opens.

16. On the action bar, select **Assign Plate Numbers**.

The license plate numbers are assigned.

17. In the **Type** field, update the last four lines with *CHEP*.

18. Select **Close**.

19. On the **Warehouse Receipt** page, navigate to the line with item number *L1900-S*, and on the **Lines** FastTab, select **Line** > **License Plate Tracking**.

The **License Plate Reservation Entries** page opens.

20. On the action bar, select **Assign Plate Numbers**.

The license plate numbers are assigned.

21. Select **Close**.

22. On the **Warehouse Receipt** page, navigate to the line with item number *L1908-S*, and then select the **Item Tracking** field to assign item tracking details.

The **Item Tracking Lines** page opens.

23. Enter the fields as follows:

Lot No.	Expiration Date	Quantity (Base)
T0002	24-6-2028	96
T0003	30-6-2028	96

24. Select **Close**.

25. On the **Warehouse Receipt** page, on the **Lines** FastTab, select **Line** > **License Plate Tracking**.

The **License Plate Tracking Entries** page opens.

26. On the action bar, select **Actions** > **Open Plate Numbers**.

The **License Plate Reservation Entries** page for the selected lot opens as there are multiple lots assigned for the item.



27. On the action bar, select **Assign Plate Numbers**.

The license plate number is assigned.

28. Select **Close**.

29. On the **Warehouse Receipt** page, navigate to the line with item number *L 1600*, and then select the **Item Tracking** field to assign item tracking details.

The **Item Tracking Lines** page opens.

30. Enter the fields as follows:

Lot No.	Expiration Date	Quantity (Base)
T0004	24-4-2027	4800
T0005	20-5-2078	1600

31. Select **Close**.

32. On the **Warehouse Receipt** page, on the **Lines** FastTab, select **Line > License Plate Tracking**.

The **License Plate Tracking Entries** page opens.

33. On the action bar, select **Actions > Open Plate Numbers**.

The **License Plate Reservation Entries** page for the selected lot opens as there are multiple lots assigned for the item.

34. On the action bar, select **Assign Plate Numbers**.

The license plate number is assigned.

35. Select **Close**.

36. On the action bar, select **Post Receipt**.

You will receive a notification confirming the posting and the number of put-away activities created.

37. Select **OK**.

The **Warehouse Put-Away** page opens.

You can view the details of the warehouse put-away created for the selected items.

Guidance and registration in put-away module

WMS scanner

1. Navigate to the WMS scanner and select **Put-Away** tab to view the details.

2. Open the last put-away (PU000003).

It displays the lines based on the **Lot No.** field assigned and each item can have multiple lines.

For example,

i) Item L1000 has been assigned with one lot number (T0001) and it has one line.

ii) Item L1900-S has been assigned with two lot numbers (T0002 and T0003) and it has two lines.



Check warehouse template setup

1. On the **Warehouse Templates** page, on the action bar, select **Process Order**.

The **Warehouse Template Process Order** page opens.

2. On the action bar, select **Put Away Guidance**.

The **Put Away Guidance** page opens.

The guidance to the bins are provided for each item based on the **Sequence**, **Put-Away Mode**, and **Guide to / Check On** field values.

For example, if the put-away guidance has the following values:

Sequence	Put-Away Mode	Guide to / Check On
0	Guidance	Same Item and Lot No.
2	Guidance	Empty Bin
4	Confirm Check	Empty Bin
5	Blocked Check	Same Item

For item *L1000*, the system search for bins with same item (L1000) and Lot No.(T0001) combination in bins, if no matches are found, it will move to the next sequence, and look for the available empty bin and it suggests to put away the item to it.

For item *L1900S*, the system first search for same item (L1900S) and the lot number. Since this item has not been item tracked, you will be guided to the first bin inventory and put-away available capacity.

Similarly, it guides for other items.

3. Check the guidance on the scanner and compare it with the bin contents and put-away guidance rules.
4. Check both lines for item, *L1908-S*, on the scanner.
5. Scan the bin WM-BULK-06, where you want to put the license plate.

The bin WM-BULK-06 appears on the scanner.

6. Scan the license plate number, 800200000000000998.

A confirmation message appears on the scanner as we have *Confirm Check* in the sequence when an empty bin is selected on the **Put-Away Guidance** page.

7. Select **Yes**.

The put-away process of the license plate is completed and can be viewed on the scanner. Verify the quantity and bin (guidance) for item, L1908-S with lot number, T0003. This is also registered on the **Warehouse Entries** and **Detailed Warehouse Entries** pages.

On the **Bin Contents** page, an entry is created associated with it.



8. Close the put-away.

Guidance and registration in warehouse bulk put-away module

1. Navigate to the WMS scanner and select the **Whse. Bulk Put-Away** tab to view the details.
2. Open the last put-away (PU000003).
3. Check both lines for item, *L1908-S*, on the scanner. Consider, for item *L1908-S*, one bin (WM-BULK-06) with inventory for Lot No. T0003 exists, so the line for this lot number will be guided to WM-BULK-06. The other line will be directed to the first applicable empty bin (WM-BULK-05).
4. Scan the license plates, 800200000000000967 and 800200000000001001.



Two license plates were taken on the forklift, and two selected license plates are visible.

5. To put away the license plates, scan the bin WM- BULK-06.



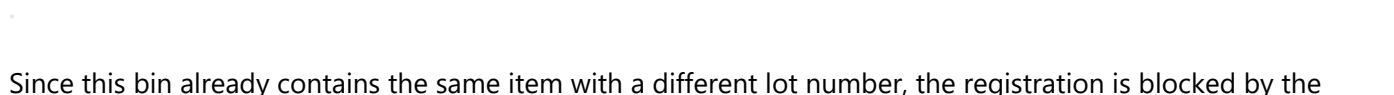
A notification message is displayed indicating that placing multiple license plates with multiple items or lot numbers in the same bin in a single movement is not allowed when using put-away templates.

6. Scan the license plate 800200000000001001.



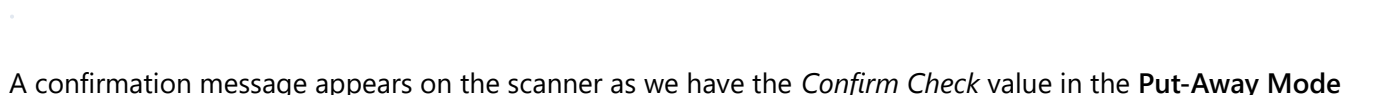
It is deselected.

7. To put away the license plates, scan the bin WM- BULK-06.



Since this bin already contains the same item with a different lot number, the registration is blocked by the *Blocked Check* value in the **Put-Away Mode** field when a bin is selected for the same item (different Lot No.) on the **Put-Away Guidance** page.

8. To put away the license plates, scan the bin WM- BULK-07.



A confirmation message appears on the scanner as we have the *Confirm Check* value in the **Put-Away Mode** field when an empty bin is selected on the **Put-Away Guidance** page.

9. Select **Yes**.

The put-away process for the license plate is completed and can be viewed on the scanner. The registered license plate is no longer visible, and the next license plate is selected. This is also updated on the **Warehouse Entries** and **Detailed Warehouse Entries** pages.

On the **Bin Contents** page, an entry is created associated with it.

10. To put away the license plates, scan the bin WM- BULK-06.



The put-away for both license plates is now registered. This is also updated on the **Warehouse Entries** and **Detailed Warehouse Entries** pages. Additionally, the **Bin Contents** page displays the updated put-away templates.



Walkthrough: Direct put-away

Article • 3/18/2025 • 39 min read

This walkthrough explains how to use direct put-away to receive and put away items in a single process on the scanner by using the **Take** and **Place** screens.

Your warehouse receives items from multiple vendors around the world. Vendors may provide different types of pallet information. Some vendors include full labeling with license plate numbers, while others provide only expiration dates or details from the bill of lading.

To maintain consistency in the warehouse, you label all pallets with your own internal labels when the items are received. This approach ensures that every pallet has a standardized label that can be scanned, which helps improve warehouse efficiency.

[!NOTE] The direct put-away module supports only license plate tracked items.

Setup

You must complete the required setup before you can use the direct put-away process in the warehouse.

Direct put-away module

1. Select the Search icon , enter **Locations**, and then select the related link.

The **Locations** list page opens.

2. Select the *WMS* location.

The **Location Card** page opens.

3. Select the **Configure WMS** action.

The **WMS Location Card** page opens.

4. On the action bar, select **Modules on Scanner**.

The **Modules on Scanner List** page opens.

5. Select the **Direct Put-Away** module.

The **Module Settings Card** page for WMS direct put-away opens.

When you work in a non-standard WMS test environment with the latest version, it is recommended to create the default configuration.

Note

If you are working in an existing environment, create a backup or copy the current setup before you use the **Create Default** action.



You can execute the **Create Default Postback Fields** action to update the postback fields and the **Create Default Validations** action to update the validations.

To review the configuration, follow these steps:

6. Select the **Postback Fields** action to open and review the postback fields.
7. Select the **Validations** action to open and review the validations.
8. Select the **Sub Module Templates** action to open the **Sub Module Templates** page.
9. Change the **Mode** field value to *Take*.

The direct put-away process, similar to ad hoc movement, uses the **Take** and **Place** actions to move items.

- Use the **Take** action to pick up items and place them on the forklift when moving items or on the receipt dock floor when receiving items.
- Use the **Place** action to put the items in the destination bin.

The **Mode** setting determines how the **Take** and **Place** modes are used in ad hoc movement. The following modes are available:

- **Selected**: The **Ad Hoc Movement** module opens in the mode that was last used. To change the mode, long-press the mode line on the scanner.
- **Take**: The **Ad Hoc Movement** module always opens in the **Take** mode. To change the mode, long-press the mode line on the scanner.
- **Place**: The **Ad Hoc Movement** module always opens in the **Place** mode. To change the mode, long-press the mode line on the scanner.
- **Alternating Take/Place (used with alternating count)**: The **Ad Hoc Movement** module opens in the mode that was last used. The system automatically switches from the **Take** to **Place** mode after the number of registrations specified in alternating count is reached. This option is useful when you operate a double or quad forklift for pallet storage. If alternating count is set to *0*, the system switches to the **Place** mode after the first registration, which behaves the same as when the value is *1*. The system automatically switches from the **Place** to **Take** mode when no items remain in the **Place** mode.
- **Fixed Take**: The module always opens in the **Take** mode, and you cannot change the mode.
- **Fixed Place**: The module always opens in the **Place** mode, and you cannot change the mode.

Unless the mode is fixed, you can switch between the **Take** and **Place** modes by long-pressing the mode line on the scanner.

Bins

1. Select the Search icon , enter **Locations**, and then select the related link.
The **Locations** list page opens.



2. Select the *WMS* location.
The **Location Card** page opens.
3. On the action bar, select **Bins**.
The **Bin List** page opens.
4. Filter the list on *K-3* code. Check the **Execute Print Direct Put Away** field value. If needed, personalize the page.

As explained in this flow, you create new lot numbers based on the expiration date for all items when they arrive. To support this process, you review and update the setup for certain items.

Item L1000: LPN and item tracked (Production)

1. Select the Search icon , enter **Items**, and then select the related link. The **Items** list page opens.
2. Select the *L1000* item. The **Item Card** page opens. On the **Advanced Warehouse Management** FastTab, verify that the **License Plate Tracking Code** field value is set to *ALL*. This setting requires the use of a license plate for both inbound and outbound warehouse flows.
On the **Warehouse Management System** FastTab, verify that the **License Plate Generation** field value is set to *Always*. On the **Item Tracking** FastTab, verify that the **Item Tracking Code** field value is set to *LOTALL*. In this configuration, the **Warehouse Management System** FastTab in the item tracking code setup defines the number series value in the **Lot No. Generation** field. On the **Item Tracking** FastTab, verify the value in lot numbers. This number series is used to generate the lot numbers. Additionally, verify the expiration calculation. This date formula is used to calculate the expiration date when the items are received.
3. Select the units of measure. The **Item Units of Measure** page opens.
Verify that the quantity per unit of measure is correctly defined for the *PALLET* code.
4. Close all open pages.

As a result, when this item is received, the system automatically calculates the expiration date based on the expiration calculation, generates a lot number based on the lot number generation setup in the item tracking code, and creates license plate numbers according to the **Full License Plate Qty.** field configuration.

Item L1900-S: Only LPN tracked (Purchase)

1. Select the Search icon , enter **Items**, and then select the related link. The **Items** list page opens.
2. Select *L1900-S* item. The **Item Card** page opens.
On the **Advanced Warehouse Management** FastTab, verify that the **License Plate Tracking Code** field value is set to *ALL*. This setting requires the use of a license plate for both inbound and outbound warehouse flows. On the **Warehouse Management System** FastTab, review the **License Plate Generation** field value. The value is initially blank.
3. Change the **License Plate Generation** field value to *Always*.



4. Change the **Print Set** field value to *LICENSE PLATE*.

On the **Item Tracking** FastTab, verify that the **Item Tracking Code** field value is blank. This means that lot numbers are not required for this item.

5. Select the units of measure. The **Item Units of Measure** page opens. Verify that the quantity per unit of measure is correctly defined for the PALLET code.
6. Close all open pages.

Because this item does not use item tracking, the system generates license plate numbers based on the **Full License Plate Qty.** field configuration.

Item L1908-S: LPN and item tracked (Purchase)

1. Select the Search icon , enter **Items**, and then select the related link. The **Items** list page opens.
2. Select the *L1908-S* item. The **Item Card** page opens. On the **Advanced Warehouse Management** FastTab, verify that the **License Plate Tracking Code** field value is set to *ALL*. This setting requires the use of a license plate for both inbound and outbound warehouse flows. On the **Warehouse Management System** FastTab, review the **License Plate Generation** field value. The value is initially blank.
3. Change the **License Plate Generation** field value to *Always*.
4. Change the **Print Set** field value to *LICENSE PLATE*. On the **Item Tracking** FastTab, verify that the **Item Tracking Code** field value is set to *LOTALLEX*. In this configuration, no values are defined on the **Warehouse Management System** FastTab in the item tracking code setup.
5. For lot number generation, select the required build lot number from expiration date.
6. In **Expiration Date Lot No. Format** field, enter *EDL<Year,2>.<Month,2><Day,2>*.
7. Select the unit of measure. The **Item Units of Measure** page opens. Verify that quantity per unit of measure is correctly defined for the *PALLET* code.
8. Close all open pages.

As a result, when this item is received, the system automatically generates a lot number based on the lot number generation setup in the item tracking code and creates license plate numbers according to the **Full License Plate Qty.** field configuration.

Process flow

This section explains the end to end process, starting from creating a purchase order to receiving the items in the warehouse.

Purchase order to receipt

Follow these steps to create a purchase order and proceed with the receiving process.



1. Select the Search icon , enter **Purchase Orders**, and then select the related link.
The **Purchase Orders** list page opens.
2. Select the **New** action.
3. In the **Vendor Name** field, enter *61000* (Electronics Ltd.).
4. In the **Location Code** field, enter *WMS*.
5. Fill in the line details:

Item	Quantity	Unit of Measure Code
L1000	40	PCS
L1900-S	6	PALLET
L1908-S	120	PCS

6. Select the **Create Whse. Receipt** action. The **Warehouse Receipt** page opens.
7. Turn on the **Release To Scanner** toggle.

The system creates a line in the WMS activity list. This line appears in the document list on the scanner.

The **Release to Scanner** must be turned on by default for a specific location, and you can configure this in the WMS warehouse receipt module.

On the scanner

1. Open the WMS App on the scanner and login to Aptean warehouse management system location.
2. Select the **Inbound** group.
3. Select the **Direct Put-Away** module, the document list opens.
4. Select the document line with the correct warehouse receipt number, the item list opens.
5. In the item list, you can view:

- The modus line, currently **Take**
- The item lines, currently 3 lines

On the bill of lading:

- Item L1000: No tracking information
- Item L1900-S: No tracking information
- Item 1908-S: 72 pcs with expiration date 22/08/29 and 48 pcs with expiration date 14/09/29



Receive item L1000

In this step, you receive the L1000 item using the scanner.

1. Enter 38 in the **Qty** field.
2. Long-press the item line for *L1000*. The system prompts you to confirm the quantity because the entered quantity is not an exact multiple of the full license plate quantity. By default, the system assumes that you receive full license plates and one partial license plate. In this scenario, you want to receive 8 full license plates and 2 partial license plates, each with a quantity of 3.
3. Change the quantity to 32, and then confirm. The remaining quantity for item *L1000* is 6.
4. In the **Qty** field, enter 3.
5. Long press the item line for *L1000*. The remaining quantity for item *L1000* is 3.
6. Long press the item line for *L1000* again.
7. Confirm the quantity 3. The line for item *L1000* is no longer displayed.
8. Long press the take line. The mode changes to **Place**.
9. Scroll through the list. The system displays separate lines for each license plate number, based on the confirmed quantities.
10. Scan the bin where you want to place the license plates.

All license plates are moved to the scanned bin. In Business Central, you can review bin contents, warehouse entries, and detailed warehouse entries. At this stage, only the put-away movement entries are created. The warehouse receipt is not posted yet. You can also review the **Warehouse Receipt** page to verify the current status.

To post the warehouse receipt lines from the scanner, complete the receipt on the scanner.

11. Select the **Complete** button on the scanner.
12. Select **Yes** to confirm and post the receipt.

In Business Central, the system creates the related warehouse entries, detailed warehouse entries, and item ledger entries for the posted warehouse receipt.

You can also review the **Warehouse Receipt** page. The line for *L1000* item is posted and is no longer displayed in the warehouse receipt.

Receive 6 full license plates of item L1900-S

1. Select the document line with the correct warehouse receipt number. The item list opens in the **Take** mode.



2. Long press the item line for *L1900-S*.
3. Confirm the quantity 96. The line for *L1900-S* is no longer displayed.
4. Long press the take line. The mode changes to **Place**.
5. Scroll through the list. The system displays separate lines for each license plate number, based on the confirmed quantities.
6. Long press the first line that contains item, *L1900-S*. A dialog box prompts you to enter the bin where the license plate will be placed.
7. Scan the bin where you want to place the license plate.

The license plate is moved to the bin.

In Business Central, you can review the label output files. The top label represents the label that was generated for the moved license plate.

8. Long press the first line that contains item, *L1900-S*. A dialog box prompts you to enter the bin where the license plate will be placed.
9. Scan the bin where you want to place the license plate.

The license plate is moved to the bin.

10. Scan the bin where you want to place the remaining license plates.

All license plates are moved to one of the two bins.

In Business Central, you can review bin contents, warehouse entries, and detailed warehouse entries. At this stage, only the put-away movement entries are created. The warehouse receipt is not posted yet. You can also review the **Warehouse Receipt** page to verify the current status.

You can also review the label output files. The top labels represent the labels that were generated for the moved license plates.

Receive item L1908-S with expiration dates

In this step, you receive item *L1908-S* with different expiration dates.

1. Long press the **Place** line. The mode changes to **Take**.
2. In the **Qty** field, enter 72.
3. Long press the item line for *L1908-S*. A dialog box prompts you to enter the expiration date.
4. Enter 290822. The remaining quantity for item *L1908-S* is 48.
5. Scan the item, quantity and expiration date of one of the remaining license plates.



The remaining quantity on the item line is 24.

6. Scan the item, quantity, lot number and expiration date of the last remaining license plate.

The item line disappears.

7. Long press the **Take** line. The mode changes to **Place**. Review the item lines. The system prioritizes scanned information over system-generated information. In this setup, because license plate generation is set to *Always*, the system generates license plate numbers.
8. Select the input field in the header.
9. Enter *WM-BULK-33* as the bin, and then select **Add**. All license plates are moved to the *WM-BULK-33* bin.
10. Select **Complete** on the scanner.
11. Select **Yes** to confirm and post the receipt.
In Business Central, the system creates the related warehouse entries, detailed warehouse entries, and item ledger entries for the posted warehouse receipt. The warehouse receipt is removed because it is fully posted.

Some vendors provide modern and complete labeling, including lot numbers and SSCC numbers, which you can use directly in your warehouse. However, not all vendors provide this information.

As a result, you can use the vendor-provided lot numbers when they are available, instead of always creating new lot numbers and labels.

Changes in setup to support items with correct labels

This section explains the system setup to process items with correct vendor labels without creating new labels during receipt.

Direct put-away module

Follow these steps to update the setup to support items that already have correct vendor labels.

1. Open the **Locations** list page.
2. Select the *WMS* location. The **Location Card** page opens.
3. Select **Configure WMS**. The **WMS Location Card** page opens.
4. Select **Modules on Scanner**. The **Modules on Scanner List** page opens.
5. Select **Direct Put-Away**. The **Module Settings Card** page for WMS direct put-away opens.
6. Select **Postback Fields** to open the configuration.
7. Add a new line in the postback fields.



Field No.	Document Line Field No.	Request Job Field No.
7	21	32

8. Close the postback fields.
9. Select the **Validations** action to open the validations.
10. Change the **Lotno.** validator as *Tracking*.
11. Close all the open pages.

As explained in this flow, you do not always create lot numbers. For some items, you can scan and use existing lot numbers provided by the vendor.

Item L1908-S: LPN and item tracked (Purchase)

1. Open the **Items** list page.
2. Select the item, *L1908-S*. The **Item Card** page opens. On the **Advanced Warehouse Management** FastTab, verify that the **License Plate Tracking Code** field value is set to *ALL*. This setting requires the use of a license plate for both inbound and outbound warehouse flows. On the **Warehouse Management System** FastTab, verify that the **License Plate Generation** field value is set to *Always*.
3. Clear the **License Plate Generation** field value.
4. Clear the **Print Set** field value.
On the **Item Tracking** FastTab, verify that the **Item Tracking Code** field value is set to *LOTALLEX*. In this configuration, no values are defined on the **Warehouse Management System** FastTab in the item tracking code setup.
5. Clear the **Lot No. Generation** field value.
6. Close all open pages.

Purchase order to receipt

Follow these steps to create a purchase order and proceed with the receiving process:

1. Open the **Purchase Orders** list page.
2. Select **New**.
3. In the **Vendor Name** field, enter *62000* (WalkerHolland).
4. In the **Location Code** field, enter *WMS*.
5. Enter the required details in the **Lines** section.



Item	Quantity	Unit of Measure Code
L1000	20	PCS
L1908-S	60	PCS

6. Select the **Create Whse. Receipt** action. The **Warehouse Receipt** page opens.

7. Turn on the **Release To Scanner** toggle.

On the scanner

Follow these steps to process the receipt on the scanner.

1. Open the WMS scanner and sign in to Aptean Warehouse Management System.
2. Select **Inbound**.
3. Select **Direct Put-Away**. The document list opens.
4. Select the document line with the correct warehouse receipt number. The item list opens.

Review the information on the item list:

- The **Mode** line, currently set to *Take*
- The item lines, currently displaying 2 lines

Review the details from the bill of lading:

- Item **L1000**: No tracking information
- Item **L1908-S**:
 - 36 pcs with lot number *C45.822* and expiration date *25/04/28*
 - License Plate No. 202612342121441346, 12 pcs
 - License Plate No. 202612342127291198, 24 pcs
 - 24 pcs with lot number *C46.009* and expiration date *16/06/28*
 - License Plate No.: 202612342063411315, 24pcs

Receive item L1000

1. Long press the item line for *L1000*.
2. Confirm the quantity as *20*.
3. Long press the **Take** line. The mode changes to **Place**.



4. Scroll through the list. The system displays separate lines for each license plate number, based on the confirmed quantities.
5. Scan the bin where you want to place the license plates.

All license plates are moved to the scanned bin. In Business Central, you can review the bin contents, warehouse entries, and detailed warehouse entries. At this stage, only the put-away movement entries are created. The warehouse receipt is not posted yet. You can also review the **Warehouse Receipt** page to verify the current status.

Scan and receive item L1908-S

1. Long press the **Place** line. The mode changes to **Take**.
2. Scan the item, quantity, and expiration date for one of the remaining license plates.

3. Scan the license plate number.

The quantity in the line changed to 36.

4. Scan the item and quantity.

5. Add the expiration date 280425 manually.

6. Scan the lot number.

7. Scan the license plate number.

The quantity in the line updates to 24.

8. Scan the item, quantity, and expiration date.

9. Scan the lot number.

10. Scan the license plate number.

The item line is no longer displayed.

11. Long press the **Take** line. The mode changes to **Place**. Review the item lines with the scanned information.
12. Scan the bin where you want to place the license plates.



All license plates are moved to the *WM-BULK-33* bin.

13. Select the **Complete** button on the scanner.
14. Select **Yes** to confirm and post the receipt. In Business Central, the system creates the related warehouse entries, detailed warehouse entries, and item ledger entries for the posted warehouse receipt. The warehouse receipt is removed because it is fully posted.

Note

In the above flow, a single warehouse employee performs both receiving and put-away activities by switching between screens. By using fixed take and fixed place modes, you can assign one employee to handle receiving and another to handle put-away, which helps improve efficiency in warehouse operations.



Design details

Article • 7/18/2024 • 1 min read

This content contains detailed technical information about complex application features in Drink-IT Advanced Warehouse 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	See
Keep track of all documents on the scanning devices	WMS activity list
Check messages from the scanning devices	WMS debug list
Check the jobs activated by the forms on the scanning devices	WMS request jobs



Keep track of all documents on the scanning devices

Article • 7/18/2024 • 2 min read

Every document on the scanning device has one activity list (WMS) entry. These entries in the **Activity List (WMS)** page are created on the moment we create the document in Business Central or we create a document on the scanning device, such as an Ad Hoc Movement or a License Plate Info. For not direct registering or not direct posting documents, the WMS Entries keep track of all scanned information on such documents.

1. Select the Search icon , enter **Activity List (WMS)**, and then choose the related link.
2. Check the information in the different fields.
As statuses:
 3. Released: Ready to scan
 4. In Progress: Open on a scanning device
 5. Completing: Completed on a scanning device and processing the data
 6. Completed: The data is processed
 7. Posted: The data is registered or posted
 8. Error: An error occurred when completing or posting
 9. Check the actions to change statuses.
10. Check the **Edit List** action, you are able to change, not add, information in the WMS Entries for not direct registering or not direct posting documents (E.g.: Warehouse Receipt).



Check messages from the scanning devices

Article • 7/18/2024 • 2 min read

When enabling the Debugging on the Company Settings (WMS), every message send to and received from the scanning devices is kept in the debug list.

1. Select the Search icon , enter **Debug List (WMS)**, and then choose the related link.
2. Check the information in the different fields.
3. Check the **Dispatch Request** action, to process a certain action in the list again. Please note that some requests trigger registrations and/or postings. So, this can have an impact on the correctness of your inventory.
4. In the **Debug Log (WMS)**, you can read the request and Response for every message.



Check the jobs activated by the forms on the scanning devices

Article • 7/18/2024 • 2 min read

In the setup we discovered the Request Forms. Request forms can activate certain functions, such as printing. To keep track of the history of these actions taken, we keep a register, called Request Jobs.

1. Select the Search icon , enter **Request Jobs (WMS)**, and then choose the related link.
2. Check the information in the different fields.
3. In the **Fields**, you can check the send values in the different fields of the request form.



Integrations

Article • 1/28/2026 • 1 min read

The Aptean Warehouse Management System extension has been integrated with the following extensions:

- [Aptean Process Manufacturing](#)
- [Aptean Packaging](#)
- [Aptean Expiration Management](#)
- [Aptean Advanced Attributes](#)
- [Aptean Lot Management](#)
- [Aptean Over Under Delivery](#)
- [Aptean Production Over Pick](#)
- [Aptean Labeling](#)
- [Aptean Inspection Status](#)



Aptean Process Manufacturing

Article • 2/3/2025 • 3 min read

When the Aptean Warehouse Management System extension is used in conjunction with the Aptean [Process Manufacturing](#) extension, you can consolidate production movement. This ensures that inventory management and production planning are accurate, facilitating streamlined system operations. By automating the synchronization of inventory data, this integration helps reduce errors and improve overall warehouse and production performance.

Set up to release consolidated movement to scanner

To set up to release consolidated movement to the WMS scanner, follow these steps:

1. Open the **Process Manufacturing Setup** page.
2. On the **General** FastTab, turn on the **Release Consolidated Movement to Scanner** toggle to automatically create and release the inventory movements to the WMS scanner for items with consolidated picking.

When the toggle is turned on, the system automatically turns on the **Create Inventory/Warehouse Movement** toggle on the **Create Consolidated Production Movement** page, as well as the **Release to Scanner** toggle on the related **Inventory Movement** page.

This automatic update eliminates the need for manual updates and simplifies the process of creating inventory and internal movements using the **Create Consolidated Production Movement** page.

Process consolidated consumption in the WMS scanner

To process consolidated consumption in the WMS scanner and ensure inventory updates during production, follow these steps:

In Business Central

1. Open the **Released Production Order** page.
2. Enter the item number, quantity and the related information in the required fields.
3. On the **Lines** FastTab, select **Line > Components**.
The **Prod. Order. Components** page opens.
4. Fill in the required fields.
5. In the **Components Pick Method** field, select *Consolidated*.
6. Select the **Consolidated Consumption** checkbox.
7. Open the **Create Consolidated Production Movement** page.
8. Fill in the required fields.



9. On the **Filter: Prod. Order Component** FastTab, in the **Item No.** field, select the relevant component item number.
10. Select **OK**.
For more information about creating consolidated production movement, see [Consolidated production movement](#).
11. Open the **Inventory Movement** page.
You can view that the **Release To Scanner** toggle is automatically turned on and the updated inventory movement records using the **Create Consolidated Production Movement** page.

In the scanner

1. Open the Aptean WMS scanner on the device and log in to your location.
2. Select the **Internal** group.
3. Select the **Movement** module.
4. Scan the barcode of the associated license plates.
After scanning, the system automatically handles the quantity in the inventory movement and updates the take and place lines on the **Registered Invt. Movement** page.
If required, you can also over-pick items (for example, moving 50 items when only 40 are needed) by turning on the **Allowed Over Pick Consolidated Movement** toggle on the **Process Manufacturing Setup** page.
Instead of scanning, you can also choose to manually update the quantity, lot number, and license plate numbers to handle the inventory movement activity in the scanner.
5. When the scanning is complete for the movement activity, refresh and close the scanner.
The completed movement details based on the consolidated production movement can be viewed on the **Registered Invt. Movement** and **Bin Contents** pages.

Note

- You can execute the **Create Default PostBack Fields** and **Create Default Validations** actions on the **Module Settings** page for movement activity. These actions allow the system to automatically configure the postback fields and validators required to perform the movement activity.
- On the **Module Settings** page, in the **Posting Handler** field, select *Register Movement* to allow the scanner to automatically register and complete the inventory movement in the WMS scanner.

To complete the process, you can post the production and consumption journal to finish the production order in Business Central.



Aptean Packaging

Article • 10/16/2024 • 5 min read

You can integrate the Aptean Warehouse Management System extension with the Aptean [Packaging](#) extension to streamline and automate packaging processes for both inbound and outbound transactions. This integration ensures that accurate packaging records are maintained for all inbound activities while offering flexibility to modify packaging details or enter new packaging type as needed. For outbound transactions, packaging types are added automatically, and you can modify or enter new packaging type as required.

Configuring packaging for warehouse management

To ensure proper handling of packaging in warehouse operations, follow the steps below to set up and manage packaging effectively.

- The **Packaging Calculation Method** field must be set to *On Release*. To know more, see [Set up packaging](#).
- Link packaging types to the item number involved in warehouse management activities to effectively manage stock levels and values for packaging materials. To know more, see [Packaging types](#).
- To enable automatic packaging calculations for both inbound and outbound transactions, register the packaging setup for your warehouse location. Select the **Inbound Transactions** and **Outbound Transactions** checkboxes on the **Register Packaging Setup** page.
- On the **Location Card** page, define a packaging location by entering it in the **Packaging Location** field associated with the warehouse location.
- Set up default packaging for the item, ensuring that both item-bound and order-bound packaging types are configured. For more information, see [Default and mandatory packaging](#).

Set up request form

Configure the necessary captions and field types on the **Request Form (WMS)** page to manage warehouse activities involving packaging items.

1. Open the **Request Form (WMS)** page.
2. In the **Request Type** field, select *Input*.
3. Fill in the required fields.
4. In the **Field No.** field, enter *1*.
5. In the **Caption** field, enter *Packaging Type*.
6. In the **Field Type** field, select *Select*.
7. In the **Option Selector** field, select *Packaging Type*.
8. Subsequently on the next line, in the **Caption** field, enter *Quantity*.



9. In the **Field Type** field, select *Number*.

10. In the *Option Selector* field, select *None*.

The request form for warehouse activity has been set up.

Module settings

To perform the desired warehouse activity, you must configure your WMS scanner with the module settings.

1. Open the **Module Settings** page.
2. On the **Request Forms** FastTab, add your packaging ID, name, and handler.

Note

Make sure to update the request forms for the shipment and receipt modules.

In Business Central

In Business Central, follow these steps to create and process a purchase order, ensuring the warehouse receipt is set up for scanning.

1. Open the **Purchase Order** page.
2. In the **Item No.** field, enter the item number.
3. In the **Location Code** field, select the warehouse location.
4. In the **Quantity** field, enter the required quantity.
5. On the action bar, select **Release** to release the purchase order document.
As a result, the associated packaging items are added to the lines.
6. Create the warehouse receipt to proceed with the receive activity.
7. Turn on the **Release To Scanner** toggle.

In the scanner

In the scanner, follow these steps to complete the receiving process and update the warehouse records.

1. Open the WMS scanner on the device and log in to your location.
2. Select the **Inbound** group.
3. Select the **Receipt** module.
On the **Receipt** screen, you can view the list of order-bound documents.



4. On the **More Options** menu, select **Forms**.
5. Select **Add Packaging**.
The **Add Packaging** dialog opens.
6. In the **Packaging Type** field, select the required type.
A receipt line is added for the selected packaging type.
7. In the **Quantity** field, enter the desired quantity.
8. Select **SUBMIT**.

You can view the assigned packaging quantity in the **Quantity To Post** field on the **Order Bound Packaging** FastTab of the **Packaging** page linked to the warehouse receipt.

Note

On the WMS scanner, you can long-press the receipt line to modify or edit the quantity to post. Any changes made will also update the **Quantity To Post** field in Business Central.

9. Enter the required lot number details.
10. Enter the SSCC number along with the item number.
11. Select **ADD**.
The receipt lines have been updated with the information provided.
12. Select **COMPLETE** to finish the receive activity.

Once the document is posted, you can view the updated quantity in the **Quantity Received** field on the **Purchase Order** page.

You cannot perform the partial receipt activity for packaging items with the WMS scanner.

Note

The WMS scanner currently shows an empty shipment record on the **Shipment** screen, even after the record has been posted.

This functionality works similarly,

- When creating a warehouse shipment and pick from a sales order and accessing it in the WMS scanner with packaging items, the **Quantity Shipped** field on the **Sales Order** page will be updated after posting.
- When creating transfer orders between warehouse locations, performing the shipment activity with packaging items in the WMS scanner will update the **Quantity Shipped** field on the **Transfer Order** page after posting. You can then proceed to create the warehouse receipt and carry out the transfer receipt activity in the WMS scanner as usual.



 Important

You cannot use the **Add Packaging** action during the transfer receipt activity or edit or modify packaging items in the transfer receipt document.



Aptean Expiration Management

Article • 10/16/2024 • 4 min read

You can integrate the Aptean Warehouse Management extension with the Aptean [Expiration Management](#) extension to calculate the expiration date of the item and item attribute based on the configuration of the **Expiration Setup** page. For more information, see [Set up item expiration](#). The system mainly focuses on the defined value in the **Expiration Date Calc.** field on the **Expiration Setup** page. It calculates the item's expiration date associated with the warehouse receipt and direct put-away activity.

In Business Central

To ensure the expiration date is calculated correctly using the *Document Date* option in the **Expiration Date Calc.** field, make sure the following conditions are met:

- The **Lot Specific Tracking** toggle on the **Lot No.** FastTab of the **Item Tracking Code Card** page is turned on.
- The **Use Expiration Dates** toggle on the **Misc.** FastTab of the **Item Tracking Code Card** page is turned on.
- The **Require Expiration Date Entry** toggle on the **Misc.** FastTab is turned off.

This allows the system to automatically assign an expiration date without manual entry.

To calculate the expiration date using the *Vendor Production Date* option in the **Expiration Date Calc.** field, the following conditions must be met:

- The **Lot Specific Tracking** toggle on the **Lot No.** FastTab of the **Item Tracking Code Card** page is turned on.
- The **Use Expiration Dates** toggle on the **Misc.** FastTab of the **Item Tracking Code Card** page is turned on.
- The **Require Expiration Date Entry** toggle on the **Misc.** FastTab is turned on.

This requires manual expiration date entry when using this item tracking code.

You can also select the desired item attribute for which you want to configure the expiration setup. For more information, see [Set up expiration management](#).

For more information on how expiration dates are calculated using the options specified in the **Expiration Date Calc.** field, see [Calculations](#).

Once the document is posted, you can view the expiration date details on the **Lot No. Information Card** and **Audit Trail Entries** pages.

In the scanner

In the scanner, follow these steps to complete the receiving process and update the warehouse records.



 Important

On the **Company Settings (WMS)** page, turn on the **Show Expiration Date** toggle on the **License Plating** FastTab to display the expiration date on the scanner.

1. Open the WMS scanner on the device and log in to your location.
2. Select the **Inbound** group.
3. Select the **Receipt** module.
On the **Receipt** screen, you can view the list of documents.
4. Select the desired line, and then the item list screen opens.
5. In the **Qty** field, enter the preferred quantity to receive.
6. Fill out the lot number details.
A dialog opens.

The relevant expiration date, along with the item number and lot number details, is automatically populated in the dialog. This value is based on the expiration date configuration in Business Central.

To know more about completing the receive activity in the WMS scanner, see [Walkthrough: Receiving a purchase order](#).

The above functionality works similarly while performing the direct put-away activity in the WMS scanner.

Suggest lot number in pick

The WMS scanner automatically suggests the lot number by considering the expiration date of the item.

Upon creating the warehouse pick in Business Central, the pick document is created using the picking templates. These templates allow you to create different picks depending on destination, full pallets, single items, and many more parameters.

This allows the warehouse manager to make specific picks based on the requirements for a particular shipment.

For more information, see [Setting up warehouse templates](#).

For the required quantity, the system checks for the first expiring lot from the bins associated with the **Picking Bin Group Code** field on the **Picking Group Order** page.

You can view this lot number on the **Item Lot Nos. By Expiration Date** page. Subsequently, this lot number is displayed in the pick line on the WMS scanner.

The system calculates the lot number and its associated expiration dates using the minimum shelf-life functionality corresponding to the Aptean Expiration Management extension. For more information, see [Minimum shelf life](#)



[warning](#).



Aptean Advanced Attributes

Article • 9/4/2024 • 9 min read

You can integrate the Aptean Warehouse Management extension with the Aptean [Advanced Attributes](#) extension to configure and manage advanced item attributes directly within the WMS scanner during warehouse receipt and direct put-away processes.

Configure item attributes during warehouse receipt and direct put-away

When receiving items via warehouse receipt, the system triggers a dialog that prompts you to enter the relevant lot attributes, including global attributes and other attributes defined in the item's lot attribute template. If any attributes are marked as mandatory, the system requires you to enter these values before proceeding.

Similarly, when performing a direct put-away for multiple receipts, the system allows you to enter advanced lot attributes. Once entered, the attributes are linked to the lot, and subsequent pallets of the same lot will not require re-entry of these attributes.

Make sure that the following conditions are met to manage lot attributes and warehouse locations in the scanner.

- [Set up lot attributes.](#)
- [Global lot attributes.](#)
- [Setting up WMS per location.](#)

In Business Central

In Business Central, follow these steps to create and process a purchase order, ensuring the warehouse receipt is set up for scanning.

1. Select the Search icon , enter **Purchase Orders**, and then choose the related link.

The **Purchase Orders** page opens.

2. On the action bar, select **New**.

The **Purchase Order Card** page opens.

3. In the **Vendor Name** field, select or enter the name of the vendor.
4. In the **Location Code** field, select or enter the WMS location.
5. On the **Lines FastTab**, in the **Quantity** field, enter the required quantity.
6. Fill out the required fields and release the purchase order.



7. On the action bar, select **Create Whse. Receipt**.

The **Warehouse Receipt** page opens.

8. On the **General FastTab**, turn on the **Release To Scanner** toggle.

In the scanner

In the scanner, follow these steps to complete the receiving process and update the warehouse records.

1. Open the WMS app on the device and log in to your location.
2. Select the **Inbound** group.
3. Select the **Receipt** module.

On the **Receipt** screen, you can view the list of documents.

4. Select the desired line, and it will open the item list.
5. In the **Qty** field, enter the preferred quantity to receive.
6. Fill out the lot number details.

A confirmation message appears to select the global lot attributes.

Based on the specified lot number, the system displays the attribute name alongside its corresponding value. If the attribute values are not fixed, you can also modify them using the provided options.

The attributes are shown based on the defined lot attributes for the item and global lot attributes associated with the lot number.

To set up a fixed attribute value, see [Link default lot attribute values to item category codes](#).

7. Fill out the necessary SSCC number.

The system then displays the item number, lot number, and quantity details.

8. Select **ADD**.

The receive activity is completed.

In Business Central, you can view the lot number and lot attribute details on the **Item Tracking Lines** page of the warehouse receipt.

You can view the details of the completed receipt document on the **Activity List (WMS)** page.

You can also update or modify the attribute values when performing the direct put-away activity on the scanner. The take and place lines of the receipt are updated with the lot attribute values which are associated with the automatically defined lot number on the corresponding receipt.

You can also enter a new lot number while performing the direct put-away activity.



 Note

When you perform activities on the **Direct Put-Away** module, ensure the **Suggest Bin** field is set to *Preferred Bin* on the **Sub Module Templates** page. You can navigate to this page by selecting **Actions > Sub Module Templates** on the action bar of the **Module Settings** page associated with the desired location. This guarantees that items are transferred to the designated bin.

Set up item attributes during transfer order and sales return order receipt

You can configure and manage advanced item attributes when receiving transfer orders and sales return orders using the WMS scanner.

For transfer orders, when the warehouse employee receives the order, the system triggers the ability to enter the advanced lot attributes.

 Note

You must configure the warehouse location to support the receipt of transfer orders. Only direct locations can be utilized for this process.

Once completed, the correct lot attributes are assigned to the lot associated with the received transfer order.

In Business Central

In Business Central, follow these steps to set up and process a transfer order, including configuring lot attributes and posting for shipment.

1. On the **Locations** page, create a direct location to receive the transfer order.
2. Open the **Transfer Order** page.
3. In the **Transfer-from Code** field, select the preferred direct location.
4. In the **Transfer-to Code** field, select the required WMS location.
5. On the **Lines FastTab**, enter the item number and required quantity.
6. On the action bar, select **Item Tracking Lines > Shipment**.
The **Item Tracking Lines** page opens.
7. In the **Lot No.** field, select the lot number from the **Lot No. List** page using the **AssistEdit** button.



The associated lot attributes are displayed on the **Lot Attributes FactBox** of the **Lot No. List** page. You can also choose to modify the attribute's name or value.

8. Select **OK**.
9. Release and post the transfer order for shipment.
The transfer order is posted for shipment.

In the Scanner

In the scanner, follow these steps to receive transfer orders and manage lot attributes.

1. Open the **WMS** app on the device and log in to your location.
2. Select the **Inbound** group.
3. Select the **Transfer Receive** module.
4. Select the desired line, and it will open the item list.
5. In the **Qty** field, enter the preferred quantity to receive.
6. Fill out the lot number details.

A confirmation message shows the attributes assigned to the lot linked with the received transfer order.

You can also modify the attribute values if needed.

Note

When processing a sales order with multiple lines for the same item and location but with different lot attribute values, the scanner will consolidate these lines into a single entry.

Finally, you can complete the transfer receive activity along with the lot attribute values.

When an order contains the same item with multiple lines, only one line will appear on the scanner, accommodating the total quantity from each line.

Note

Similarly, for sales return orders, the system allows you to enter advanced attributes when receiving the order. Upon completing the receive activity, the correct lot attributes are added to the lot associated with the received sales return order.

To know more about sales return orders in Business Central, see [Process sales return orders](#).



To enforce attribute filtering during warehouse pick

1. Open the **Warehouse Templates** page.
2. Select the **Enforce Lot Attributes** checkbox to ensure that specific attributes associated with a lot number are applied and cannot be bypassed or ignored during relevant processes, such as picking, receiving, or shipping.

Note

This checkbox is editable only when the **Sorting Method** field is filled with a value.

According to the defined sorting method, this selection directly influences how the scanner filters and displays the available lot numbers during the pick activity.

Filtering and display of lot numbers by sorting methods

1. FEFO - Exclusivity By Pick Order:

- The bins within a bin group are initially sorted by the oldest lot number, ensuring that the lot with the earliest expiration date is prioritized.
- After sorting by lot number, the system further sorts the bins based on exclusivity, with preference given to bins containing a single item (fixed or dynamic) or empty bins.
- The scanner displays the first bin meeting all these criteria, showing the corresponding lot number for picking.

2. Exclusivity By Pick Order - FEFO:

- Initially, the bins are sorted by exclusivity, with a preference for bins containing a single item (fixed or dynamic) or empty bins.
- Within these bins, the system then sorts by the oldest lot number to ensure that the earliest expiring items are picked first.
- The first bin that meets these sorting criteria displays the corresponding lot number on the scanner.

3. License Plate Type By Pick Order - FEFO:

- The bins are first sorted by license plate type, starting with the type specified in the **Default License Plate Type** field of the warehouse template.
- Within these license plate types, the system sorts the bins by the oldest lot number to prioritize items with the earliest expiration date.
- The scanner displays the relevant lot number for the first bin that matches these criteria.



In each sorting method, the **Enforce Lot Attributes** checkbox ensures that only those lot numbers meeting the specified attribute criteria are displayed and available for selection during the picking process.

During pick activities, the scanner prevents the entry of duplicate lines for the same item.



Aptean Lot Management

Article • 9/4/2024 • 3 min read

You can integrate the Aptean Warehouse Management System extension with the Aptean [Lot Management](#) extension to generate lot numbers for items using a predefined profile. This integration allows for the creation of lot numbers incorporating various elements such as dates, vendor information, or document numbers. Once a lot profile is defined on the **Item Card** page, the system automatically assigns the corresponding lot number to the scanner. However, if a lot number series is specified instead of lot profiles, the system will assign the lot number based on the designated series. Additionally, the system records essential details such as the vendor's lot number and the production date, which are crucial for tracking and traceability.

Moreover, this integration enhance the performance of **Receipt** and **Put-Away** activities, further streamlining inventory management and ensuring accuracy in handling lot-tracked items.

1. Open the **Item Card** page.
2. On the **Item Tracking** FastTab, in the **Item Tracking Code** field, select the desired option from the dropdown menu, such as *LOTALL*.
3. In the **Lot Nos.** field, select the required value.
Or, in the **Lot No. Profile** field, select the required value.
For more information, see [Create Lot No. with Lot No. Profile](#).

Note

Lot numbers can be generated using either a number series or a lot number profile. Therefore, you can only specify the **Lot No. Profile** field if the **Lot Nos.** field is empty, and vice versa.

Use lot profile and lot origin details during the WMS activity

Follow the steps outlined in points 1 to 8 of the [In Business Central](#) topic on creating a purchase order in BC and receiving the order in the scanner.

In the scanner

In the scanner, follow these steps to receive items and manage lot number details during the receipt process.

1. Open the WMS app on the device and log in to your location.
2. Select the **Inbound** group.
3. Select the **Receipt** module.
4. On the **Receipt** screen, you can view the list of documents.



5. Select the required line with the preferred receipt number.

This opens the item list. You can select the item tab to view the item information.

6. In the **Qty** field, enter the required quantity.

A dialog box opens.

You can view the lot number value assigned to the item using the **Lot No. Profiles** field.

7. Select **ADD**.

A confirmation message appears, prompting you to add the vendor lot number.

8. Enter the vendor lot number. You can also choose to leave the field blank.

A confirmation message appears, prompting you to add the lot origin details.

9. Enter the production date.

10. Select **OK**.

Based on the provided information, an entry is created on the **Lot. No. Information** list page.

You can select the desired entry to view the lot number details on the **Lot No. Information Card** page.

You can view the generated lot number in the **Lot No.** field on the **License Plate** page.



Aptean Over Under Delivery

Article • 1/28/2026 • 4 min read

You can integrate the Aptean Warehouse Management System extension with the Aptean [Over Under Delivery](#) extension to enable flexibility in receiving more or less than the ordered amount. The system supports over and underdelivery for inbound receiving and outbound shipping, allowing you to receive and ship quantities that differ from the order.

When a warehouse employee receives a delivery that exceeds or falls short of the ordered quantity, the system permits the receipt and pick of the actual delivered quantity. Consequently, the system successfully processes the over or underdelivery, ensuring accurate and efficient receiving and picking operations.

Configure underdelivery and overdelivery validations

To set up default validations for warehouse receipt, follow these steps:

1. Open the **Module Settings** page for warehouse receipt.
2. Select the **Create Default Validations** action.

The system automatically adds the *Verify Underdelivery* and *Verify Overdelivery* validators to the **Module Validation** page.

3. Select the **Active** checkbox as needed to activate a validator for performing over and underdelivery activities.

To configure the *Overdelivery* postback field, follow these steps:

4. Open the **Module Settings** page for warehouse receipt.
5. Select the **Create Default PostBack Fields** action.

The system automatically adds the *Overdelivery* postback field to the **Additional Fields** page.

Important

On the **WMS Configuration** page, on the **Journal Setup** FastTab, turn on the **Confirm Underdelivery** toggle to display a confirmation message during underdelivery. This toggle is available only when the Aptean [Over Under Delivery](#) extension is installed.

In Business Central

Make sure to define whether underdelivery and overdelivery are allowed for each vendor or customer, as well as the permitted percentage of underdelivery and overdelivery for each item. To learn more, see [OUD setup](#).



Follow the steps outlined in points 1 to 8 of the [In Business Central](#) topic on creating a purchase order in BC and receiving the order in the scanner.

In the scanner

1. Open the WMS app on the device and log in to your location.
2. Select the **Inbound** group.
3. Select the **Receipt** module.
On the **Receipt** screen, you can view the documents list.
4. Select the first line. This opens the item list. When an order contains the same item with multiple lines, only one line will appear on the scanner, accommodating the total quantity from each line.
5. Scan the barcode from the label starting by the item, until all information is provided to post the output. The scanner will ask for information if needed.
6. In the **Qty** field, enter the additional quantity or lesser quantity you want to receive.

Note

A confirmation message will appear if you are performing the receive activity with the lower quantity for underdelivery.

7. Select the item details and enter the lot and SSCC numbers.
8. Select the context menu on the item line.
9. Turn on the **Underdelivery** toggle.
A confirmation message appears. The system displays the confirmation message based on the **Confirm Underdelivery** toggle on the **WMS Configuration** page.
If the receipt variance exceeds the allowed overdelivery or underdelivery percentage defined for the item, the system displays an error.
10. Select **COMPLETE**.
A dialog box opens.
11. Select **Yes** to finish the receipt activity. When entire quantity for an item is received, the line for this item will be removed from the list.

Note

During receive activity, for a single item, only one lot and license plate can be used during partial picking and receiving. Multiple license plates for the same lot are not permitted. Also, the system will generate an error if you attempt to use the item with multiple lots and multiple license plates.



You can view the received quantities on the following pages:

- The **Quantity Received** field on the **Purchase Order** page.
- The **Qty. (Base)** field on the **License Plate** and **Detailed Warehouse Entries** pages.

Note

The above functionality works similarly when you use the Aptean Over Under Delivery extension to execute pick activities for warehouse shipments created from the **Sales Order** page. Ensure the selected item, customer, and sales order are set up with the over and under delivery configurations.

You can view the shipped quantities on the following pages:

- The **Qty. Shipped** field on the **Sales Order** and **Warehouse Shipment** pages. Also, the **Underdelivery** checkbox is selected.
- The **Qty. (Base)** field on the **Detailed Warehouse Entries** page.

Note

For overdelivery, turn off the **Underdelivery** toggle. This allows you to scan and receive quantities exceeding the ordered amount, within the allowed overdelivery percentage. The warehouse management system can only process receipts of only one source document per receipt.



Aptean Production Over Pick

Article • 7/2/2025 • 4 min read

You can integrate the Aptean Warehouse Management System extension with the Aptean [Production Over Pick](#) extension, where the system supports over and under picking for component consumption, allowing warehouse employees to pick quantities that differ from the production order. It enables flexibility in picking more or less than the ordered amount.

Ensure that the over and under delivery percentages are configured on the **Item Card** page within the corresponding bill of materials. When a warehouse employee picks a quantity that exceeds or falls short of the production order, the system will allow the actual quantity picked. Consequently, the system successfully processes the over or under picking, ensuring accurate and efficient component consumption operations.

Additionally, the warehouse pick activity can only be completed with a single line, which includes both take and place actions.

Note

On the **Location Card** page, on the **Warehouse** FastTab, the **Prod. Consumption Whse. Handling** field must be set as *Warehouse Pick (Mandatory)*.

Configure underpick and overpick validations

To configure default validations for warehouse picking, follow these steps:

1. Open the **Module Settings** page for warehouse pick.
2. Select the **Create Default Validations** action.
The system automatically adds the *Verify Underpick* and *Verify Overpick* validators to the **Module Validation** page.
3. Select the **Active** checkbox as needed to activate a validator for performing over and underpick activities.

To configure the *Overpick* postback field, follow these steps:

4. Open the **Module Settings** page for warehouse pick.
5. Select the **Create Default PostBack Fields** action.
The system automatically adds the *Overpick* postback field to the **Additional Fields** page.

Important

On the **Warehouse Templates** page, select the **Confirm Underpick** checkbox for the applicable warehouse template group to specify whether a confirmation message should appear during underpick.



In Business Central

In Business Central, follow these steps to process a released production order, including setting up component lines and creating warehouse pick lines.

1. Open the **Released Production Order** page.
2. On the **General** FastTab, in the **No.** field, select the required document number.
3. In the **Source No.** field, select the item number.
4. In the **Quantity** field, enter the required quantity.
5. On the **Posting** FastTab, in the **Location Code** field, select the warehouse location.
6. Fill out the desired fields.

Note

The production BOM associated with the item must be configured with the over and under-pick setups. To know more about over and under-pick setups, see [OUP setup](#).

7. On the action bar, select **Refresh Production Order** to calculate the changes to the production order header.
8. On the action bar, select **Released Production Order**.
The system initiates the values of the component lines.
You can view the line updated on the **Prod. Order Components** page.
9. On the action bar, select **Create Warehouse Pick**.
The **Whse.-Source – Create Document** page opens.
10. Fill out the required details and select **OK**.
The warehouse pick lines are created.
11. Open the related **Warehouse Pick** page.
12. Update the required lot number and take license plate number.
13. Assign destination license plate number.
14. Select **Close**.

You can also create a warehouse pick from the sales order.

In the scanner

In the scanner, follow these steps to manage the pick process, including handling over and under-pick quantities.

1. Open the WMS app on the device and log in to your location.



2. Select the **Outbound** group.

3. Select the **Pick** module.

On the **Pick** screen, you can view the list of documents.

You can select the desired line to open the item list.

When the order contains the same item with multiple lines, only one line will appear on the scanner, accommodating the total quantity from each line.

4. In the **Qty** field, enter the additional or lower quantity allowed for the over and under-pick process.

5. Enter or scan the bin code and destination license plate details.

6. Select **ADD**.

7. Select the context menu on the item line.

8. Turn on the **Underpick** toggle.

A confirmation message appears. The system displays the confirmation message based on the **Confirm Underpick** checkbox on the **Warehouse Templates** page.

If the production pick variance exceeds the allowed overpick or underpick percentage defined for the item, the system displays an error.

9. Select **COMPLETE**.

A dialog box opens.

10. Select **Yes** to finish the pick activity.

When entire quantity for an item is picked, the line for this item will be removed from the list.

11. Post the item journal and finish the production order in Business Central.

You can view the received quantities in the following fields:

- The **Qty. Picked** field on the **Prod. Order Components** page. Also, the **Under-pick** checkbox is selected.
- The **Qty. (Base)** field on the **Detailed Warehouse Entries** page.

Note

For overpick, turn off the **Underpick** toggle. This allows you to scan and pick quantities exceeding the ordered amount, within the allowed overdelivery percentage.

This functionality works similarly when a warehouse pick is created from a sales order.



Aptean Labeling

Article • 6/24/2026 • 1 min read

The Aptean Warehouse Management System extension is integrated with the Aptean [Labeling](#) extension to enable printing License Plate labels using the Default Data Set (71812617), including all standard License plate label fields.

Labels to be printed from the scanner are selected in Request Forms. To prevent these labels from also being printed when printing labels from Business Central, you can enable the **Print from WMS Only** toggle on the **Label card**.

When the Aptean Warehouse Management System extension is used in conjunction with the Aptean [Labeling](#) extension, you can print multiple empty license plate labels. For more information, see [Print empty license plate labels](#).

You can also print labels for a posted warehouse receipt or warehouse shipment, even if the labels were not printed before posting, using the **Print Label(s)** action on the **Posted Whse. Receipt** and **Posted Whse. Shipment** pages. For more information, see [Print labels from posted documents](#).



Aptean Inspection Status

Article • 1/19/2026 • 2 min read

When the Aptean Beverage Advanced Warehouse Management extension, Drink-IT Edition is used in conjunction with the Aptean [Inspection Status](#) extension, the system streamlines the lot suggestion process.

For sales orders, lots with an inspection status marked as blocked for either *Sales Pick* or *Sales Availability* are excluded from lot suggestions.

Important

On the **Company Settings (WMS)** page, on the **License Plating** FastTab, turn on the **Show Lot No.** toggle to display the lot number on the scanner.

On the **Inspection Status** page, ensure that the **Blocked** checkbox is selected for the *Sales Pick* or *Sales Availability* types. Additionally, on the **Lot No. Information List** page, update the **Inspection Status Code** field to *BLOCKED* for the relevant item and lot numbers.

Note

- The system prioritizes the blocked status of the document type on the **Inspection Status** page over the inspection status code on the **Lot No. Information List** page. Consequently, if a blocked lot is included when creating a warehouse pick, the system displays an error. This action is mirrored in the Aptean WMS scanner, where attempting to pick a blocked lot results in an error.
- If only the **Inspection Status Code** field value is set to *BLOCKED* on the **Lot No. Information Card** page, and you attempt to select a **License Plate No.** or **Lot No.** field value that contains blocked lots on the **Warehouse Pick** page, the system displays an error message.

During picking, the system automatically suggests appropriate lot numbers, skipping blocked lots. When dealing with sales orders that include multiple advanced attributes, the system consolidates the lot numbers based on the specified attributes and suggests only the valid lots on the pick lines, ignoring any blocked lots.

For transfer orders, lots with an inspection status as blocked for either *Transfer Pick* or *Transfer Availability* are excluded from lot suggestions.

For production orders, lots with an inspection status marked as blocked for either *Production Consumption Pick* or *Production Consumption Availability* are omitted from picking and inventory movement processes.

For more information, see [Inspection status list](#).

This ensures that only unblocked lots are suggested for picking by preventing errors.



Known issues

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The table below lists known issues identified across releases. We are actively investigating and resolving them as part of our commitment to continuous improvement.

ID	Description	Status	Found in version	Fixed in version
353637	The system fails to apply location filtering after the first scan, allowing license plate content from a different location to be displayed when the license plate number is scanned from a different location on the License Plate Info screen.	Under investigation	2601.0.0.0	
353874	The system displays an incorrect subheader on the Request Forms page for subsequent scans from different bins, displaying incorrect subheader data on the second scan while the first scan displays correctly on the License Plate Info screen.	Under investigation	2601.0.0.0	
353907	The system fails to validate pallet size capacity on the first scan, allowing quantities exceeding the pallet size to be entered, but correctly enforces the validation on subsequent scans of the same license plate number on the Production Output screen.	Under investigation	2601.0.0.0	
353319	The system fails to post the warehouse receipt in the WMS Scanner when source document contains partial lot reservation.	Under investigation	2601.0.0.0	
353908	The system fails to post the warehouse receipt in the WMS Scanner when scanning the same license plate across different bins.	Under investigation	2601.0.0.0	
329692	The development of the user story 329692 is not available in the apk 1.15.290072. This is available in the apk 1.15.291603.	Fixed	1.15.290072	1.15.291603

