# Business Central Introduction II

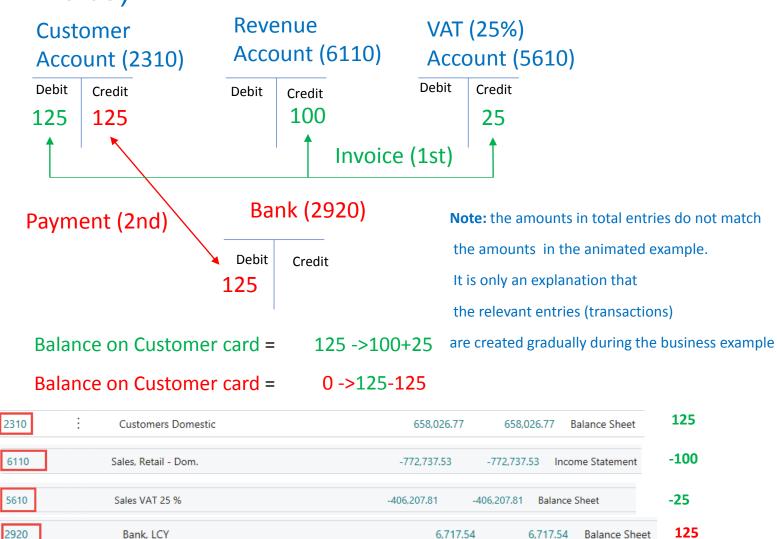
(ERP=Microsoft Dynamics 365 Business Central)

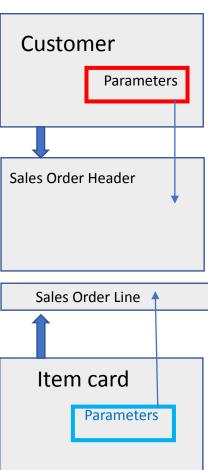
Ing.Jaromír Skorkovský, CSc.

Masaryk University Brno

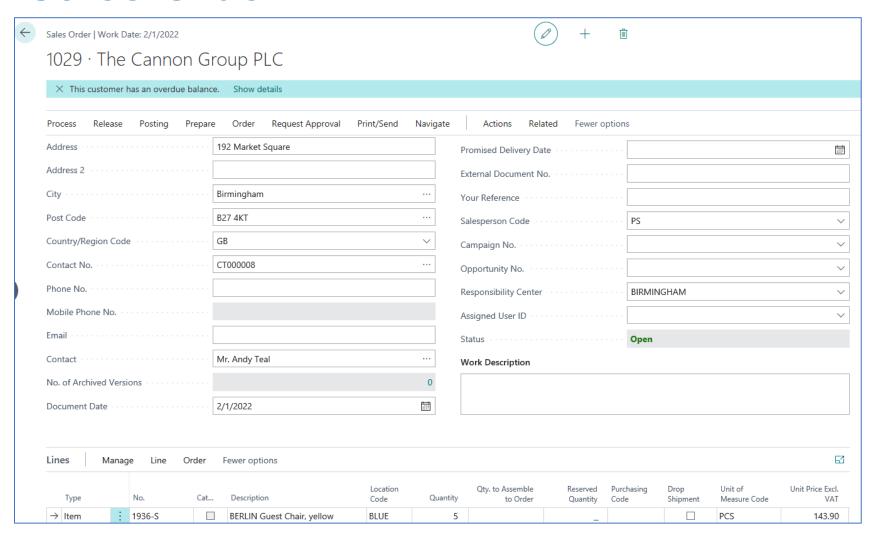
Czech Republic

## Double-entry booking (Selling process -> Sales Order->Sales Invoice)



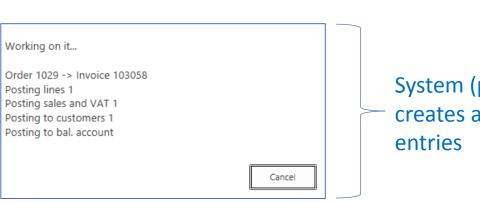


#### Sales Order



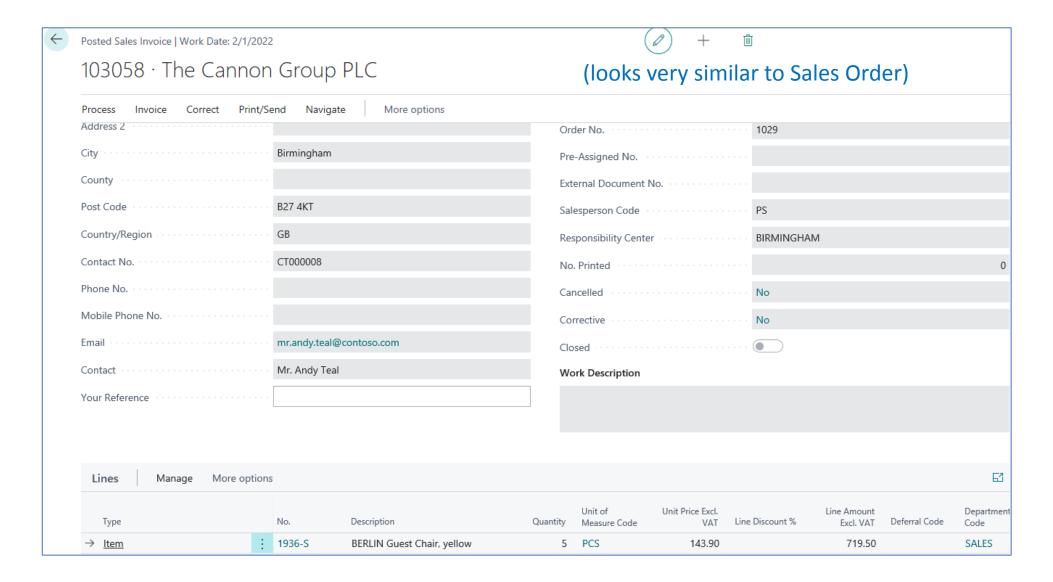
### Sales Invoice (F9) —



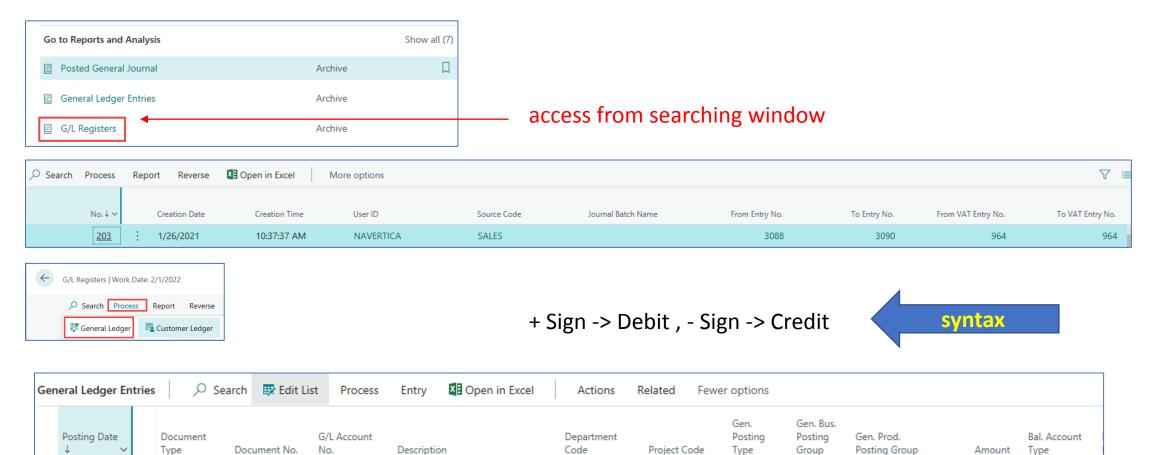


System (posting script) creates all relevant entries

#### Posted Sales Invoice



## General Ledger (impacts of Posting Sales Order)



SALES

SALES

SALES

 $\rightarrow |2/1/2022|$ 

2/1/2022

2/1/2022

103058

103058

103058

Invoice

Invoice

Invoice

6110

5610

2310

Order 1029

Order 1029

Order 1029

DOMEST... RETAIL

G/L Account

G/L Account

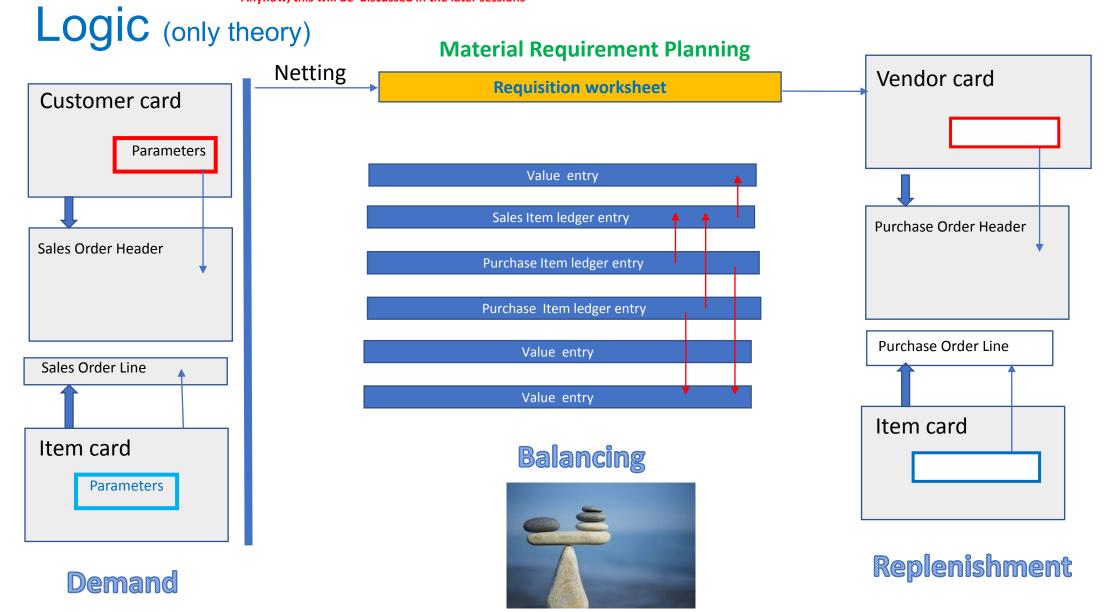
899.38 G/L Account

Sale

#### Demand creation –Sales Order (only theory so far)

- Reasons for demand creation
  - Planning calculation of replenishment and Creation of Purchase Order (PO)
  - Creation of two different PO covering demand with different costs
  - Posting both PO documents
  - Partly posting of Sales Order
  - See applied Item Ledger Entries (what happened to the goods in the store)
  - See important fields on the Item card (parametr controlling processes)
  - Inventory Adjustment (will be discussed later in the course )
  - See the impact on item General Ledger Entries, Value Entries (later in the course) and General Ledger entries

Business Central supports supply planning for **wholesale companies**, where the resulting supply orders can only be transfer and purchase orders. The main interface for this planning work is the **Requisition Worksheet** page, which will be shortly described by tutor. **Anyhow, this will be discussed in the later sessions** 



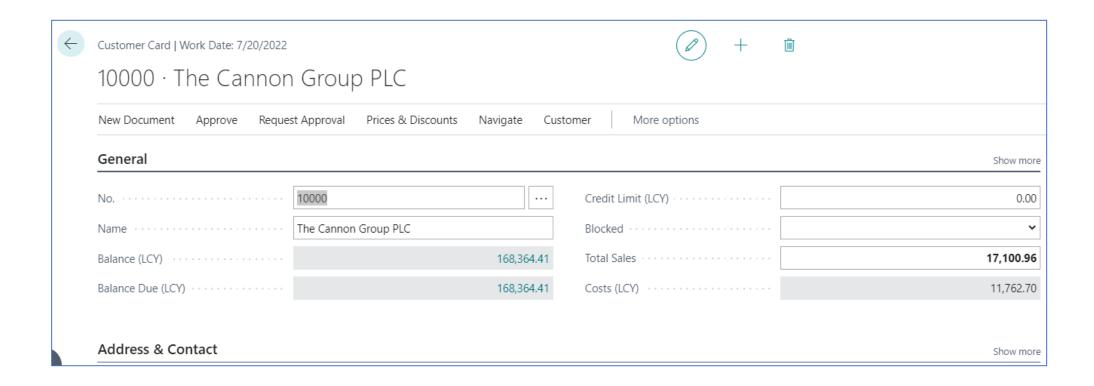
#### Customer card I (revision)

CRONUS International Ltd. | Finance > Journals > Cash Management > Cost Accounting > Fixed Assets > Chart of Accounts | Bank Accounts | Customers | Vendors | Purchase Orders | Incoming Documents | Purchase Invoices |

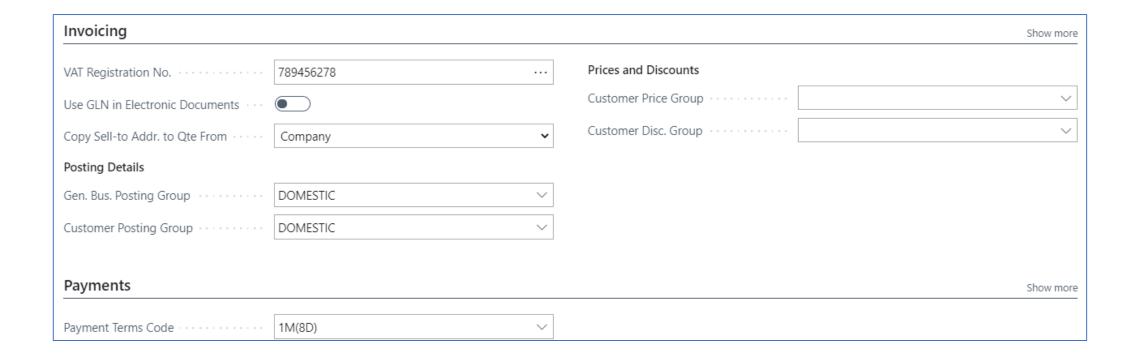
#### Customer list



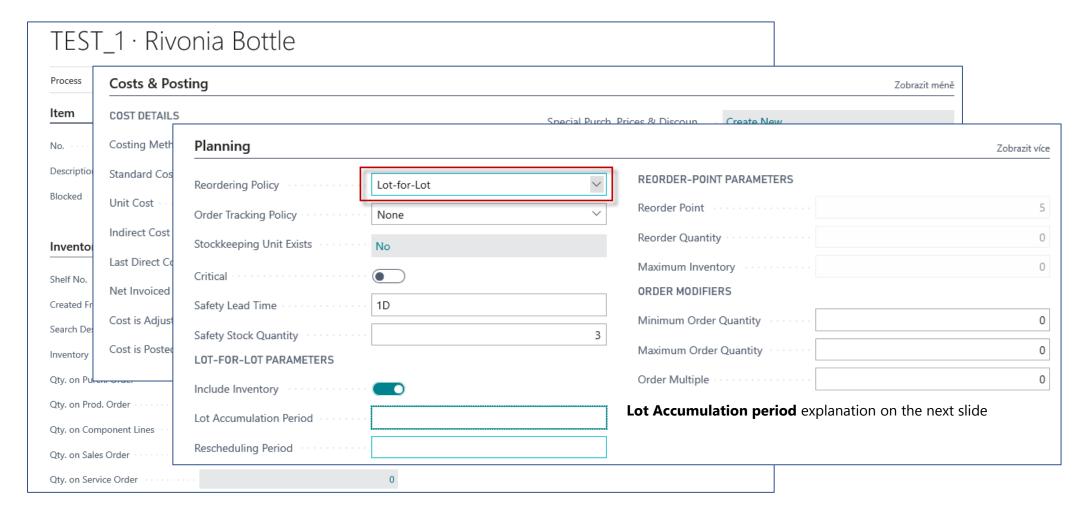
### Customer card II (revision)



### Customer card III (revision)

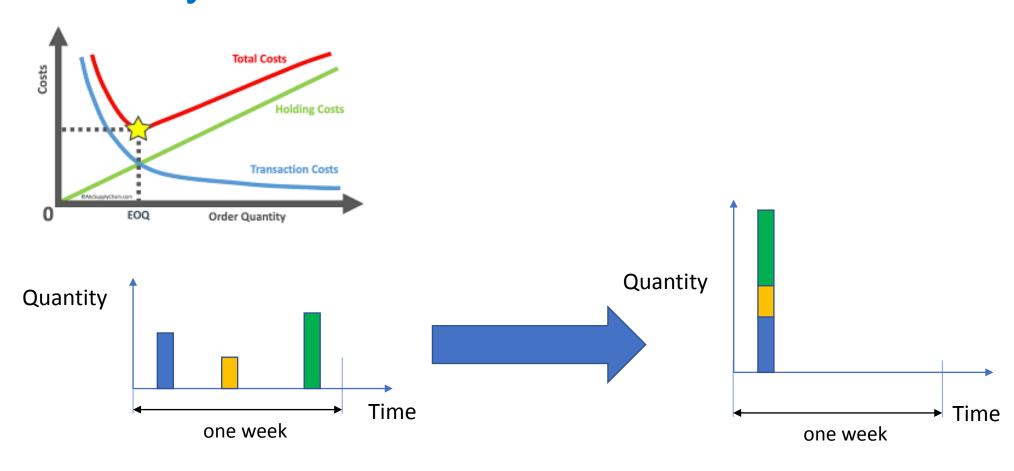


### New item card (FIFO)



**Reordering Policy: Lot-for-lot ->** The quantity is calculated to meet the sum of the demand that comes due in the time bucket (for instance one week period).

## Lot- for- Lot clarification - > Economic Order Quantity



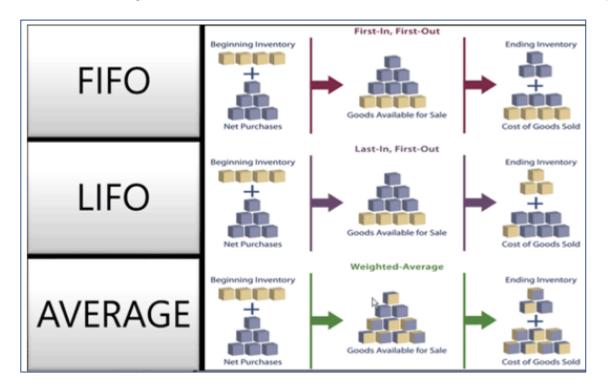
Three different sales orders for one item type on three different dayse

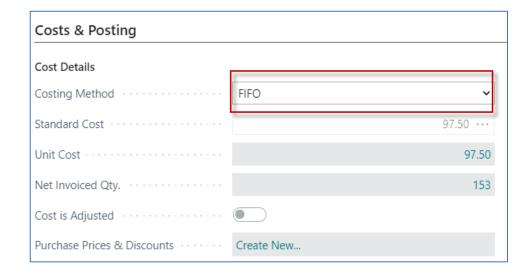
One sales order for one item type —it is integrated into one sales order at the earliest date

### FIFO Costing method

An item's unit cost is the actual value of any receipt of the item, selected by the FIFO rule.

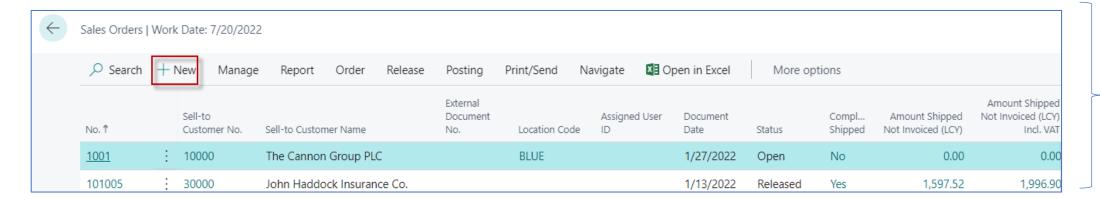
In inventory valuation, it is assumed that the first items placed in inventory are sold first.





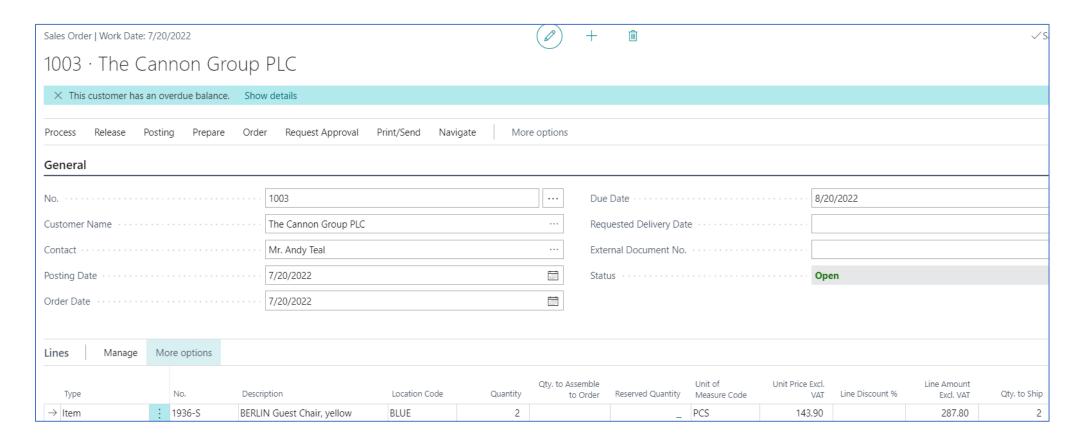
#### **New Sales Order**

#### To find Sales orders use searching window



Sales Orders already created

#### Sales Order created



### Sales Order print confirmation->preview

#### Order Confirmation 1003

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The Cannon Group PLC Mr. Andy Teal 192 Market Square Birmingham, B27 4KT Great Britain cronus

CRONUS, Birmingham RC.

Aaron Nicholls

Main Street, 14

Birmingham, B27 4KT

Great Britain

External Document No.

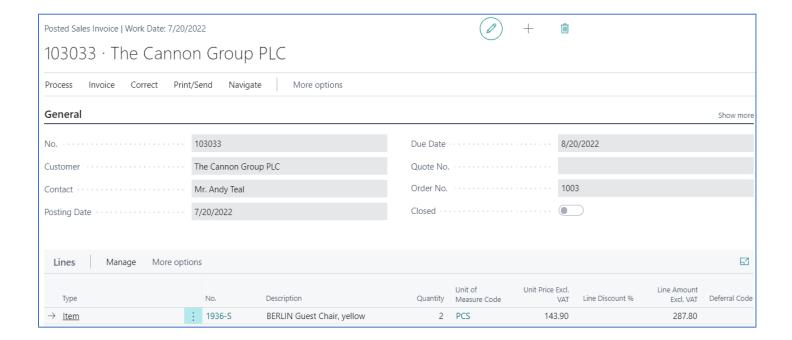
Salesperson Peter Saddow Quote No.

Shipment Method Ex Warehouse

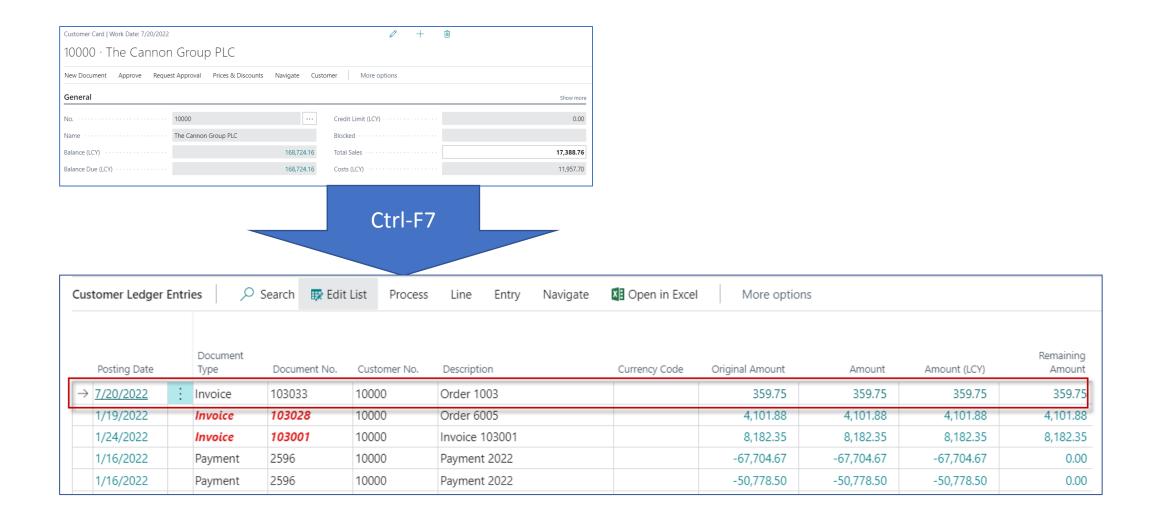
No.	Description	Quantity		Unit Price Excl. VAT	VAT %	Line Amount Excl. VAT
1936-S	BERLIN Guest Chair, yellow	2	Piece	143.90	25	287.80
				Subtotal		287.80
				25% VAT		71.95
				Total GBP Incl. VAT		359.75

## Sales Order posting (by use hot key F9)->result =Sales invoice

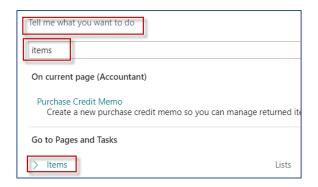




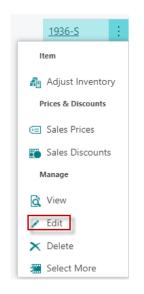
#### **Customer entries**



#### Item entries

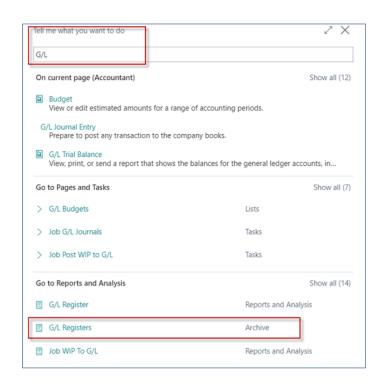


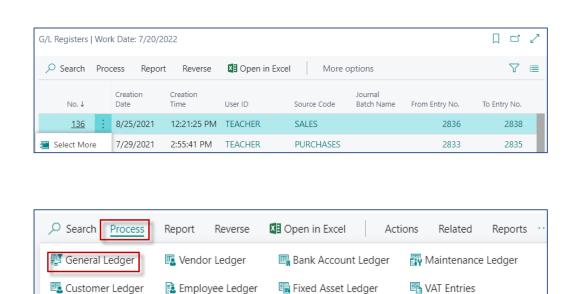
No.↑	Description	Туре	Inventory	Exist	BOM	BOM No.	Routing No.	Measure	Adj	Unit Cost
1928-S	AMSTERDAM Lamp	Inventory	272	No	No			PCS		27.80
1928-W	ST.MORITZ Storage Unit/Draw	Inventory	67	No	Yes			PCS		191.90
1929-W	Conference Bundle 1-8	Inventory	0	No	No			PCS		0.00
1936-S	BERLIN Guest Chair, yellow	Inventory	153	No	No			PCS		97.50
1952-W	OSLO Storage Unit/Shelf	Inventory	15	No	Yes			PCS		93.60

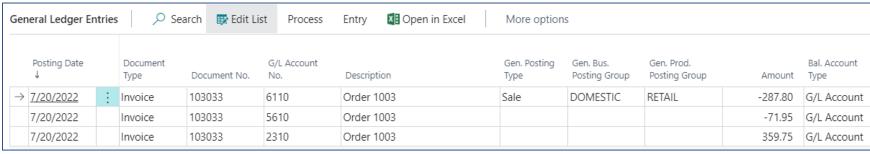




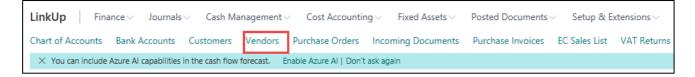
### General Ledger Entries

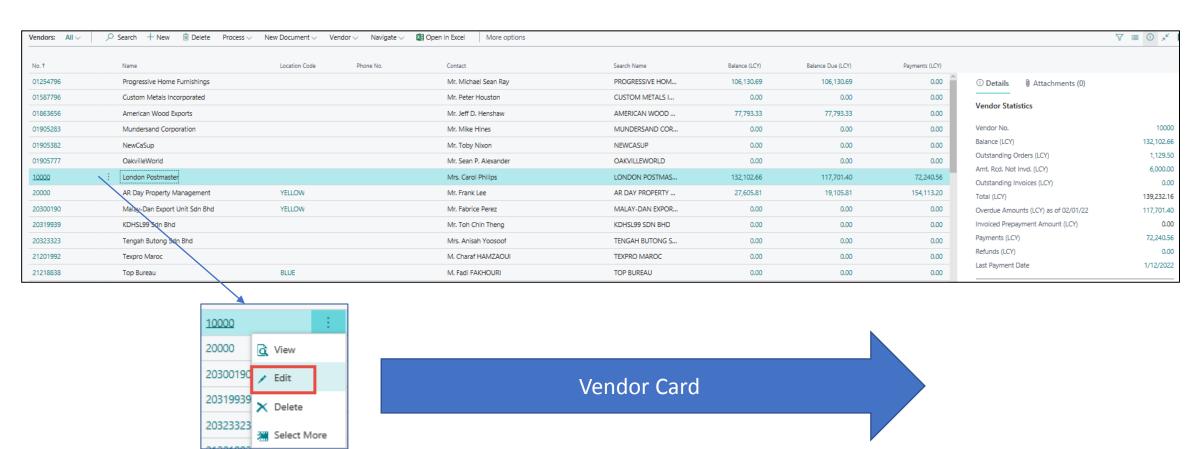




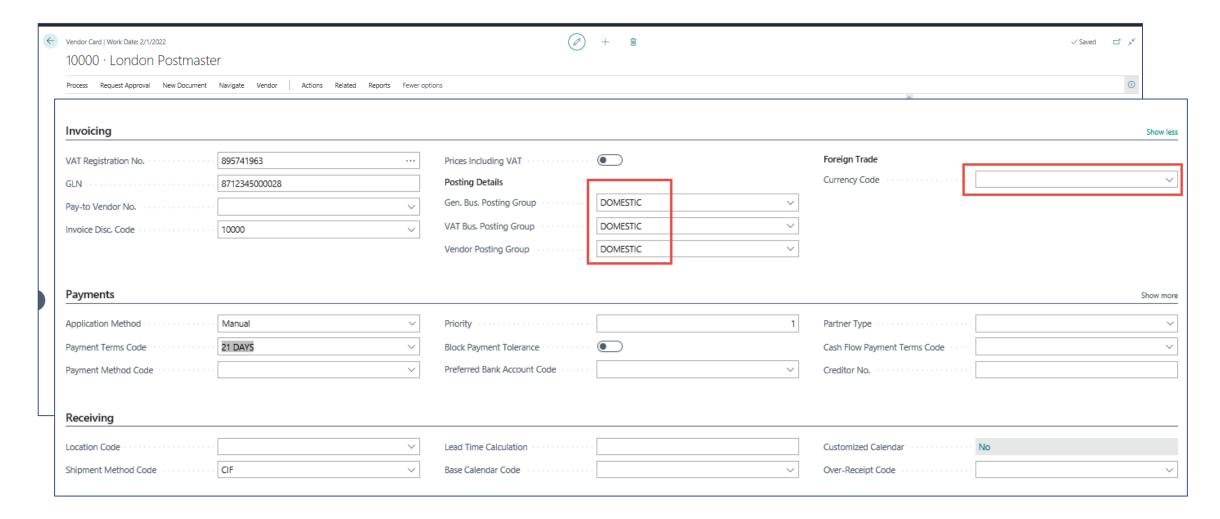


#### Purchase Order – List of Vendors





#### Purchase Order – Vendor Card



#### General Ledger Settings

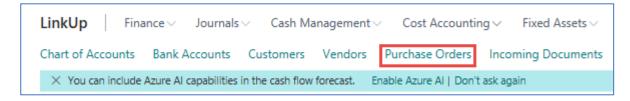
• Link to the general ledger account settings on which the purchase order that will become the purchase invoice will be posted

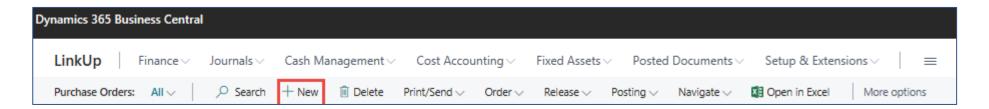


See tab Invoicing and option: Show more fields, Select from full list->Edit list->Option Setup

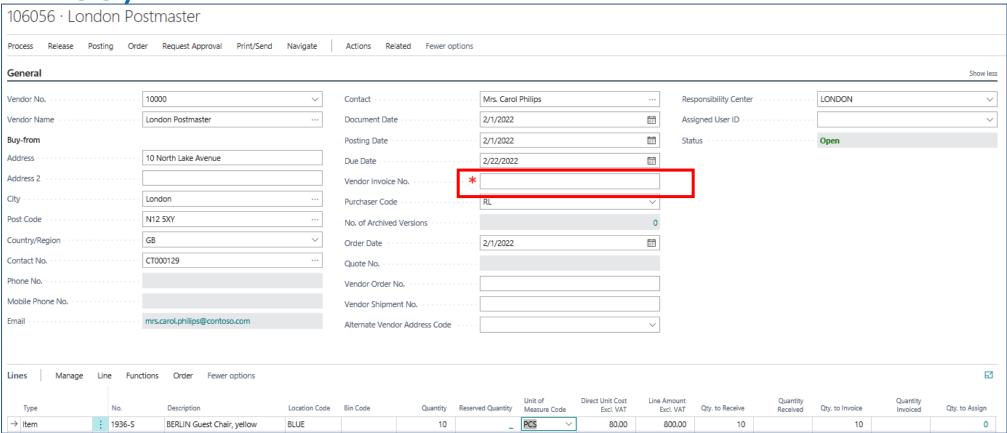


#### Purchase Order – document (Header and Lines)





## Purchase Order (PO) – document (Header and Lines)



#### PO- Preview

#### Purchase Order 106056

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5 The Ring

Westminster

Great Britain

Receive By

London, W2 8HG

CRONUS International Ltd.

cronus

CRONUS, London RC.

Kensington Street, 22

Jack S. Richins

Shipment Method

Cost Insurance and Freight

London, N12 5XY Great Britain

London Postmaster Mrs. Carol Philips 10 North Lake Avenue London, N12 5XY Great Britain

VAT Registration No. 895741963

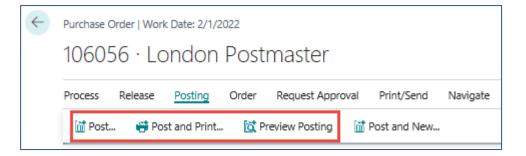
Payment Terms Buyer
Net 21 days Richard Lum

 Prices Including VAT
 VAT Registration No.
 Giro No.

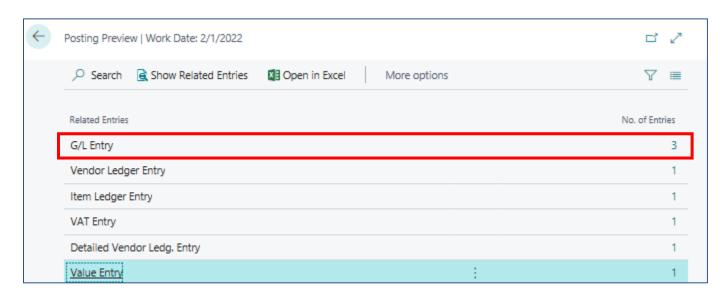
 False
 77777777
 888-9999

Vendor Invoice No. Vendor Order No.

Direct Unit Description Quantity Unit VAT Identifier No. Cost Line Amount 20-123 BERLIN Guest Chair, yellow 10 Piece 80.00 VAT25 800.00 Total GBP Excl. VAT 800.00 25% VAT 200.00 Total GBP Incl. VAT 1,000.00



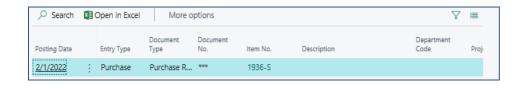
#### PO - preview posting by appropriate icon



G/L entries see next slide

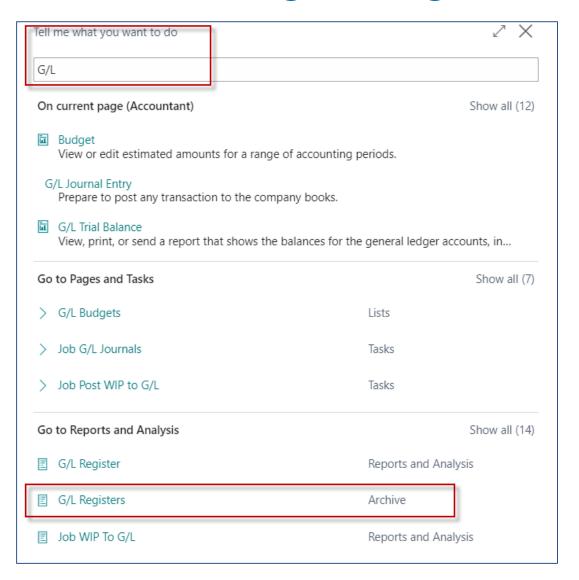


Invoice (could be modified by personalize feature-adding fields)



Inventory (could be modified by personalize feature-adding fields)

#### General Ledger Registers- Archive

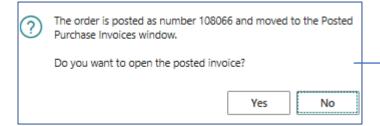


## PO – General Ledger Entries - preview

G/L Entries Preview  P Search  Open in Excel  More options													
Posting Date	Document Type	Document No.	G/L Account No.	Description	Debit Amount	Credit Amount	Department Code	Project Code	Gen. Posting Type	Gen. Bus. Posting Group	Gen. Prod. Posting Group	Amount	Bal. Account Type
2/1/2022	Invoice	***	7110	Order 106056	800.00				Purchase	DOMESTIC	RETAIL	800.00	G/L Account
2/1/2022	Invoice	***	5630	Order 106056	200.00							200.00	G/L Account
2/1/2022	Invoice	***	5410	Order 106056		1,000.00						-1,000.00	G/L Account

## PO – F9 posting





#### Purchase - Invoice

Page 1

Richard Lum

1,000.00

London Postmaster Mrs. Carol Philips 10 North Lake Avenue Landon, N12 SXY Great Britain

Pay-to Vendor No.

Document Date

VAT Registration No.

Posting Date

Invoice No.

Order No.

Due Date

CRONUS, London RC. Jack S. Richins Kensington Street, 22 London, N12 SXY Great Britain

Phone No. +44-999 154642 Home Page

Email

Purchaser

VAT Registration No. 777777777 Giro No. 888-9999 Bank World Wide Bank Account No. 99-99-888

Total GBP Incl. VAT

Payment Terms Net 21 days

Shipment Method Cost Insurance and Freight

10000

108066

106056

02/01/22

02/01/22

02/22/22

895741963

Prices Including VAT

No.	Description	Quantity	Unit of Measure	Direct Unit Cost	Discount %	Allow Invoice Discount	VAT Identifier	Amount
1936-S	BERLIN Guest Chair, yellow	10	Piece	80.00		Yes	VAT25	800.00
						Total G	BP Excl. VAT 25% VAT	<b>800.00</b> 200.00

#### **VAT Amount Specification**

VAT Identifier	VAT %	Line Amount	Inv. Disc. Base Amount	Invoice Discount Amount	VAT Base	VAT Amount
VAT25	25.00	800.00	800.00	0.00	800.00	200.00
Total	_	800.00	800.00	0.00	800.00	200.00

#### Ship-to Address

CRONUS International Ltd. 5 The Ring Westminster Landon, W2 8HG Great Britain

