

ERP Simplified BC

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Faculty of Business and Administration

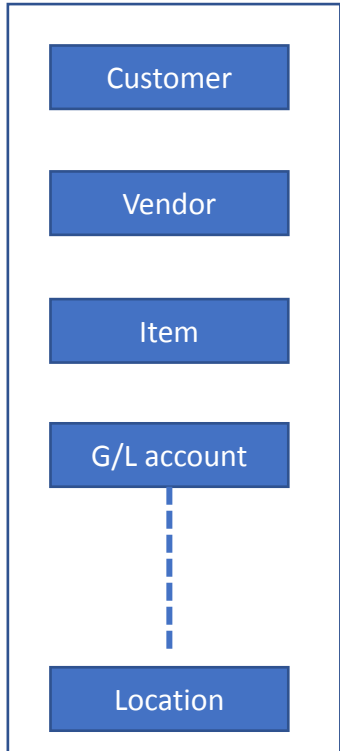
Masaryk University Brno

Czech Republic

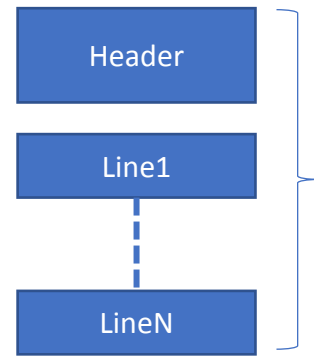
This short presentation is only to refresh the memory of those who have already attended BPH_PIS1 where they used Microsoft Dynamics NAV 2018.

For the students of the MPH_AOPR course, this presentation serves as a supplementary explanation of the basic functions in the initial hours of the course

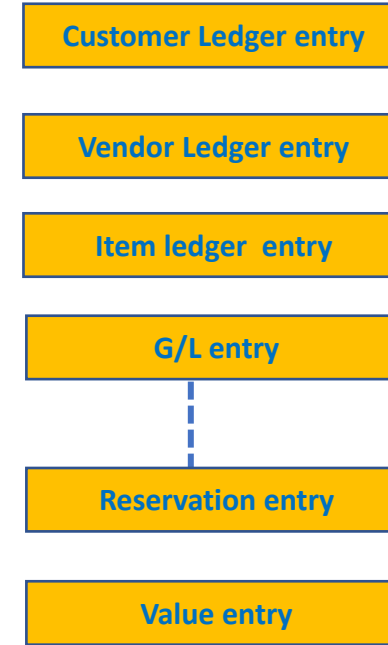
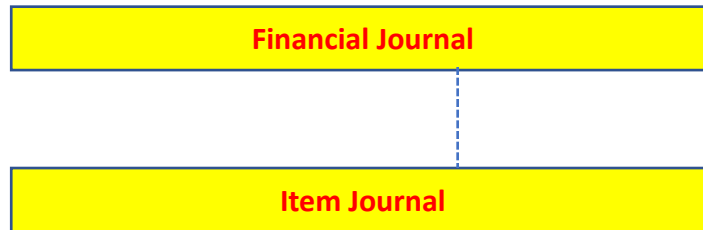
Tables (data)



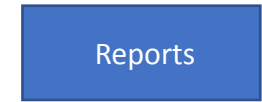
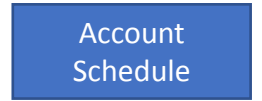
Registration (posting)->transactions (entries)



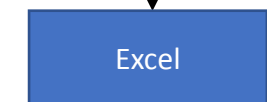
Document
(style)



Row data



Export



Processes :
(sales, purchase, payments, production, service orders,..)

Business Central Objects

- Tables (data)
- Forms (to display data)
- Reports (organized data-> Valid information)
- I/O ports (communication BC- > external environment)
- Menus
- Scripts (programs to handle data)

Part of **table** displayed by the card type screen (**form**)

Customer Card | Work Date: 2023/01/31 ✓ Saved

10000 · The Cannon Group PLC

New Document | Request Approval | Prices & Discounts | Navigate | Customer | More options

General Show more

No.	<input type="text" value="10000"/>	...	Credit Limit (LCY)	<input type="text" value="0,00"/>
Name	<input type="text" value="The Cannon Group PLC"/>			Blocked
Balance (LCY)	277 559,78			Total Sales
Balance Due (LCY)	76 319,31			203 022,51
			Costs (LCY)	26 538,12


Address & Contact Show less

Address		Mobile Phone No.	<input type="text"/>
Address	<input type="text" value="192 Market Square"/>	Email	<input type="text"/>
Address 2	<input type="text"/>	Fax No.	<input type="text"/>
Country/Region Code	GB	Home Page	<input type="text"/>
City	Birmingham	Language Code	ENG
County	<input type="text"/>	Contact	
Post Code	B27 4KT	Contact Code	CT000008
Show on Map		Contact Name	Mr. Andy Teal
Phone No.	<input type="text"/>		

Invoicing Show less

Details | Attachments (1)

Customer Picture



Sell-to Customer Sales History

Customer No. 10000

0	0	12
Ongoing Sales Quotes	Ongoing Sales Blanket Orders	Ongoing Sales Orders
0	0	0
Ongoing Sales Invoices	Ongoing Sales Return Orders	Ongoing Sales Credit Memos
27	22	1
Posted Sales Shipments	Posted Sales Invoices	Posted Sales Return Receipts

Part of table displayed as a **list**

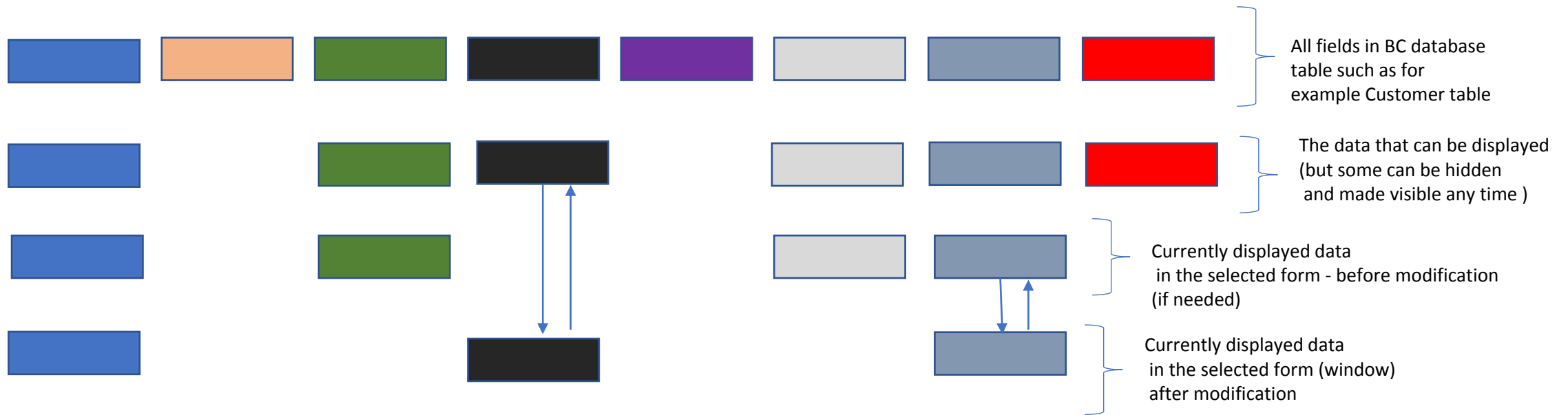
Dynamics 365 Business Central

CRONUS International Ltd. | Sales ▾ Purchasing ▾ Inventory ▾ Posted Documents ▾ | ≡

Customers: All ▾ | 🔍 Search + New 🗑 Delete Process ▾ Report ▾ New Document ▾ Customer ▾ Navigate ▾ Prices & Discounts ▾ | Actions ▾ Related ▾ Reports

No. ↑	Name	Responsibility Center	Location Code	Phone No.	Contact	Balance (LCY)	Balance Due (LCY)	Sales (LCY)	Payments (LCY)
01121212	Spotsmeyer's Furnishings		YELLOW		Mr. Mike Nash	0,00	0,00	0,00	0,00
01445544	Progressive Home Furnishings		YELLOW		Mr. Scott Mitchell	1 499,03	0,00	1 499,03	0,00
01454545	New Concepts Furniture		YELLOW		Ms. Tammy L. McDonald	257 463,19	257 463,19	35 221,87	0,00
01905893	Candoxy Canada Inc.		YELLOW		Mr. Rob Young	0,00	0,00	0,00	0,00
01905899	Elkhorn Airport		YELLOW		Mr. Ryan Danner	0,00	0,00	0,00	0,00
01905902	London Candoxy Storage Cam...		YELLOW		Mr. John Kane	0,00	0,00	0,00	0,00
<u>10000</u>	⋮ The Cannon Group PLC	BIRMINGHAM	BLUE		Mr. Andy Teal	277 559,78	76 319,31	203 022,51	266 051,...
20000	Selangorian Ltd.				Mr. Mark McArthur	95 552,30	86 929,65	7 981,33	125 050,...
20309920	Metatorad Malaysia Sdn Bhd		YELLOW		Mrs. Azleen Samat	0,00	0,00	0,00	0,00
20312912	Highlights Electronics Sdn Bhd		GREEN		Mr. Mark Darrell Boland	0,00	0,00	0,00	0,00
20339921	TraxTonic Sdn Bhd		YELLOW		Mrs. Rubina Usman	0,00	0,00	0,00	0,00
21233572	Somadis		YELLOW		M. Syed ABBAS	0,00	0,00	0,00	0,00
21245278	Maronegoce		BLUE		Mme. Fadoua AIT MOUSSA	0,00	0,00	0,00	0,00

Table (in our example one table model)



How to Display Hidden Fields 1st step



Dynamics 365 Business Central

CRONUS International Ltd. | Sales | Purchasing | Inventory | Posted Documents | Shopify

Items: All | Search | New | Delete | Home | Item | Prices & Discounts | Attributes | Report | Actions | Related | Reports | Fewer options

No. ↑	Description	Type	Inventory	Substi... Exist	Assem... BOM	Production BOM No.	Routing No.	Base Unit of Measure	Cost is Adj...
1000	Bicycle	Inventory	32	No	No	1000	1000	PCS	<input type="checkbox"/>
1001	Touring Bicycle	Inventory	0	No	No	1000	1000	PCS	<input checked="" type="checkbox"/>
1100	Front Wheel	Inventory	152	No	No	1100	1100	PCS	<input type="checkbox"/>

Item No. 1000

Personalize

- Design
- My Settings
- Company information
- Assisted setup
- Advanced settings

The screenshot shows the Dynamics 365 Business Central interface. The top navigation bar includes a gear icon for settings, which is highlighted with a red box and an arrow pointing to a dropdown menu. The dropdown menu is also highlighted with a red box and contains the following options: Personalize, Design, My Settings, Company information, Assisted setup, and Advanced settings. The main content area displays a table of items with columns for No., Description, Type, Inventory, Substi... Exist, Assem... BOM, Production BOM No., Routing No., Base Unit of Measure, and Cost is Adj... The table lists three items: 1000 Bicycle, 1001 Touring Bicycle, and 1100 Front Wheel. The 'Cost is Adj...' column has checkboxes, with the one for item 1001 checked.

How to Display Hidden Fields 2nd step

Dynamics 365 Business Central

Personalizing: Items + Field Clear personalization... Done

CRONUS International Ltd. | Sales | Purchasing | Inventory | Posted Documents | Shopify

Items: All Search + New Delete Home Request Approval Item Prices & Discounts Attributes Report Actions Related

Personalizing: Items + Field Clear personalization... Done ^ Less

CRONUS International Ltd. | Sales | Purchasing | Inventory | Posted Documents | Shopify

Items: All Search + New Delete Home Request Approval Item Prices & Discounts Attributes Report

No. ↑	Description	Type	Inventory	Substi... Exist	Assem... BOM	Production BOM No.	Routing No.
1000	Bicycle	Inventory	32	No	No	1000	1000
1001	Touring Bicycle	Inventory	0	No	No	1000	1000
1100	Front Wheel	Inventory	152	No	No	1100	1100
1110	Rim	Inventory	400	No	No		
1120	Spokes	Inventory	10,000	No	No		
1150	Front Hub	Inventory	200	No	No	1150	1150
1151	Axle Front Wheel	Inventory	200	No	No		
1155	Socket Front	Inventory	200	No	No		
1160	Tire	Inventory	200	No	No		
1170	Tube	Inventory	200	No	No		
1200	Back Wheel	Inventory	152	No	No	1200	1200
1250	Back Hub	Inventory	200	No	No	1250	1150

Item Details - Invoicing

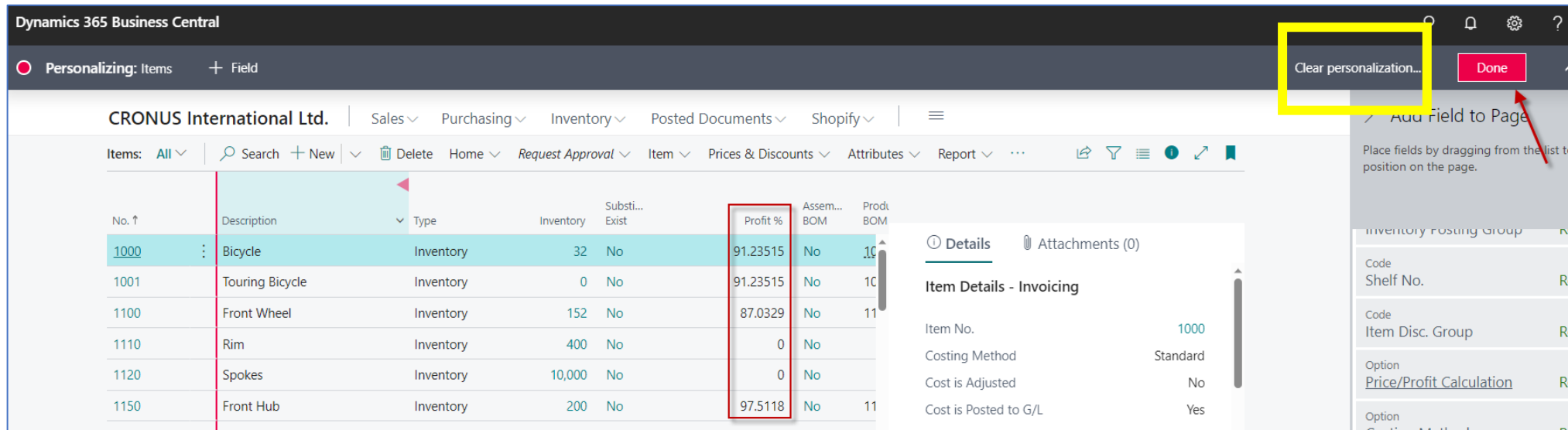
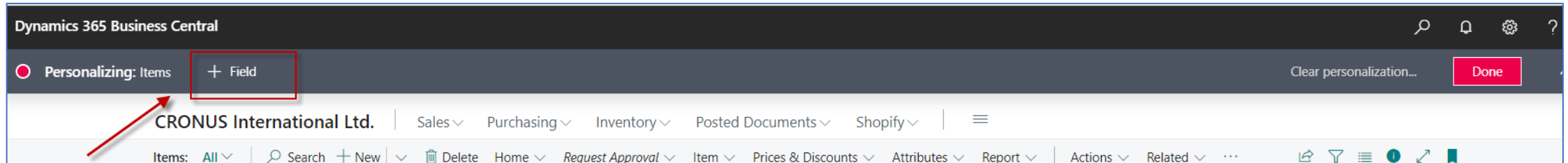
Item No. 1000
Costing Method Standard
Cost is Adjusted No
Cost is Posted to G/L Yes
Standard Cost 350.594
Unit Cost 350.594
Overhead Rate 0.00
Indirect Cost % 0
Last Direct Cost 0.00
Profit % 91.23515
Unit Price 4,000.00

Add Field to Page

Place fields by dragging from the list to a position on the page.

- Code VAT Prod. Posting Group Ready
- Boolean Coupled to Dynamics 365 ... Ready
- Option Assembly Policy Ready
- Option Flushing Method Ready
- Option Replenishment System Ready
- Code Sales Unit of Measure Ready
- Code Purch. Unit of Measure Ready

How to Display Hidden Fields 3rd step (drag & drop)



We have used drag & drop to move the Profit % field into the list where it was not displayed before. The transfer is confirmed with the Done button. **Clear Personalization** is used to clear either one or more modifications

The nature of the data stored in the fields

- Real numbers
- Texts
- Date and period (21.2.2023 or 1W)
- Boolean (yes or no->Checked or not checked)
- Time
- Menus and so on...

General	
No.	10000
Name	The Cannon Group PLC
Balance (LCY)	277 559,78
Balance Due (LCY)	76 319,31

Prices and Discounts	
Currency Code	
Customer Price Group	
Customer Disc. Group	
Allow Line Disc.	<input checked="" type="checkbox"/>
Invoice Disc. Code	10000
Prices Including VAT	<input type="checkbox"/>

Lines	Manage	Line	Order	NVR CBL Service	Fewer options							
Type			Qty. to Ship	Quantity Shipped	Qty. to Invoice	Quantity Invoiced	Qty. to Assign	Qty. Assigned	Planned Delivery Date	Planned Shipment Date	Shipment Date	Department Code
→ Item		⋮					0	-	2023/01/19	2023/01/18	2023/01/18	SALES

End of story