# This concept described in this PWP presentation was not used in the MPH_AOPR 2023-2024 course DO NOT STUDY ! <br> Introduction to MS Dynamics 365 Business Central 

Discounts new version in MS 365 BC

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## Statements

- Discount system configuration may be different according to the Business Central version (ESF actual version has a number 22)
- The discount system also includes the creation of price lists for various customers or groups of customers and various categories of traded items.


## How to determine the Dynamics 365 Business Center version

1. Log into your Business Central software and click the 'Help' icon - a small question mark in the top right-hand corner
2. Select the 'Help \& Support' option
3. In the window that opens, in the Troubleshooting section it should display your current version number with the build version, and the product release name in brackets.

Older and more recent versions of BC on which the PWP file with serial number VIII-I (old) and VIII-II (new) is based

## Troubleshooting

Version: W1 17.2 (Platform 17.0.19353.19730 + Application 17.2.19367.19735)
Azure AD tenant: common, Environment: Production (Production)


## Old version

New version


## Discounts -reasons for use <br> (already mentioned in the file BC - 8-1)

- Use of discounts:
- Support of „Sales" actions->lower stock value and better liquidity
- Support of marketing ->new clients
- Basic incentives for any client
- To differentiate between clients (based on sales in the last period or other criteria)
- Types:
- Price ->modification of Unit Price
- Line ->change the final price in \%
- Invoice Discount -> based on the level of invoiced amount


## Discount calculations I

(already mentioned in the file BC - 8-1)

- Unit price=100
- We can manually reduce the Unit price to a lower level, for instance, 90, so the new updated Unit price on the created document will be $\mathbf{9 0}$
- We can assign to selling (purchasing) line discount in \%, so let's use a $10 \%$ line discount
- The final Unit price will then be $\mathbf{9 0 *} 0,9=81$


## Creation of the new customer I.

Chosen role = Sales Order Processor -> Customers -> New -> Template_


## Creation of the new customer II.



## Payments

Prepayment \%
Application Method
Partner Type
Payment Terms Code

Payment Method Code

Reminder Terms Code

Fin. Charge Terms Code $\ldots \ldots$
Cash Flow Payment Terms Code
Print Statements $\ldots \ldots \ldots$
Last Statement No. $\ldots \ldots \ldots$
Block Payment Tolerance . . . .
Preferred Bank Account Code


## Invoice discount setup on our new customer



## New item creation I



## New item creation II

| Item |  |  |  |  | Show less |
| :---: | :---: | :---: | :---: | :---: | :---: |
| No. | MIII_034 | $\ldots$ | GTIN |  |  |
| Description | Cradle |  | Item Category Code | FURNITURE | $\checkmark$ |
| Blocked | $\bigcirc$ |  | Service Item Group |  | $\checkmark$ |
| Type | Inventory | $\checkmark$ | Automatic Ext. Texts | $\bigcirc$ |  |
| Base Unit of Measure | PCS | $\checkmark$ | Common Item No. |  |  |
| Last Date Modified | 2023/02/22 |  | Purchasing Code |  | $\checkmark$ |



## New item creation III

## Values of some fields are entered manually on the card



| Replenishment |  |  |  |  | Show less |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Replenishment System | Purchase | $\checkmark$ | Production |  |  |
| Lead Time Calculation |  |  | Manufacturing Policy | Make-to-Stock | $\checkmark$ |
| Purchase |  |  | Routing No. |  | $\checkmark$ |
| Vendor No. | 10000 | $\checkmark$ | Production BOM No. |  | $\checkmark$ |
| Vendor Item No. |  |  | Rounding Precision |  | 1 |
| Purch. Unit of Measure | PCS | $\checkmark$ | Flushing Method | Manual | $\checkmark$ |
| Purchasing Blocked | $\bigcirc$ |  | Overhead Rate |  | 0,00 |
|  |  |  | Scrap \% |  | 0 |
|  |  |  | Lot Size |  | 0 |
|  |  |  | Assembly |  |  |
|  |  |  | Assembly Policy | Assemble-to-Stock | $\checkmark$ |
|  |  |  | Assembly BOM | No |  |

## Purchasing item by use of Item journal



| Item Ledger Entries | Search | Entry | - Actions | Related Few | tions |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Posting Date | Entry Type | Document Type |  | Document No. | Item No. $\mathbf{T}$ | Location Code | Serial No. | Lot No. | Quantity | Invoiced Quantity | Remaining Quantity | Cost Amount (Actual) | Open |
| 2023/02/28 $\quad$ | Purchase |  |  | T00052 | MIKI O334 | BLUE | - | - | 20 | 20 | 20 | 1400,00 | V |

So far we have only used Purchase orders for replenishment. Now we will use this item journal. Everything is the same except that the vendor is not included in this type of replenishment.

## Setup of discounts from Customer card

## - Types of settings (combinations of discounts)

| For whom | What for? |  | Unit price | Line discount |
| :--- | :--- | :--- | :--- | :--- |
| Customer | Item |  | Our 1st model |  |
| Customer Discount Group | Item |  |  |  |
| Customer | Item Discount Group |  |  |  |
| Customer Discount Group | Item Discount Group |  |  |  |
| All Customers | Item |  |  |  |
| All Customers | Item Discount Group |  |  |  |

## Customer（chosen Customer number C00200）

| $\underline{C 00200}$ | The | The Kingdom of Furniture |  | No．$\uparrow$ | Name |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Navigate |  |  |  | C00010 | KPS Brno |
| Sales Price Lists |  |  |  | Prices \＆Discounts © Prices |  |
| 目 Sales Pric |  |  |  | We Line Discounts |  |
| Sales Discounts |  |  |  | ค View |  |
| Price List Lines｜Work Date：2023／02／28 |  |  |  |  |  |
| $\bigcirc$ Search 馿 Edit List |  |  | I步Sales Price Lists | I步 Sales Job Price Lists |  |
| Price List Code $\uparrow$ |  | Price List Description | Status | Product Type | Produc |
| （There is nothing to show in this view） |  |  |  |  |  |

In the newer version of BC，we have to access the Sales Price list through the search window

## Sales Price List access (new BC)

## Go to Pages and Tasks


$>$ Sales Job Price Lists
Lists

Sales Price Worksheet
TasksThis page is used by a feature that is not enabled.
For more information, see Feature Management.

Copy details
See next slide

## Feature Management

| Tell me what you want to do |
| :--- |
| feat |
| Go to Pages and Tasks |
| $>$ Feature Manaqement |



Use new sales pricing experience

## Use new sales pricing experience

- If you record special prices and line discounts for sales and purchases, Business Central can automatically calculate prices on sales and purchase documents, and on job and item journal lines. The price is the lowest permissible price with the highest permissible line discount on a given date. Price calculation in Business Central can fit many businesses, but there are also many that have industry or business-specific pricing needs. This improvement addresses such needs by making price calculation and its user experience easily extendable.
- By default, the status of new price lists is Draft. When you're done adding lines and want the price calculation engine to include it, you can change the status to Active.
- To review price lists and prices that apply for specific customers or vendors, on the Customer page, choose Sales Price Lists or, on the Vendor page, choose Purchase Price Lists. You can view price list lines set in various price lists by choosing Sales Prices or Purchase Prices from the Item and Resource pages.


## Sales Price Lists

- The system opens previously created Sales Price Lists for other customers created before and other types of discounts for selected items. These Lists can have different states such as Active or Draft or Inactive


Let's create a new Sales Price List

## Let's create a new Sales Price List (header)



## Let's create a new Sales Price List (lines)

In the rows it is necessary to set both the quantity determining levels for activating the quantity rebates and then the modification of Sales Price and Line Discounts in \%


## Sales Price List afer editing



## Sales Order lines (SO lines)

1st part of the line

| Type |  | No. | Reference No. | Catalog | Description | Line Discount Amount | Allow Invoice Disc. | Drop Ship... | Asse... Order No. | Pur... Code | Special Order | Location Code | Quantity |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Item |  | MIKI_034 |  | $\square$ | Cradle | 0,00 | $\square$ | $\square$ |  |  | $\square$ | BLUE | 1 |
| Item |  | MIKI_034 |  | $\square$ | Cradle | 0,00 | $\square$ | $\square$ |  |  | $\square$ | BLUE | 5 |
| Item |  | MIKI_034 |  | $\square$ | Cradle | 36,00 | $\nabla$ | $\square$ |  |  | $\square$ | BLUE | 8 |
| Item | ! | MIKI_034 |  | $\square$ | Cradle | 80,00 | $\nabla$ | $\square$ |  |  | $\square$ | BLUE | 10 |

Followed by the second part of the line

| Quantity | Appl.-to Item Entry | Qty. to Assemble to Order | Reserved Quantity | Appl.-from Item Entry | Unit of <br> Measure Code | Unit Price Excl. VAT | Line Discount \% | Line Amount Excl. VAT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 0 | - | - | 0 | PCS | 100,00 |  | 100,00 |
| 5 | 0 | - | - | 0 | PCS | 90,00 |  | 450,00 |
| 8 | 0 | - | - | 0 | PCS | 90,00 | 5 | 684,00 |
| 10 | 0 | - | - | 0 | PCS | 80,00 | 10 | 720,00 |

Calculation method Line discount amount presented on 3rd Sales Order line :
8 * $90=720$
720 * 0,95=684, where 0,95 represents $5 \%$ of discount
Unit Discount Amount is calculated : 720-684=36

## Customer card one possibility to access discount

| No. $\uparrow$ | Name | Center | Location Code | Phone No. | Contact |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 01121212 | Spotsmeyer's Furnishings |  | YELLOW |  | Mr. Mike Nash |
| 01445544 | Progressive Home Furnishings |  | YELLOW |  | Mr. Scott Mitchell |
| 01454545 | New Concepts Furniture |  | YELLOW |  | Ms. Tammy L. McDonald |
| 01905893 | Candoxy Canada Inc. |  | YELLOW |  | Mr. Rob Young |
| 01905899 | Elkhorn Airport |  | YELLOW |  | Mr. Ryan Danner |
| 01905902 | London Candoxy Storage Cam... |  | YELLOW |  | Mr. John Kane |
| 10000 ) | The Cannon Group PLC | BIRMINGHAM | BLUE |  | Mr. Andy Teal |
| Prices \& Discounts | Selangorian Ltd. |  |  |  | Mr. Mark McArthur |
| $\oplus$ Prices | Metatorad Malaysia Sdn Bhd |  | YELLOW |  | Mrs. Azleen Samat |
| T Line Discounts | Highlights Electronics Sdn Bhd |  | GREEN |  | Mr. Mark Darrell Boland |
| Manage | TraxTonic Sdn Bhd |  | YELLOW |  | Mrs. Rubina Usman |
| Q View | Somadis |  | YELLOW |  | M. Syed ABBAS |

## Customer card ->2nd possibility to access discount



Here you can set the different unit prices in absolute values as well as the \% discount depending on the quantity of items.

## Customer card-3rd possibility to setup discounts

Customer Card | Work Date: 7/20/2022


10000 • The Cannon Group PLC


## Invoice discount activation




## Sales Invoice

Invoice
103229

CRONUS, London RC.
The Kingdom of Furniture
Jack S. Richins Kensington Street, 22 London, N12 5XY Great Britain
+44-999 154642

| Document Date | Due Date | Payment Terms |
| :--- | :--- | :--- |
| 28 February 2023 | 14 March 2023 | Net 14 days |


| No. | Description | Quantity | Unit | Unit Price Excl. VAT |  | VAT \% | Line Amount Excl. VAT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MIKI_034 | Cradle | 1 | Piece | 100,00 |  | 10 | 100,00 |
| MIKI_034 | Cradle | 5 | Piece | 90,00 |  | 10 | 450,00 |
| MIKI_034 | Crade | 8 | Piece | 90,00 | -5\% | 10 | 684,00 |
| MIKI_034 | Crade | 10 | Piece | 80,00 | -10\% | 10 | 720,00 |
|  |  |  |  |  | Subtotal |  | 1954,00 |
|  |  |  |  |  | Invoice Discount |  | -195,40 |
|  |  |  |  |  | Total $£$ Excl. VAT |  | 1758.60 |
|  |  |  |  |  | 10\% VAT |  | 175.86 |
|  |  | Total $£$ |  |  |  |  | 1934,46 |

PayPal
Pay with PayPal (NOTE: This Is a test invoice. Therefore, no actual money transfer will be made.)

## G/L Entries from Customer Ledger entries

## Customer Card->Ctrl-F7->Entry->Find entries



Discount Granted G/L Account


## Value entries after sales

| Q Show Related Entries | 4 Find | 的 Print... | Actions |
| :---: | :---: | :---: | :---: |
|  | Related Entries |  |  |
|  | Posted Sales Invoice |  |  |
|  | G/L Entry |  |  |
|  | VAT Entry |  |  |
|  | Cust. Ledger Entry |  |  |
|  | Detailed Cust. Ledg. Entry |  |  |
| $\rightarrow$ | Value Entry. |  |  |


| Posting Date $\mathbf{Y}$ |  | Valuation Date | Variance Type | Item Ledger Entry Type | Entry Type | Adj... | Document Type | Document No. $\uparrow$ | Order No. | Charge No. | Description | Sales Amount (Actual) | Cost Posted to G/L (ACY) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2023/02/28 | $\vdots$ | 2023/02/28 |  | Sale | Direct Cost | $\square$ | Sales Invoice | 103229 |  |  |  | 90,00 | 0,00 |
| 2023/02/28 |  | 2023/02/28 |  | Sale | Direct Cost | $\square$ | Sales Invoice | 103229 |  |  |  | 405,00 | 0,00 |
| 2023/02/28 |  | 2023/02/28 |  | Sale | Direct Cost |  | Sales Invoice | 103229 |  |  |  | 615,60 | 0,00 |
| 2023/02/28 | $\vdots$ | 2023/02/28 |  | Sale | Direct Cost |  | Sales Invoice | 103229 |  |  |  | $648,00$ | 0,00 |

Original Unit price $=684$, VAT $10 \%=68,4$ and
Selling price without VAT $=615,60=684-68,4$

## Next new item type cradle



So after buying with Item journal we will have two cradles with the same Item Discount Group = Resale. Both cradles have also dimension Furniture with Dimension Value =Cradle

## Setup of discounts from item

- Types of settings (combinations)

| For whom |  | What for? | Unit price |
| :--- | :--- | :--- | :--- |
| Customer | Item | Line discount |  |
| Customer Discount Group | Item |  |  |
| Customer | Item Discount group | not allowed |  |
| Customer Discount Group | Item Discount Group |  |  |
| All Customers | Item |  |  |
| All Customers | Item Discount Group |  |  |

## Setup of discounts from item I



| $\leftarrow$ | Price List Lines \| Work Date: 2023/02/28 |  |  |  |  |  | $\checkmark$ Saved $\square^{*}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\bigcirc$ Search | 験 Edit List | 野 Verify Lines... | IESS Sales Price Lists | Ibs Sales Job | Lists |  | Q $\square^{2}$ |
|  | Price List Code $\uparrow$ |  | Price List Description | Status | Assign-to Type | Assign-to | Product <br> Type | Product NC |
|  | (There is nothing to show in this view) |  |  |  |  |  |  |  |

## Setup of discounts from item card II




## Setup of discounts from item II



## Sales Order Line (applied Item Discount Group)

1st part of the line

| Lines | Manage | - Line | Order NVR CBL Service |  | Fewer options |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type |  | No. | Item Reference No. | Catalog | Description | Line Discount Amount | Allow Invoice Disc. | Drop Ship... | Asse... Order No. | Pur... Code | Special Order | Location Code | Quantity |
| Item | : | MIKI_034 |  | $\square$ | Cradle for very small babi... | 30,00 | $\nabla$ | $\square$ |  |  | $\square$ |  | 3 |
| $\rightarrow$ Item | $\vdots$ | MIKI_035 |  | $\square$ | Cradle for famous babies | 30,00 | $\nabla$ | $\square$ |  |  | $\square$ |  | 3 |

2nd part of the line

| Quantity | $\begin{aligned} & \text { Appl.-to Item } \\ & \text { Entry } \end{aligned}$ | Qty. to Assemble to Order | Reserved Quantity | Appl.-from Item Entry | Unit of Measure Code | Unit Price Excl. VAT | Line Discount \% | Line Amount Excl. VAT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | 0 | - | - | 0 | PCS | 100,00 | 10 | 270,00 |
| 3 | 0 | - | - | 0 | PCS | 100,00 | 10 | 270,00 |

## Best Price Calculation $\Rightarrow$ home study

After you record Special prices and line discounts for sales and purchases, Business Central calculates the best price on sales and purchase documents, and on job and item journal lines.

The best price is the lowest price with the highest line discount allowed on a given date.
Business Central calculates best prices when it adds unit prices and the line discount percentages on document and journal lines.

## Item Price List

| price list |  |
| :---: | :---: |
| On current page（Sales Order Processor） |  |
| 圆 Price List <br> View a list of your items and their prices，for example，to send to customers．You can create the list for specific customers，campaigns，currencies，or other criteria． |  |
| Go to Pages and Tasks |  |
| ＞Sales Price Lists | Lists |
| ＞Purchase Price Lists | Lists |
| ＞Sales Job Price Lists | Lists |
| Go to Reports and Analysis |  |
| 国 Price List | Reports and Analysis |
| 国 Item Price List | Reports and Analysis |
| 国 Resource Price List | Reports and Analysis |

## Item Price list

| Item Price List $\square \checkmark$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Printer . . . . . . . . . . . . . . . (Handled by the browser) |  |  |  |  |
|  |  |  |  |  |
| Date $\cdots$. . . . . . . . . . . . . . . $2023 / 02 / 28$ 雷 |  |  |  |  |
| Price Calculation Method . . . . . Lowest Price |  |  |  |  |
|  |  |  |  |  |
| Assign-to Type .............. ${ }^{\text {Customer }}$ ( ${ }^{\text {a }}$ |  |  |  |  |
| Assign-to ................ C00200 ... |  |  |  |  |
| Currency Code |  |  |  |  |
| Filter: Item |  |  |  |  |
|  |  |  |  |  |
| + Filter... |  |  |  |  |
| Filter totals by: |  |  |  |  |
| + Filter... |  |  |  |  |
|  | Send to... | Print | Preview | Cancel |

## Price List




## End of the section

(Discounts new version)


This is the end
Beautiful friend
This is the end
My only friend, the end...
So why worry now ......

