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1 Introduction

In this October release, we are proud to introduce new functionality around the K3 Pebblestone matrix. We have introduced a new sales line type Matrix and this presents the sales line in the matrix as a bold line. The sales line type Item is used to present the variant lines of the matrix line. This makes it possible to expand the variant lines in the sales documents.

The team also worked on adding the CSR certifications and the checklist as part of the purchase process. It is now possible to set up validation checks which will give the user an error or warning messages when a certificate is not available or invalid. This allows the user to take appropriate actions during the purchase process and ensures that when a brand owner places purchase orders with vendors, basic checks on important topics for the brand owner will take place.

Additionally, we have continued work on adding manufacturing functionality based on the wishlist we created last year with a number of our partners.

An automatic translation service was also been added to the development environment and this means that over time we will be able to create translation files based on the translation services. Initially, we will start sharing the automatically translated files with partners to check they are correct. Later, the translations will be added automatically and the checks will be conducted afterward. Because of this preparational work, we have decided to move the next round of translation activity to the forthcoming bug release in November.

Please read the release notes to find out all the details of this October release.

2 K3 Pebblestone

2.1 Matrix and variant sales lines

In this October release, we are proud to introduce new functionality around the K3 Pebblestone matrix. We have introduced a new sales line type **Matrix** and this presents the sales line in the matrix as a bold line. The sales line type **Item** is used to present the variant lines of the matrix line. When a user is adding an item to a sales document using the matrix, the button ‘Expand’ or ‘Expand All’ allows the user to see the variant lines.

| Type | Item Category Code | No. | Description | Location Code | Purchasing Code | Quantity | Auto Cancel Remnants | Qty. to Assemble to Order | Unit of Measure Code | Unit Price Excl. VAT | Line Discount % | Line Amount Excl. VAT |
|--------|--------------------|-------|-----------------------|---------------|-----------------|----------|--------------------------|---------------------------|----------------------|----------------------|-----------------|-----------------------|
| Matrix | | 10004 | Polo pique with print | MAIN | | 7 | <input type="checkbox"/> | | PCS | 25.00 | | 175.00 |

The buttons ‘Collapse’ and ‘Collapse All’ will close the item (variant) lines.

| Type | Item Category Code | No. | Description | Location Code | Purchasing Code | Quantity | Auto Cancel Remnants | Qty. to Assemble to Order | Unit of Measure Code | Unit Price Excl. VAT | Line Discount % | Line Amount Excl. VAT |
|--------|--------------------|-------|--------------------------------|---------------|-----------------|----------|--------------------------|---------------------------|----------------------|----------------------|-----------------|-----------------------|
| Matrix | | 10004 | Polo pique with print | MAIN | | 7 | <input type="checkbox"/> | | PCS | 25.00 | | 175.00 |
| Item | SHIRTS | 10004 | Polo pique with print Pink-S | MAIN | | 1 | <input type="checkbox"/> | | PCS | 25.00 | | 25.00 |
| Item | SHIRTS | 10004 | Polo pique with print Pink-M | MAIN | | 1 | <input type="checkbox"/> | | PCS | 25.00 | | 25.00 |
| Item | SHIRTS | 10004 | Polo pique with print Pink-L | MAIN | | 1 | <input type="checkbox"/> | | PCS | 25.00 | | 25.00 |
| Item | SHIRTS | 10004 | Polo pique with print Salmon-S | MAIN | | 1 | <input type="checkbox"/> | | PCS | 25.00 | | 25.00 |
| Item | SHIRTS | 10004 | Polo pique with print Aqua-S | MAIN | | 1 | <input type="checkbox"/> | | PCS | 25.00 | | 25.00 |
| Item | SHIRTS | 10004 | Polo pique with print Aqua-M | MAIN | | 1 | <input type="checkbox"/> | | PCS | 25.00 | | 25.00 |
| Item | SHIRTS | 10004 | Polo pique with print Aqua-L | MAIN | | 1 | <input type="checkbox"/> | | PCS | 25.00 | | 25.00 |

2.1.1 Changing values on matrix or variant sales lines

When the user is changing a value in the matrix sales line, the value will be copied to all variant lines. This allows the user to change the unit price or the shipment date for all variant lines at once on the matrix sales line.

If the change only applies to one or some of the variant lines, then there are two options to change the value on a specific variant line.

2.1.1.1 Change values using the matrix

For some of the fields, it is possible to open the matrix and enter the new value in the cell for the corresponding variant. The following fields are currently available to change through the matrix:

- Bin Code
- Quantity

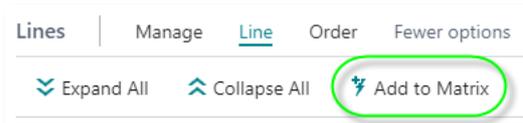
- Unit Price
- Line Discount %
- Qty. to Ship
- Qty. to Invoice

2.1.1.2 Change values directly on the variant line

Most of the values can be directly changed on the variant lines. The fields which can't be changed on the variant lines are the fields which come from the item card and the location code. The location code can only be changed on the matrix line.

2.1.2 Create matrix lines afterwards

When variant lines have been created without using the matrix, either by manually entering the variant code or through an import of order lines, it is possible to create a Matrix sales line afterwards by selecting the 'Add to Matrix' action on the action bar from the Line actiongroup.



2.1.3 Sales document

On the following sales documents, the matrix and variant lines have been made available. In the coming releases, the team will add the 'new matrix and variant lines' to all the documents. The documents on the purchase side is the next area the team will be working on.

- Sales Quote
- Blanket Sales Order
- Sales Order
- Sales Consignment Order
- Sales Invoice
- Sales Return Order
- Sales Credit Memo
- Posted Sales Shipment
- Posted Sales Invoice
- Posted Return Receipt
- Posted Sales Credit Memo

2.1.4 Technical details

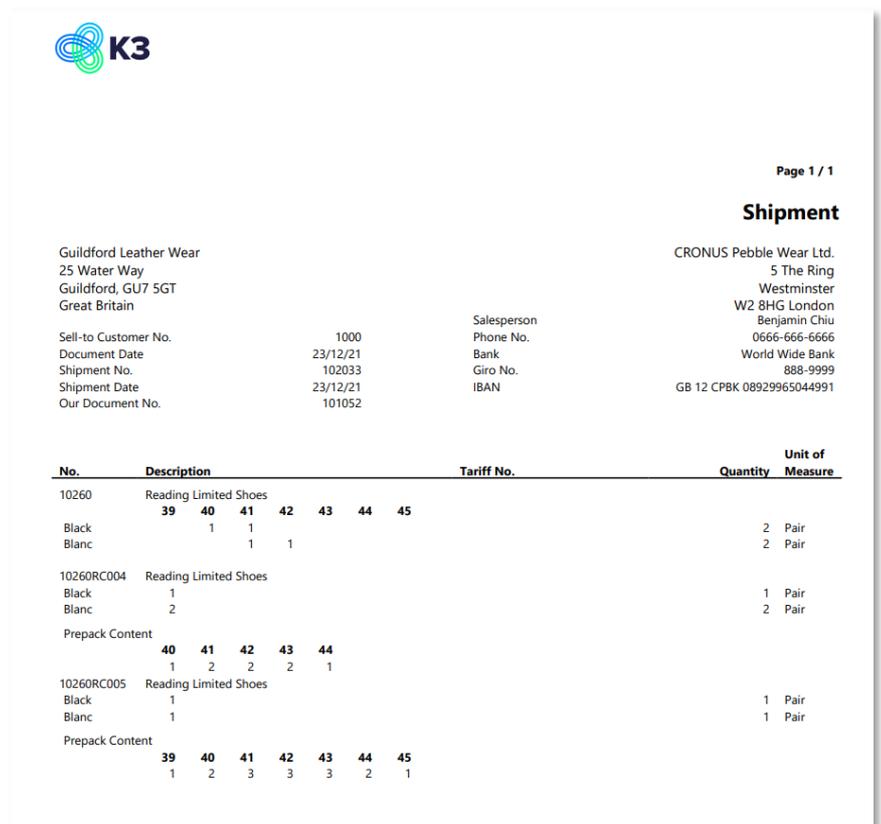
When moving from a previous version to version 21, an upgrade script will migrate the data into the new matrix sales lines. This is part of the upgrade procedure and will be done automatically, bare in mind that this could take some extra time, depending on the number of sales documents.

For more technical details, please go to the Technical release notes matrix and variant sales lines on the portal. [Click here.](#)

Please note, credentials are needed to access the Technical release notes.

2.2 Prepack content on sales shipment

On the standard Business Central report '1308 Sales shipment', a new option has been added to print prepack content. The prepack content has been added as a report extension on top of the existing Business Central sales shipment.



K3

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Shipment

| | | | |
|---|----------|-------------|---|
| Guildford Leather Wear 25 Water Way Guildford, GU7 5GT Great Britain | | | CRONUS Pebble Wear Ltd. 5 The Ring Westminster W2 8HG London Benjamin Chiu 0666-666-6666 World Wide Bank 888-9999 GB 12 CPBK 08929965044991 |
| Sell-to Customer No. | 1000 | Salesperson | |
| Document Date | 23/12/21 | Phone No. | |
| Shipment No. | 102033 | Bank | |
| Shipment Date | 23/12/21 | Giro No. | |
| Our Document No. | 101052 | IBAN | |

| No. | Description | Tariff No. | Quantity | Unit of Measure |
|------------|-----------------------|-----------------------------|----------|-----------------|
| 10260 | Reading Limited Shoes | | | |
| | | 39 40 41 42 43 44 45 | | |
| Black | | 1 1 | | 2 Pair |
| Blanc | | 1 1 | | 2 Pair |
| 10260RC004 | Reading Limited Shoes | | | |
| Black | | 1 | | 1 Pair |
| Blanc | | 2 | | 2 Pair |
| | Prepack Content | | | |
| | | 40 41 42 43 44 | | |
| | | 1 2 2 2 1 | | |
| 10260RC005 | Reading Limited Shoes | | | |
| Black | | 1 | | 1 Pair |
| Blanc | | 1 | | 1 Pair |
| | Prepack Content | | | |
| | | 39 40 41 42 43 44 45 | | |
| | | 1 2 3 3 3 2 1 | | |

2.3 Matrix on Physical Inventory Journal

The matrix has been added to the Physical Inventory Journal.

Physical Inventory Journals | Work Date: 23/12/2021

Batch Name: DEFAULT

Manage Home Prepare Line Item

Open Matrix Post Print

Posting Date: 23/12/2021 Entry Type: Positive Ad... Document No: PHIO00001

Edit - Matrix - 10003

Matrix

Matrix Value Phys. Inv... Qty. (Phys. Inventory)

Item Journal Lines

| Code | Total | XXS | XS | S | M | L | XL | XXL |
|--------------|------------|-----------|-----------|------------|------------|------------|----------|-----|
| → PINK | -80 | - | - | -20 | -40 | -20 | - | - |
| STONE | - | - | - | - | - | - | - | - |
| WASABI | 25 | 10 | 10 | - | - | - | 5 | - |
| OFF-WHITE | - | - | - | - | - | - | - | - |
| Total | -55 | 10 | 10 | -20 | -40 | -20 | 5 | |

Close

2.4 Matrix on Item Reclassification Journal

The matrix has been added to the Item Reclassification Journal.

Item Reclassification Journals | Work Date: 23/12/2021

Batch Name: DEFAULT

Manage Home Line More options

Open Matrix Post Get Bin

Posting Date: 23/12/2021 Document No: 2123 Item No: 10004

Edit - Matrix - 10004

Matrix

Matrix Value Quantity

Item Journal Lines

| Code | Total | S | M | L |
|--------------|----------|----------|----------|----------|
| → OFF-WHITE | | | | |
| PINK | 3 | 1 | 1 | 1 |
| SALMON | 3 | 1 | 1 | 1 |
| AQUA | | | | |
| MIDNIGHT | | | | |
| Total | 6 | 2 | 2 | 2 |

Close

2.5 Presales Plan

The following status has been added to the Presales Plan:

- “Pending Purchase order” – Demand has been covered by to receive purchase orders.

3 K3 Pebblestone CSR

In this release, the team worked on adding the CSR certifications and the checklist as part of the purchase process. It is now possible to set up validation checks which will give the user an error or warning messages when a certificate is not available or invalid. This allows the user to take appropriate actions during the purchase process and ensures that when a brand owner places purchase orders with vendors, basic checks on important topics for the brand owner will take place.

3.1 Purchase validation set

To help illustrate the checks that take place on important topics, we've provided some examples below:

Example 1 (Vendor and production site)

Checks will take place to ensure that no child labour has been used by a vendor or on a production site.

Example 2 (Item)

Brands can setup the system to check that items have specific standards. For example, they can see whether an item has met the GOT Global Organic Textiles Standard.

Validation rules can either be set up as an error or a warning.

The screenshots show the configuration of a validation set. The top screenshot shows a validation set named 'VAL0005 · Vendor & Item' with the following configuration:

- Code: VAL0005
- Description: No Child labor and GOT items
- Validation Type: Vendor & Item

The table below shows the rules for this validation set:

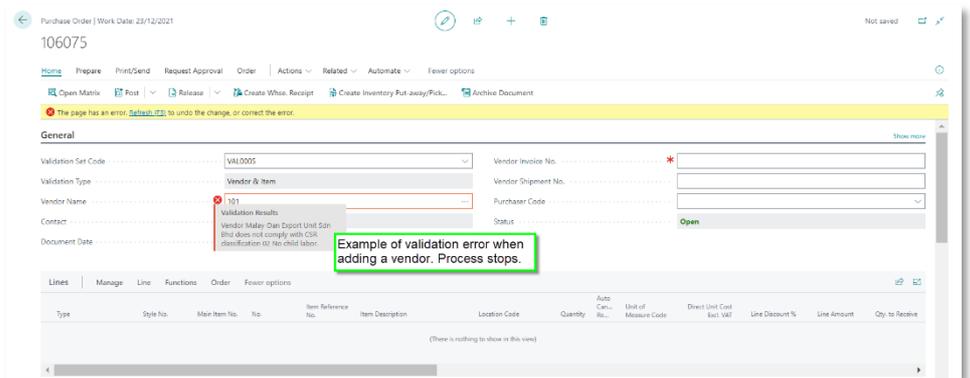
| Classification Code | Description | Classification Type | Error Tolerance | Validation Level |
|---------------------|--------------------------------------|---------------------|-----------------|------------------|
| 02 | No child labor | Vendor | Error | Vendor |
| 05 | GOT Global Organic Textiles Standard | Item | Error | |

The bottom screenshot shows a similar view but with 'Warning' instead of 'Error' in the 'Error Tolerance' column:

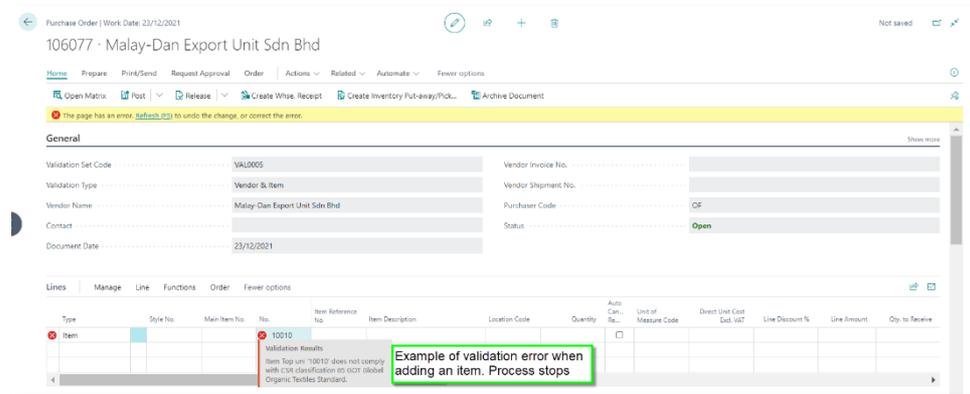
| Classification Code | Description | Classification Type | Error Tolerance | Validation Level |
|---------------------|--------------------------------------|---------------------|-----------------|------------------|
| 02 | No child labor | Vendor | Warning | Either |
| 05 | GOT Global Organic Textiles Standard | Item | Warning | |

3.2 Validation rules based on an error

When a validation rule is set up as an error, the process stops and the purchase order can't be created for the selected vendor. The same checks can also be completed for a vendor's production address. For example, the vendor could not meet a specific validation rule but the production address is meeting this rule and the purchase order can be created for the production address.

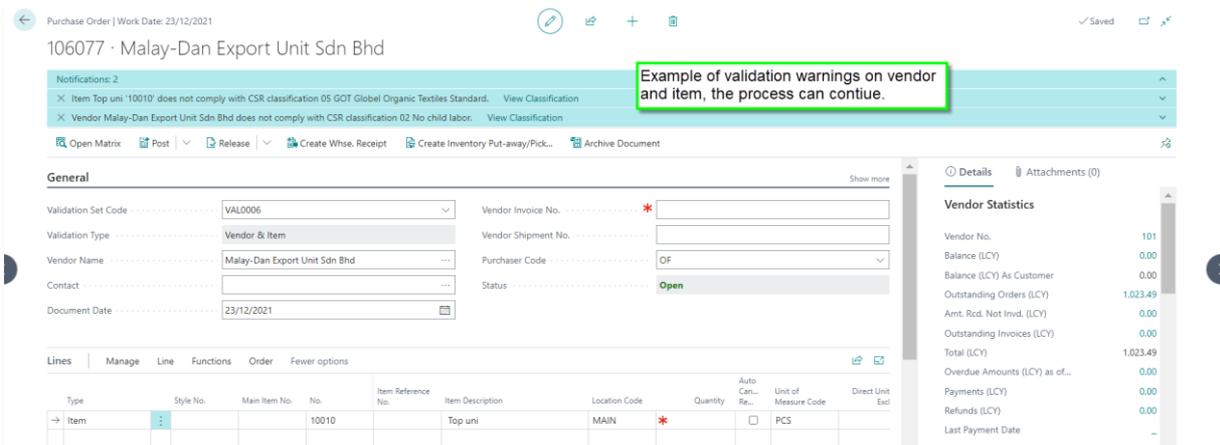


If a user is trying to add an item that does not meet a specific validation rule that has been established for an item, the following error message will appear and the process stops.



3.3 Validation rules based on a warning

Below, we've attached an example of when a warning message appears in relation to validation rules based on the vendor and item type. The user can continue the process and the notification will stay at the top of the purchase order.



When clicking on the 'View Classification', the user can go to the missing classification of the vendor or the item and, if possible, fix the missing classifications.

For more technical details, please read the Technical release notes 'K3 Pebblestone CSR' on the portal. [Click here.](#)

Please note, credentials are needed to access the Technical release notes.

4 K3 Pebblestone Manufacturing

4.1 Split production orders manually

A new option has been added to manually split production orders. This option makes it possible to split orders by item, colour, or variant.

This option also affects the existing functionality for *Order Routing per*.

The *Order Routing per* must have a value that leads to a grouping that fits within the *Split Prod. Order per* grouping.

| | Split Order per Item | Split Order per Color | Split Order per Variant |
|----------------------------------|----------------------|-----------------------|-------------------------|
| Routing per [blank] | ✓ | ✓ | ✓ |
| Routing per Item | ✓ | X | X |
| Routing per Variant | ✓ | ✓ | ✓ |
| Routing per Color | ✓ | ✓ | X |
| Routing per Size | ✓ | ✓ | X |
| Routing per 2 nd Size | ✓ | ✓ | X |

4.2 Extra fields on production order

Several fashion-specific fields have been added to the production order header (under the condition that Source Type on the Order is Item).

- Collection
- Season
- Brand
- Theme
- Gender
- Colour
- Size
- Second Size

The following fields are available on the pages:

- Planned Production Orders list
- Planned Production Order card
- Firm Planned Production Orders list
- Firm Planned Production Order card
- Released Production Orders list
- Released Production Order card
- Simulated Production Orders list
- Simulated Production Order card

On the list pages, the fields are, by default, not visible so users have to personalise their pages. On the card pages, the fields are visible but there is additional, important information that can be viewed. Users have to click *show more* to display the fields.

4.3 Filter on Source No.

When entering a Season Code and/or Brand Code on Production Order header, the Source No. tablerelation will be limited to Season and Brand (only in the case that Source Type = Item).

Please note that the *Source No.* remains unchanged if you change the Season or Brand code and the Item no longer fits the values.

| No. ↑ | Season Code | Collect... Code | Brand Code | Color Code | Size Code | Description | Source No. | Routing No. | Quantity | Starting Date-Time | Ending Date-Time | Due Date |
|-----------|-------------|-----------------|------------|------------|-----------|---------------|------------|-------------|----------|--------------------|-------------------|------------|
| P2-221752 | 2022SS | SPORTS | AWESOME | BLACK | 2 | T-shirt print | 10001 | R001 | 225 | 10/8/2022 5:09 PM | 10/8/2022 7:00 PM | 10/10/2022 |
| P2-221759 | 2022SS | SPORTS | AWESOME | ICE | 2 | T-shirt print | 10001 | R001 | 158 | 10/8/2022 5:43 PM | 10/8/2022 7:00 PM | 10/10/2022 |
| P2-221772 | 2022SS | SPORTS | AWESOME | PINK | * | T-shirt print | 10001 | R001 | 302 | 10/8/2022 4:27 PM | 10/8/2022 7:00 PM | 10/10/2022 |
| P2-221773 | 2022SS | SPORTS | AWESOME | PINK | * | T-shirt print | 10001 | R001 | 48 | 6/7/2022 6:33 PM | 6/7/2022 7:00 PM | 6/8/2022 |

Figure 1 Added fields on production order list

General Show less

| | | | | | |
|-----------------------|---------------|-------------------|---------|--------------------------|---------------|
| No. | P2-221752 | Season Code | 2022SS | Search Description | T-SHIRT PRINT |
| Description | T-shirt print | Brand Code | AWESOME | Quantity | 225 |
| Description 2 | | Gender Code | WOMEN | Due Date | 10/10/2022 |
| Source Type | Item | Theme Code | | Assigned User ID | |
| Source No. | 10001 | Color Code | BLACK | Last Date Modified | 7/4/2022 |
| Collection Code | SPORTS | Size Code | * | | |

Lines | Manage | More options 🔍 📄

| Style No. | Item No. | Due Date | Description | Production BOM No. | Routing No. | Starting Date-Time | Ending Date-Time | Quantity | Unit of Measure Code | Unit Cost |
|-----------|----------|------------|---------------|--------------------|-------------|--------------------|-------------------|----------|----------------------|-----------|
| → | 10001 | 10/10/2022 | T-shirt print | B22101 | R001 | 10/8/2022 5:09 PM | 10/8/2022 7:00 PM | 225 | PCS | 11.53 |

Figure 2 Added fields on production order card

4.4 Picklist for Manufacturing

On report Transfer shipment no. 5704, an extension has been added which includes the following fields:

- Composition Code
- Traffic No.
- Net Weight
- Gross Weight

Transfer Shipment

Printer (Handled by the browser)

Report Layout K3MFTransferShipment_RDLC

Options

No. of Copies

Show Internal Information

Show Additional Fields

Filter: Posted Transfer Shipment

× No.

× Transfer-from Code

× Transfer-to Code

CRONUS Pebble Wear Retail Services Coventry
SHOP 102
153 Thomas Drive
Coventry, CV6 1GY
Great Britain

Shipment No. 108001
Posting Date 23 December 2021
Shipment Date 23/12/21
Shipment Method OUT. LOG.
In-Transit Code

Transfer Shipment
Page 1

Main Warehouse
Eleanor Faulkner
UK Campus Bldg 5
Thames Valley Park
Reading, RG6 1WG
Great Britain

| Item No. | Description | Composition Code | Tariff No. | Net Weight | Gross Weight | Quantity | Unit of Measure |
|----------|------------------------|------------------|--------------|------------|--------------|----------|-----------------|
| 10001 | T-shirt print Pink-XS | CO90LYSPL5 | 6109 10 0040 | 0.65 | 0.7 | 2 | Piece |
| 10001 | T-shirt print Pink-XXS | CO90LYSPL5 | 6109 10 0040 | 0.65 | 0.7 | 1 | Piece |

For more technical details please go to the Technical release notes 'K3 Pebblestone Manufacturing' on the portal. [Click here](#)

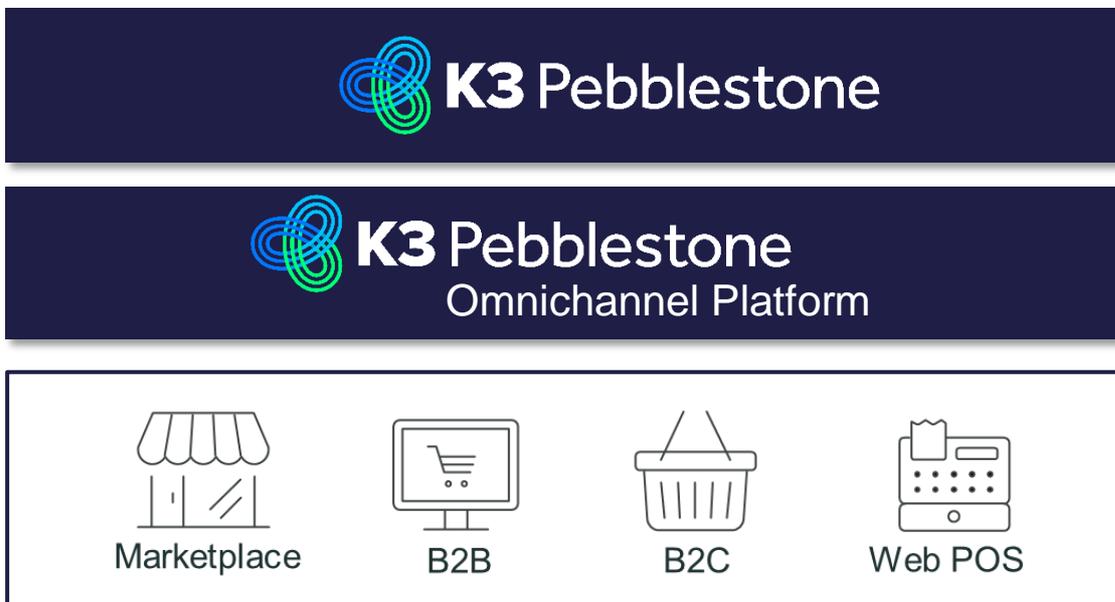
Please note, credentials are needed to access the Technical release notes.

5 K3 Pebblestone Omnichannel Platform v2.0

K3 Pebblestone Omnichannel Platform uses the APIs for Business Central and K3 Pebblestone, which makes master data integration/sharing between systems easy to implement.

The K3 Pebblestone team has created the next version of the app which means that all the SOAP APIs are now available as REST APIs and for the APIs added by K3 Pebblestone, we only focus on the connection to K3 Pebblestone and no longer on the connection to the standard of Business Central.

<https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/api-reference/v2.0/>



5.1 Available API's

| Entity | Notes |
|--|------------------|
| items <ul style="list-style-type: none"> • channels • prices • barcodes • variants <ul style="list-style-type: none"> ○ barcodes ○ prices • prepack <ul style="list-style-type: none"> ○ barcodes | Get (ready only) |
| inventory <ul style="list-style-type: none"> • barcodes | Get (ready only) |
| customer <ul style="list-style-type: none"> • shipping • channels | Get (ready only) |
| orders <ul style="list-style-type: none"> • orderAttribs • orderllines <ul style="list-style-type: none"> ○ orderAttribs | Post |
| orderStatus | Get (ready only) |
| physAdjust | Post |
| salesperson <ul style="list-style-type: none"> • salesCustomer | Get (ready only) |
| stockAdjust | Post |
| transaction <ul style="list-style-type: none"> • itemLines | Post |

| | |
|---|------------------|
| <ul style="list-style-type: none">• paymentLines | |
| transLineOut | Get (ready only) |
| transLine | Post |
| vendor <ul style="list-style-type: none">• orderAddress• channels | Get (ready only) |