# Tryton By Example

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Tryton installation & usage for first time administrators & users

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Usage : Sale

Github - <a href="https://github.com/clixwise/tryton-by-example">https://github.com/clixwise/tryton-by-example</a>

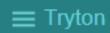
Version of presentation: 01.02 Dated 5-May-21

Version of Tryton: 5.8

Verified for execution on: Windows 10 & Powershell 7

Licence: <u>CC BY 4.0</u>
Author: Marc Rottiers

# Table of Contents





Action

- > 🙎 Party
- > Product
- > **III** Company
- > 🏛 Financial
- > 🚒 Carrier
- > \$ Currency
- > § Banking
- > 📳 Inventory & Stock
- > 📜 Purchase
- > 📻 Sales
- > Commission
- > Ō Timesheet
- > **III** Marketing
- > ( Attendance
- > Project
  - Dashboard
- > 🔦 Production
- > 🏩 Administration

**Customer** Customer-related modules have been activated

**Product** Product-related modules have been activated

**Inventory & Stock** Stock-related modules have been activated

**Sale** Activating Sale-related modules

**State Change - Impact Analysis Model** The entities that record changes when performing "Sale" related operations

**Customer Sale** Recording a Sale

**Customer Shipment** Recording a Shipment

**Customer Invoice** Emitting an Invoice

**Customer Payment** Paying an Invoice

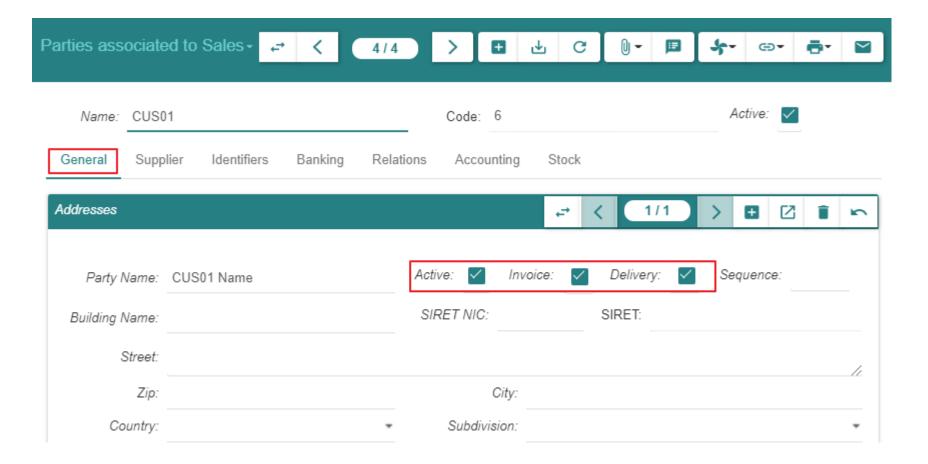
# Customer

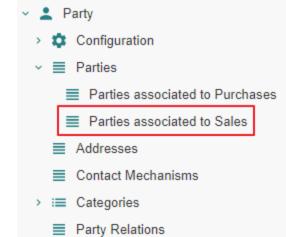
#### Motivation

- Customers are named « Parties associated to Customers ». We name them hereafter « Customer » for commodity.
- Customers are in fact party entity roles: any party becomes a customer as soon as one or more sales are linked to it.
- **Creation**: a customer can be initially defined by creating an instance using the Menu Tree Item « Parties » or « Parties associated to Sales ».
- **Access**: as long as no sale is linked to that party, it is not recognized as a customer and will only be accessible using the Menu Tree Item « Parties ».
- Note finally that « Party » modules have been activated as explained in the previous document « Basic Functionalities ».

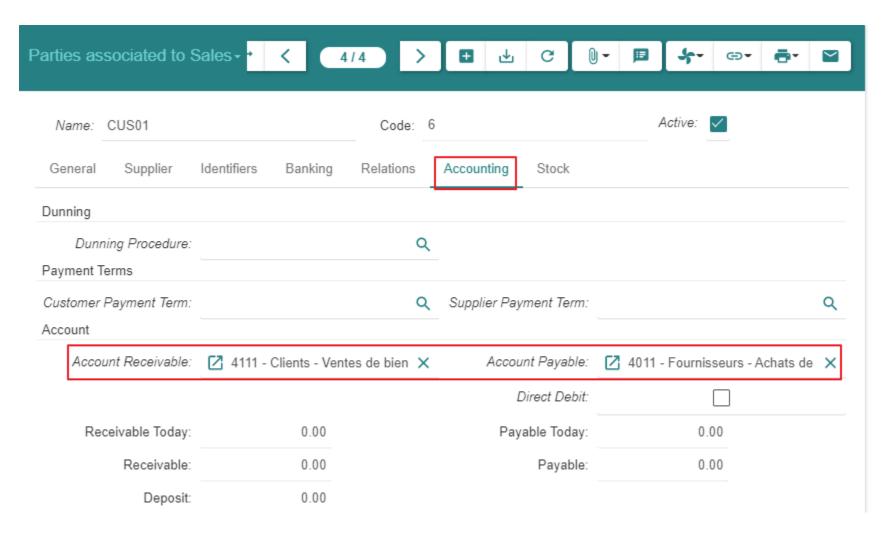


#### Create

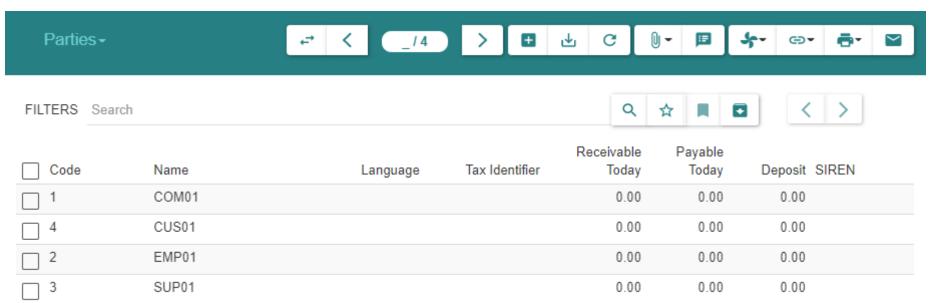




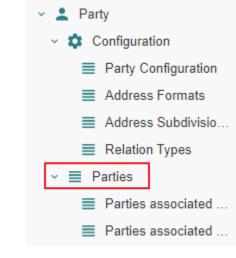
#### Create



### Summary



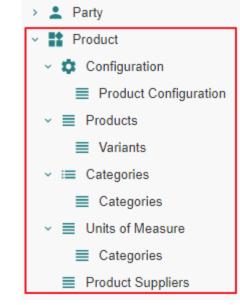
- > ♣ Party
  > ♣ Product
  > ♣ Company
  > ♠ Financial
  > ♠ Carrier
  > \$ Currency
  > ♠ Banking
  > ♠ Inventory & Stock
  > ♠ Purchase
  > ♠ Sales
  > ♠ Administration
- As explained under « Motivation », the customer always appears in the list « Parties » above
- As long as there are no sales linked to the customer, it is absent from « Parties associated to Sales »
- When at least one sale exists, the customer will appear in both lists: « Parties » and « Parties associated to Sales »



# Product

#### Motivation

- Subject Area « Purchase » : « Product » related modules have been activated
- Subject Area « Purchase » : a « Product » and its « Variant » have been defined



Inventory & Stock

### Motivation

- Subject Area « Purchase » : « Inventory & Stock » related modules have been activated

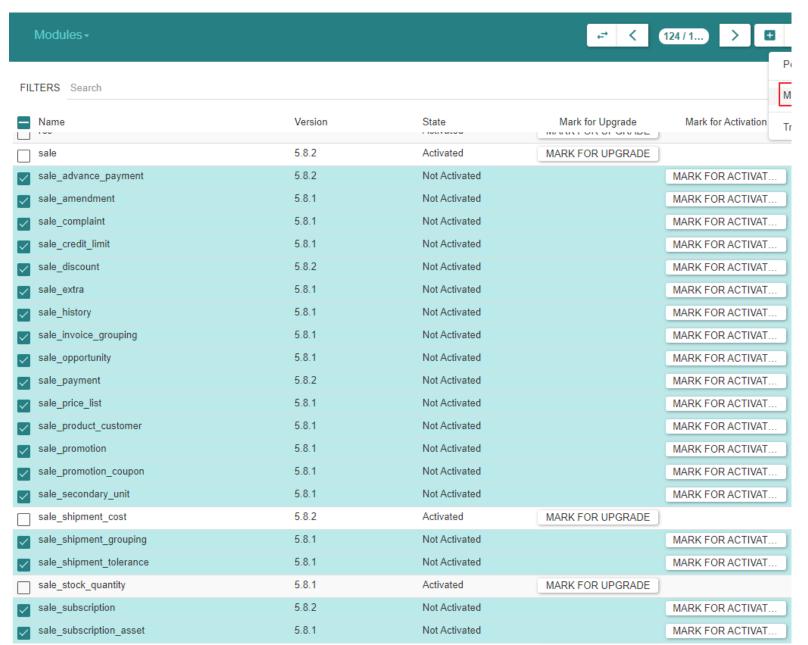
- > 🙎 Party
- Product
- > 🋅 Company
- → 🏦 Financial
- > 📻 Carrier
- > \$ Currency
- S Banking
- Inventory & Stock
  - configuration
  - > : Locations
  - > 

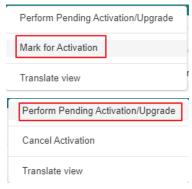
    Supplier Shipments
  - Customer Shipments
  - Internal Shipments
  - Moves
  - Inventories

# Sale

# Module Activation

#### Module Activation





#### Perform Pending Activation/Upg



#### Modules to update

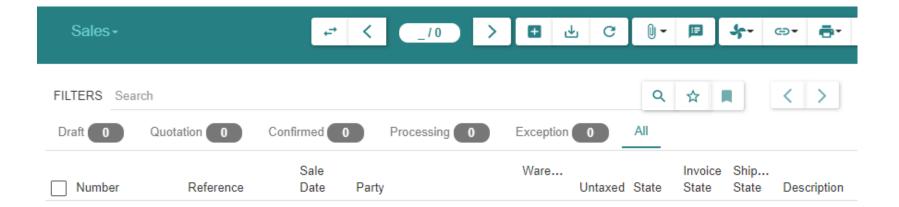
sale advance payment: to activate sale amendment: to activate sale complaint: to activate sale credit limit: to activate sale discount: to activate sale extra: to activate sale\_history: to activate sale invoice grouping: to activate sale\_opportunity: to activate sale payment: to activate sale price list: to activate sale product customer: to activate sale promotion: to activate sale promotion coupon: to activate sale secondary unit: to activate sale shipment grouping: to activate sale shipment tolerance: to activate sale subscription: to activate sale subscription asset: to activate sale\_supply\_production: to activate

# Module Activation

#### Modules ·

FILTERS Search		
Name	Version	State
sale	5.8.2	Activated
sale_advance_payment	5.8.2	Activated
sale_amendment	5.8.1	Activated
sale_complaint	5.8.1	Activated
sale_credit_limit	5.8.1	Activated
sale_discount	5.8.2	Activated
sale_extra	5.8.1	Activated
sale_history	5.8.1	Activated
sale_invoice_grouping	5.8.1	Activated
sale_opportunity	5.8.1	Activated
sale_payment	5.8.2	Activated
sale_price_list	5.8.1	Activated
sale_product_customer	5.8.1	Activated
sale_promotion	5.8.1	Activated
sale_promotion_coupon	5.8.1	Activated
sale_secondary_unit	5.8.1	Activated
sale_shipment_cost	5.8.2	Activated
sale_shipment_grouping	5.8.1	Activated
sale_shipment_tolerance	5.8.1	Activated
sale_stock_quantity	5.8.1	Activated
sale_subscription	5.8.2	Activated
sale_subscription_asset	5.8.1	Activated
sale_supply	5.8.1	Activated
sale_supply_drop_shipment	5.8.1	Activated
sale_supply_production	5.8.1	Activated

#### State « Post »



- > 💄 Party
- > Product
- > En Company
- → m Financial
- > 📻 Carrier
- > \$ Currency
- > S Banking
- > Inventory & Stock
- > 📜 Purchase



- > 🗱 Configuration
  - Leads and Opportunities
  - Sales
- > 

  Subscriptions
- Sale Amendments
- Complaints

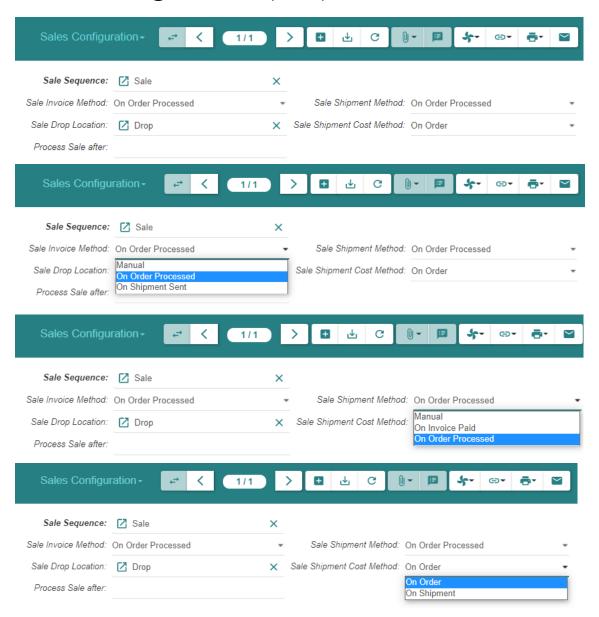
- - -

Salable Products

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# Sale Configuration

## Sale Configuration (1/2)



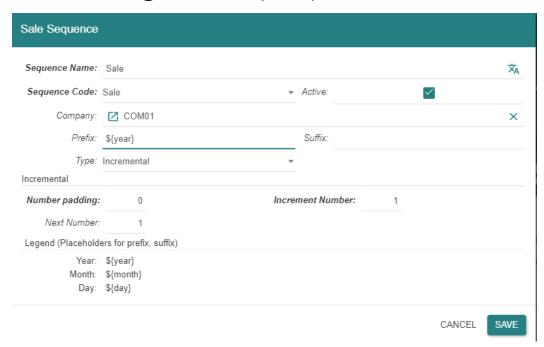
> ♣ Party
> ♣ Product
> ♣ Company
> ♠ Financial
> ♣ Carrier
> \$ Currency
> ■ Banking
> ♠ Inventory & Stock
> ♠ Purchase

✓ ♠ Configuration
■ Purchase Configuration

Purchases

0

# Sale Configuration (2/2)



> ♣ Party
> ♣ Product
> ♣ Company
> ♠ Financial
> ♠ Carrier
> \$ Currency
> ♣ Banking
> ♠ Inventory & Stock
> ♠ Purchase

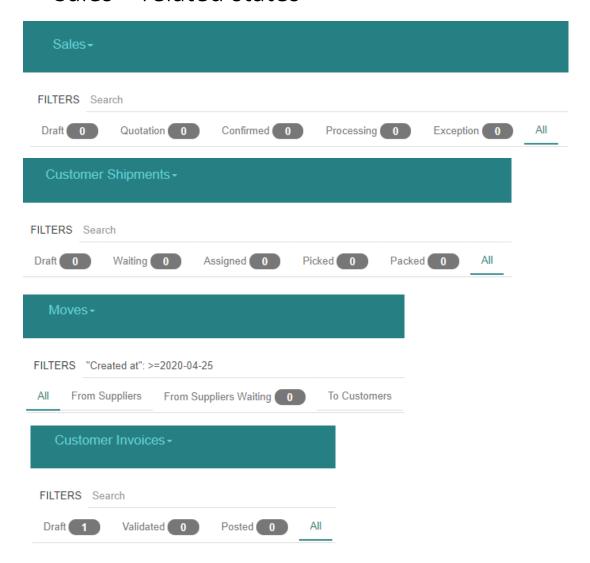
✓ ♣ Configuration

■ Purchase Configuration

Purchases

Sale - State Changes - Impact Analysis Model

### « Sales » related states

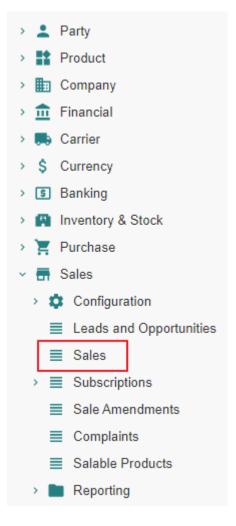


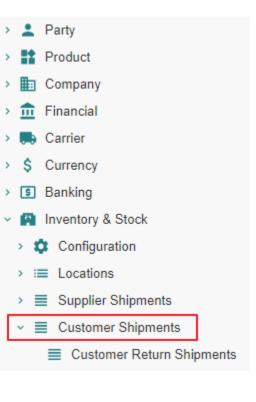
# The basic State Diagram for « Sales »

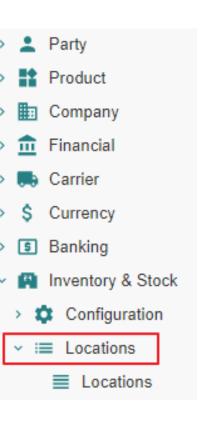
Sale - State 8						& Link Diagra	m (Simplifie	d)				
PARTY												
Sale		1										
Shipment				1				0				
Invoice				1							0	
SALE	Draft	Quotation	Confirmed	Processing							Done	Exception
Shipment		O		1								
Invoice		O		1								
Shipment	None			Waiting				Sent				
Invoice	None			Waiting							Paid	
SHIPMENT				Waiting	Assigned	Picked	Packed	Done				
INVOICE				Draft					Validated	Posted	Paid	
In bold : Th	In bold : The path along which user actions occur											

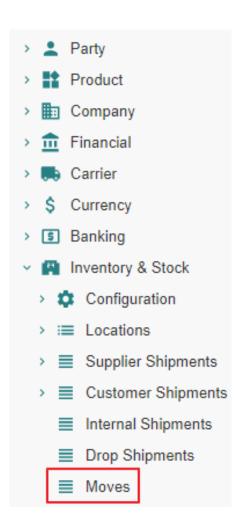
The diagram does not display the action that triggers the state transition

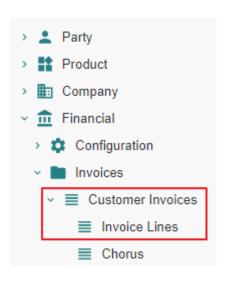


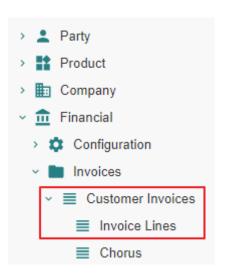


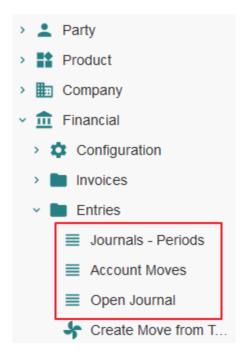


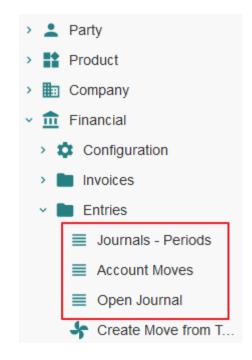


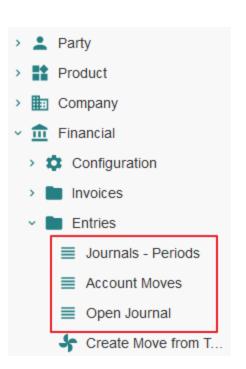


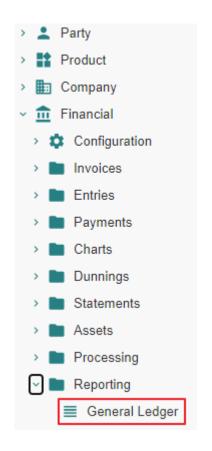


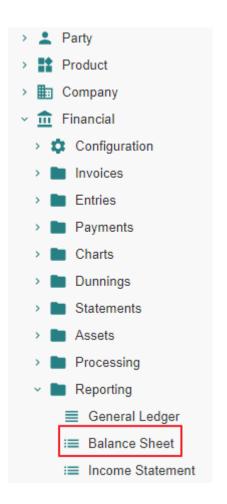


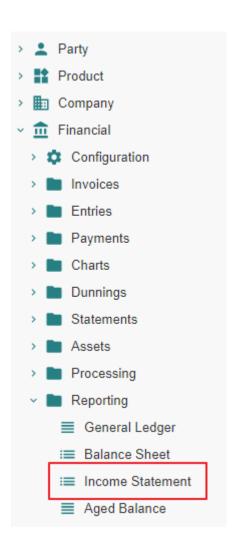


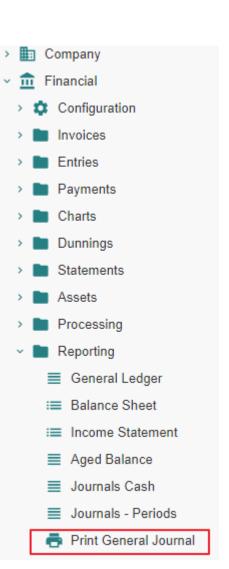








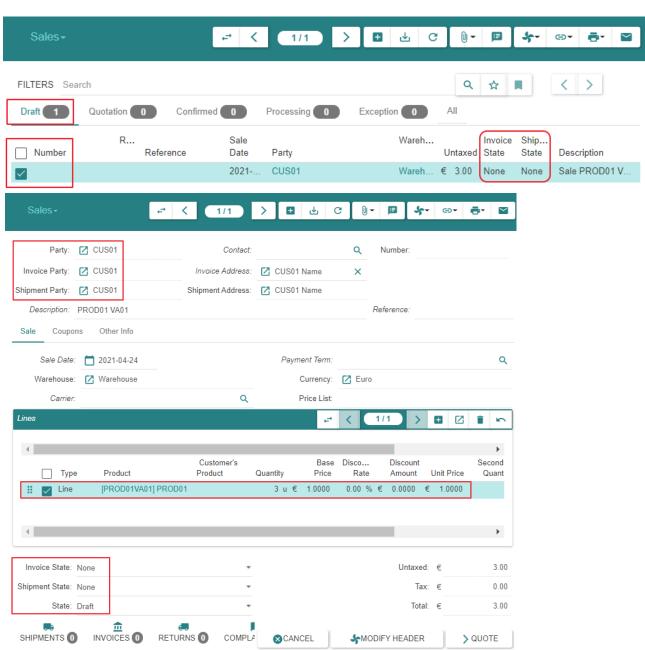




Customer Sale - State Changes - Impact Analysis

Sale From State « Nill » to State « Draft » Sale From State « Nill » to State « Draft » Action

#### Sale



Sales are not numbered whilst they are in state « Draft »

> ♣ Party
> ♣ Product
> ♣ Company
> ♠ Financial
> ♣ Carrier
> \$ Currency
> ♠ Banking
> ♠ Inventory & Stock
> ♠ Purchase
> ♣ Sales
> ♠ Configuration
■ Leads and Opportunities

Sales

Sale From State « Nill » to State « Draft » Impact

# Sale - From « Nill » To « Draft »

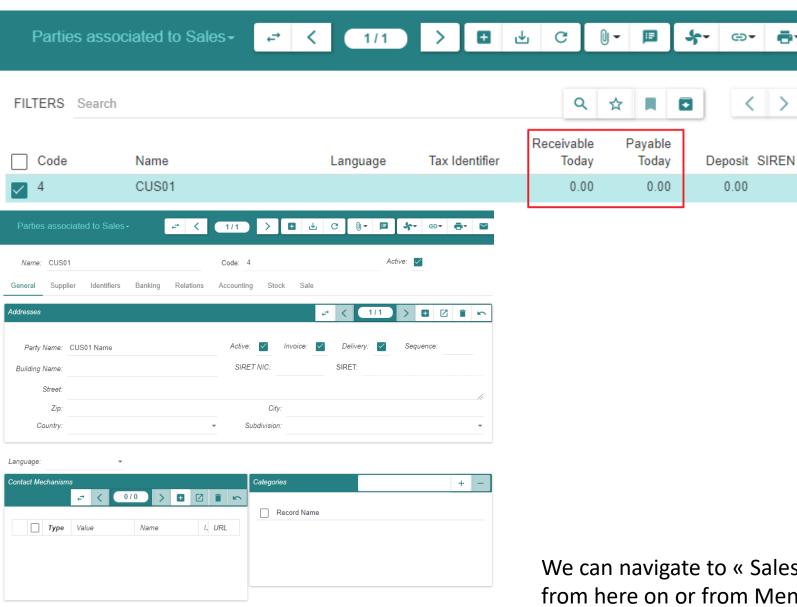
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Draft	Created
Shipment			
Customer Shipments (Customer)	3		
Stock			
Stock Locations	4		
Stock Moves	5		
Invoice			
Invoices (Customer)	6		
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

# Sale - From « Nill » To « Draft »

		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

#### 1 - Parties associated to Sales

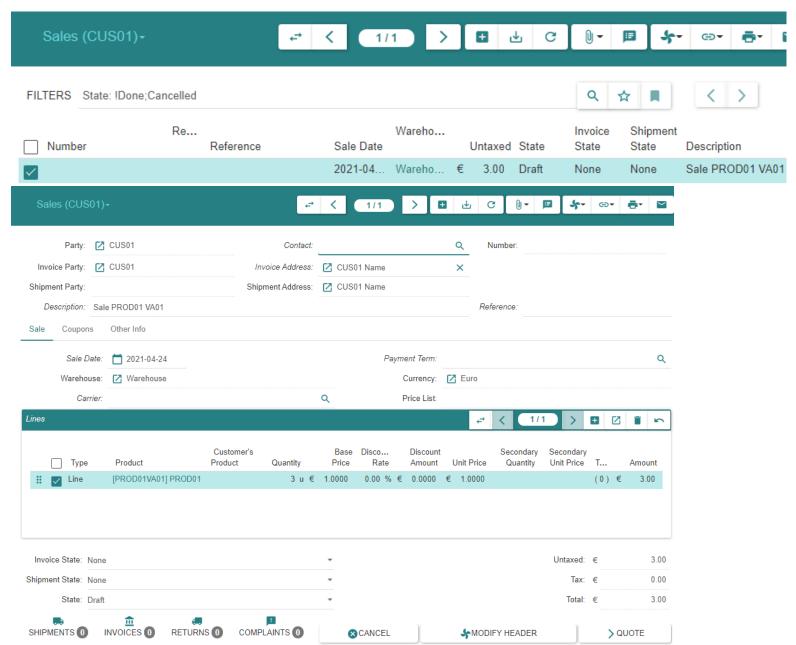
SALES 1





We can navigate to « Sales », « Shipments » or « Invoices » from here on or from Menu Items

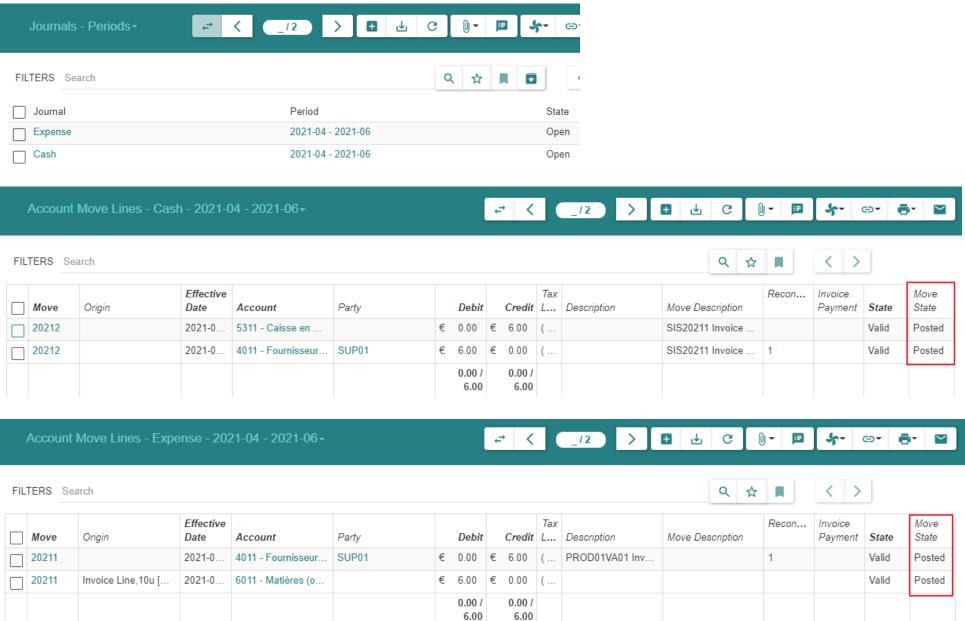
## 2 - Sales | Sales (SUP01)



- · 💄 Party
- > Product
- Company
- → 🏛 Financial
- > 🛼 Carrier
- > \$ Currency
- Banking
- Inventory & Stock
- > Purchase
- Sales
- Configuration
  - Leads and Opportunities

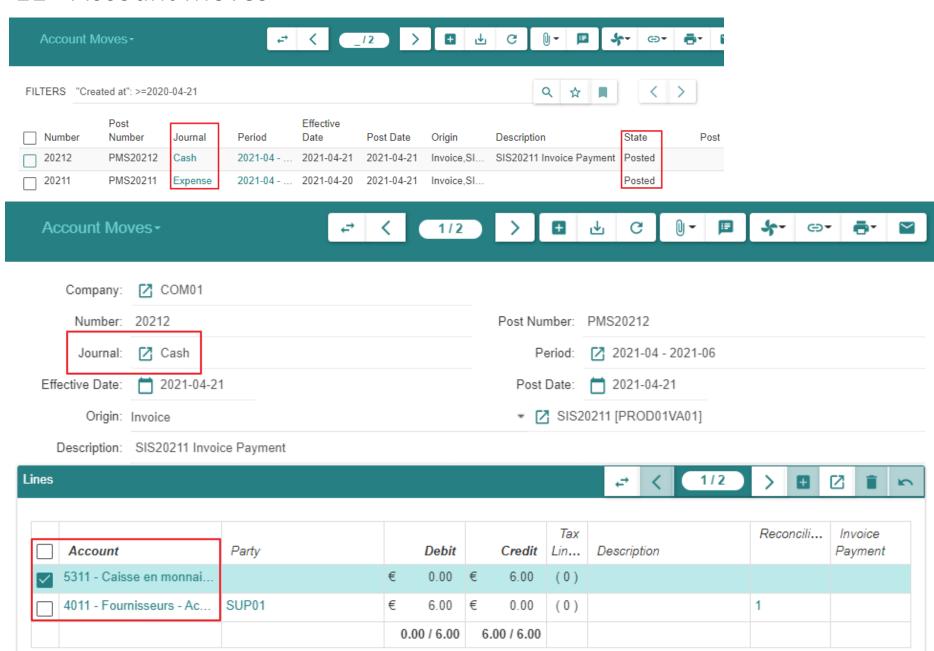


### 10 - Journals - Periods

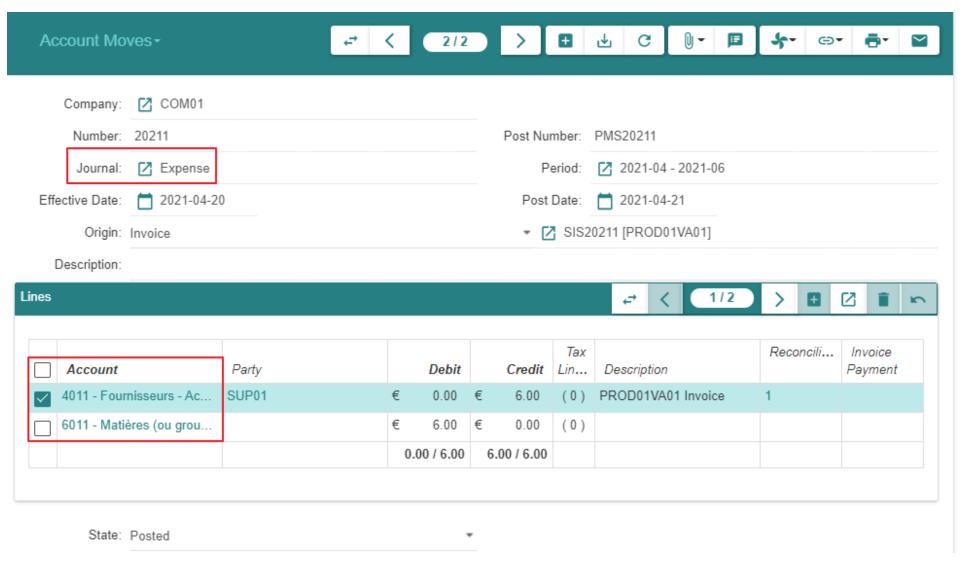


- > Product
- > 🏥 Company
- → m Financial
  - > 🌣 Configuration
  - > Invoices
  - → Entries
    - Journals Periods
    - Account Moves
    - Open Journal
    - Create Move from T...

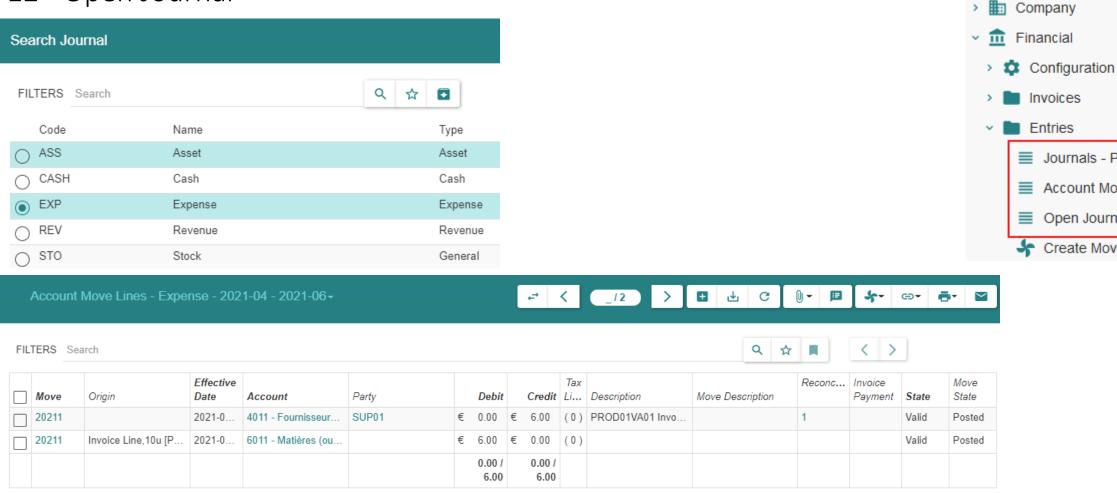
### 11 - Account Moves



### 11 - Account Moves



## 12 - Open Journal



Party

Product

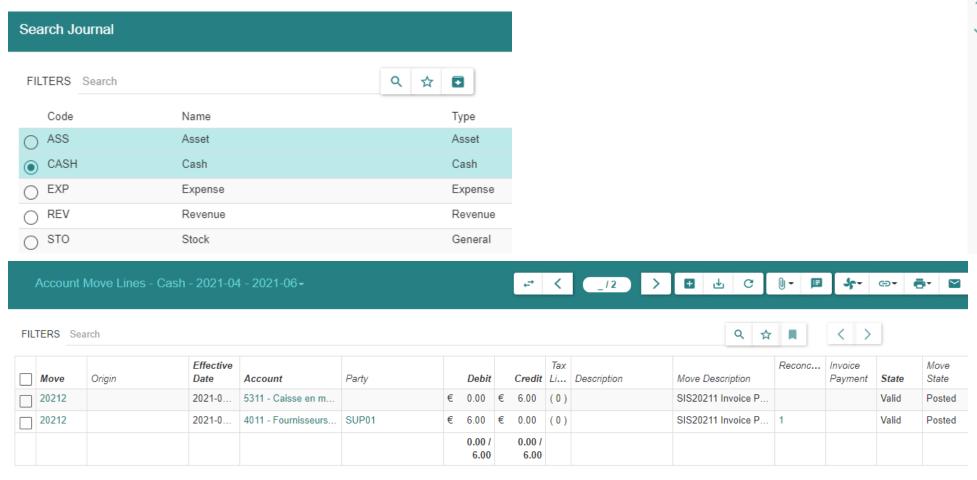
Journals - Periods

Create Move from T...

Account Moves

Open Journal

## 12 - Open Journal



> 2 Party

Product

Company

m Financial

> Invoices

Entries

> 🌣 Configuration

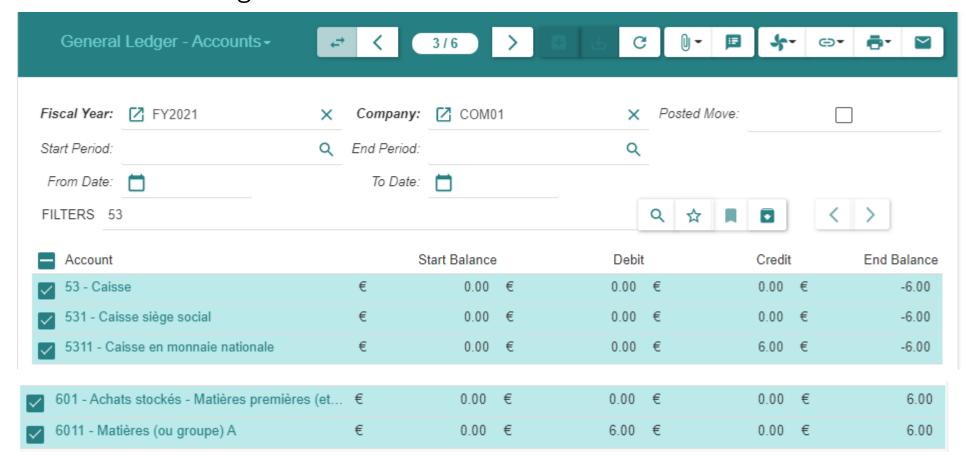
Journals - Periods

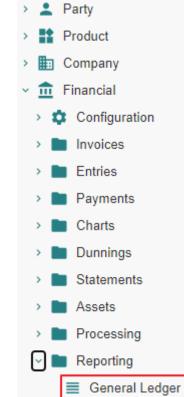
Create Move from T...

Account Moves

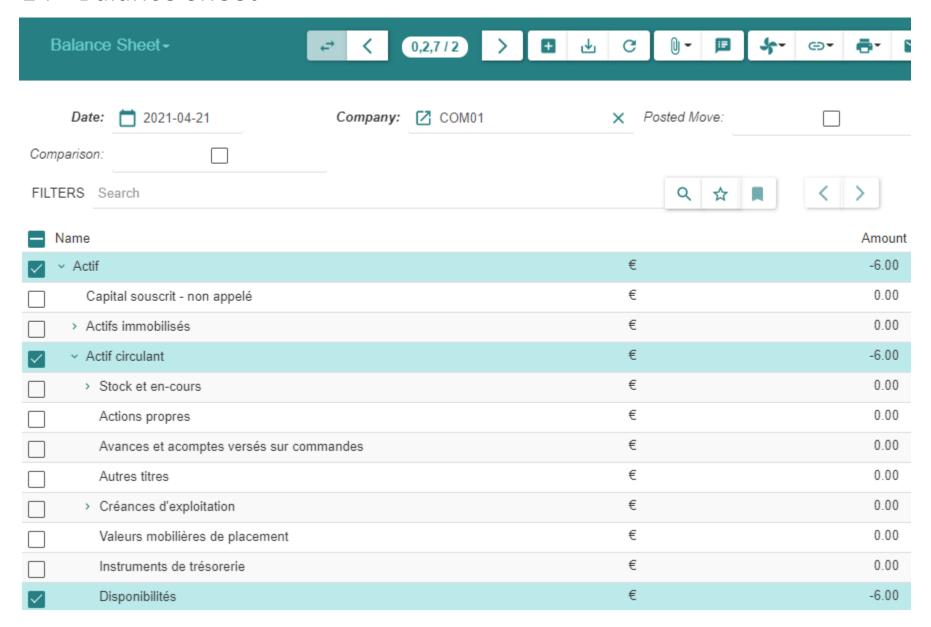
Open Journal

### 13 - General Ledger



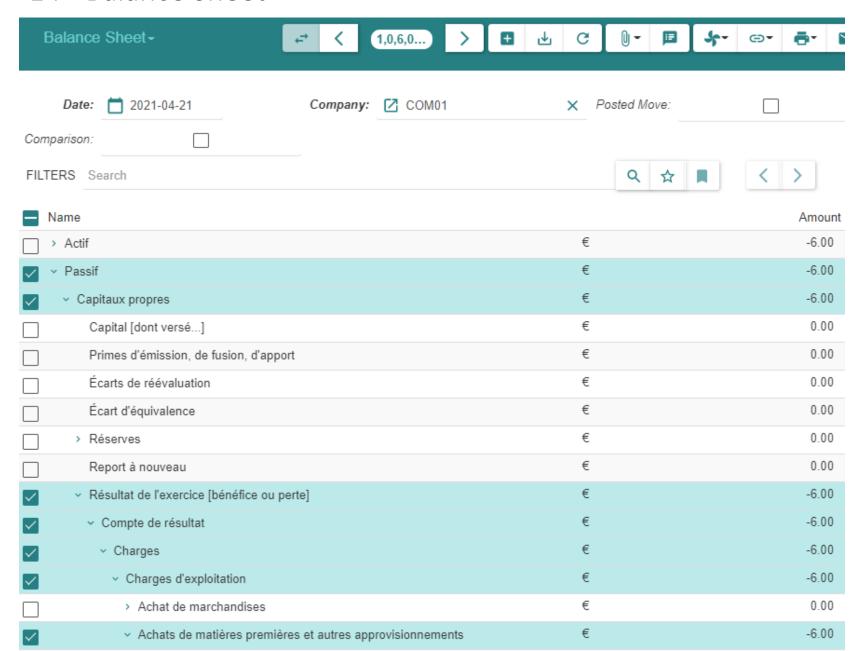


### 14 - Balance Sheet

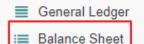


- > 🙎 Party > Product > **E** Company √ m Financial > 🏩 Configuration Invoices Entries Payments Charts Dunnings Statements Assets Processing Reporting General Ledger
  - General Ledger
     Balance Sheet

### 14 - Balance Sheet



- > 💄 Party
- Product
- > **E** Company
- √ m Financial
  - > 🌣 Configuration
  - > Invoices
  - > Entries
  - Payments
  - > Charts
  - Dunnings
  - Statements
  - Assets
  - Processing
  - Reporting



## 16 - General Journal

Journal Entry: 20211	Date: 04/20/2021	Origin: SIS20211 [PROD01VA01]	Posted Pl 04/21	
Account	Description		Debit	Credit
4011 Fournisseurs - Achats de biens et prestations de services	PROD01VA01 Invoice		€0.00	€6.00
6011 Matières (ou groupe) A			€6.00	€0.00
Journal Entry: 20212 SIS20211 Invoice Payment	Date: 04/21/2021	Origin: SIS20211 [PROD01VA01]	Posted Pl 04/21	
Account	Descr	iption	Debit	Credit
5311 <u>Caisse en</u> monnaie nationale			€0.00	€6.00
4011 Fournisseurs - Achats de biens et prestations de			€6.00	€0.00

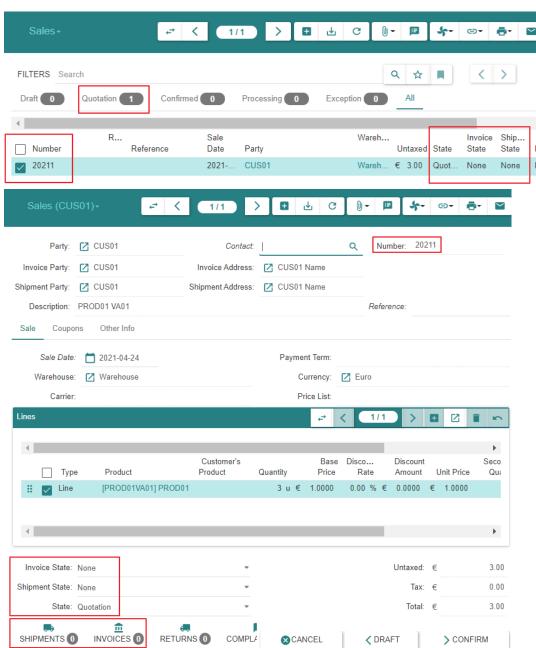
> Establishment Company
√ m Financial
> 🌣 Configuration
> Invoices
> Entries
> Payments
> Charts
> Dunnings
> Statements
> Assets
> Processing
▼ ■ Reporting
■ General Ledger
Balance Sheet
Aged Balance
Journals Cash
Journals - Periods
Print General Journal

Journal

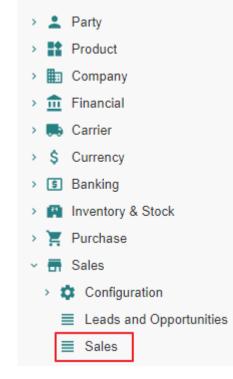
To Date: 📋 2021-04-21 From Date: 📋 2021-01-01 Company: 🖸 COM01 × Posted Move:

Sale From State « Draft » to State « Quotation » Sale From State « Draft » to State « Quotation » Action

### Sale



Sales are numbered when they reach state « Quotation »



Sales can be returned to state « Draft », e.g. when the price has been renegociated with the « Customer »

Sale From State « Draft » to State « Quotation » Impact

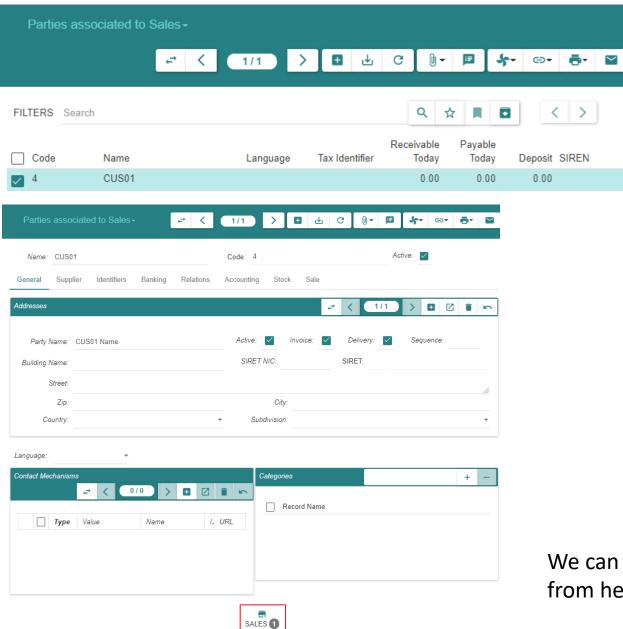
## Sale - From « Draft » To « Quotation »

		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Quotation	Updated
Shipment			
Customer Shipments (Customer)	3		
Stock			
Stock Locations	4		
Stock Moves	5		
Invoice			
Invoices (Customer)	6		
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

## Sale - From « Draft » To « Quotation »

		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

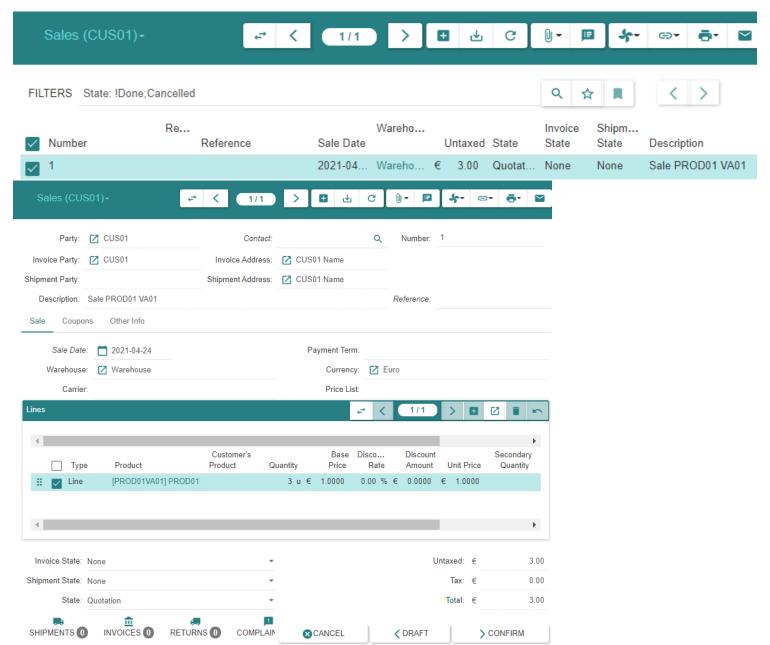
### 1 - Parties associated to Sales





We can navigate to « Sales », « Shipments » or « Invoices » from here on or from Menu Items

## 2 - Sales | Sales (SUPO1)



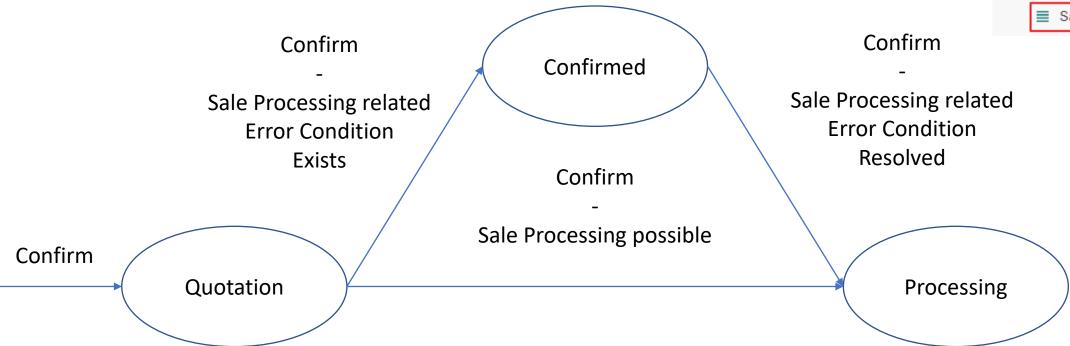
- Party
- Product
- > 🏥 Company
- → m Financial
- > Carrier
- > \$ Currency
- Banking
- Inventory & Stock
- > Purchase
- v 📻 Sales
- Configuration
  - Leads and Opportunities



# Sale From State « Quotation » to State « Confirmed » or From State « Quotation » to State « Processing »

#### State transitions

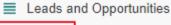
- Upon « Confirm » action by the user, a « Sale » or « Purchase » evolves from state « Quotation » to:
  - State « Confirmed » when a latent sale processing error condition exists
  - State « Processing » when such error does not exist.
- In the present scenario, there is no error condition and the state transition is from « Quotation » to « Processing »







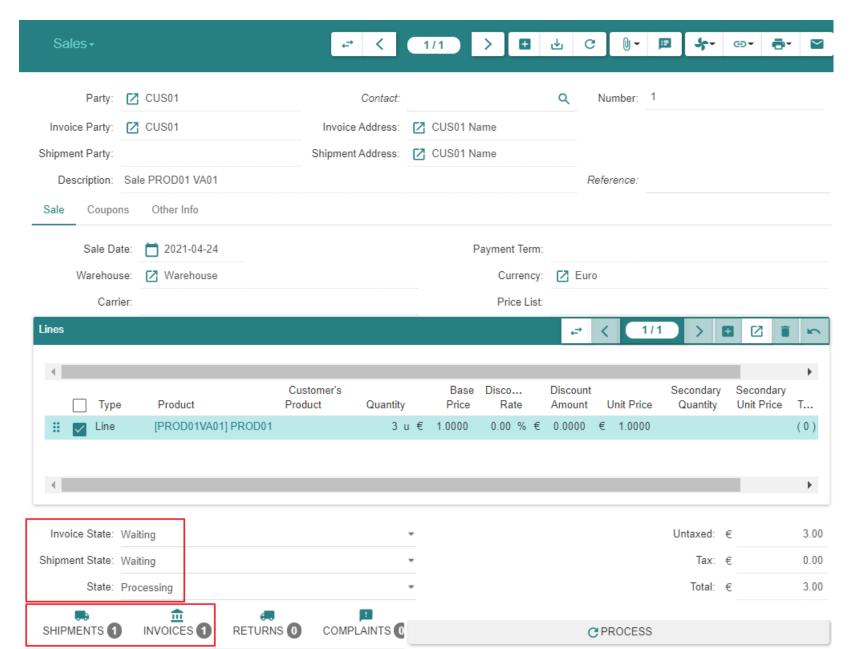




Sales

Sale From State « Quotation » to State «Processing » Sale
From State « Quotation » to State «Processing »
Action

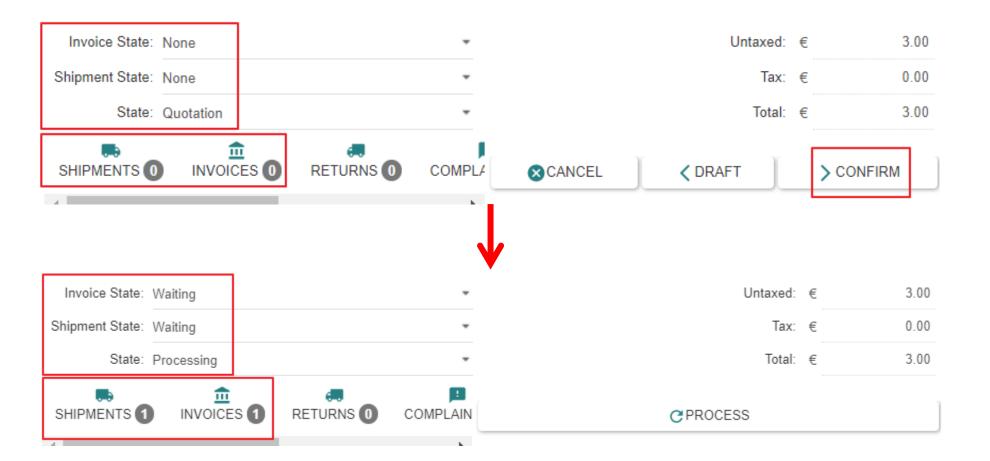
### Sale



- > 💄 Party
- Product
- > 🛅 Company
- > m Financial
- > 🥽 Carrier
- \$ Currency
- S Banking
- > 📳 Inventory & Stock
- > Purchase
- Sales
- Configuration
  - Leads and Opportunities

Sales

### Sale



> ♣ Party
> ♣ Product
> ♣ Company
> ♠ Financial
> ♠ Carrier
> \$ Currency
> ♣ Banking
> ♠ Inventory & Stock
> ♠ Purchase
> ♣ Sales
> ♠ Configuration
■ Leads and Opportunities
■ Sales

Sale From State « Quotation » to State «Processing » Impact

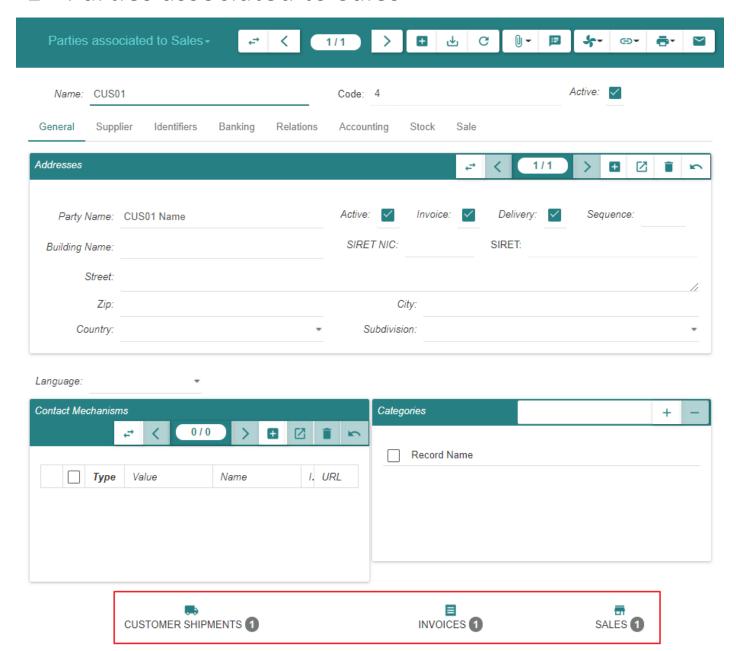
# Sale - From « Quotation » To « Processing »

		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Waiting	Created
Stock			
Stock Locations	4		
Stock Moves	5	Draft [Storage to Output]; Draft [Output to Customer]	Created [Storage to Output]; Created [Output to Customer]
Invoice			
Invoices (Customer)	6	Draft	Created
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

# Sale - From « Quotation » To « Processing »

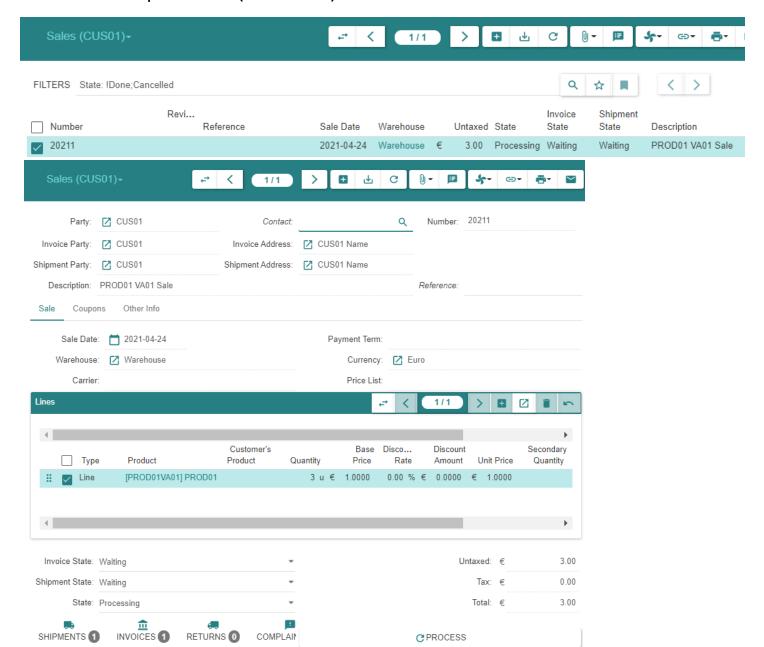
		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

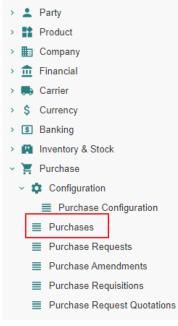
### 1 - Parties associated to Sales



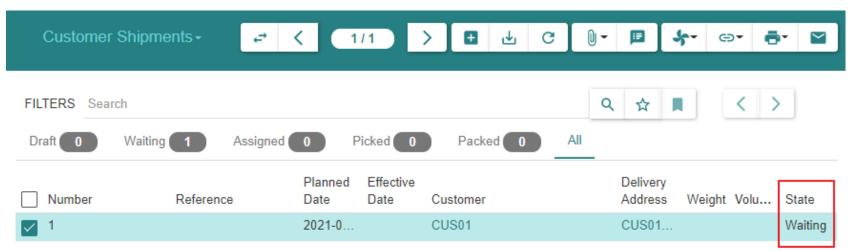


## 2 - Sales | Sales (CUS01)





## 3 - Customer Shipments | Customer Shipments (CUS01)

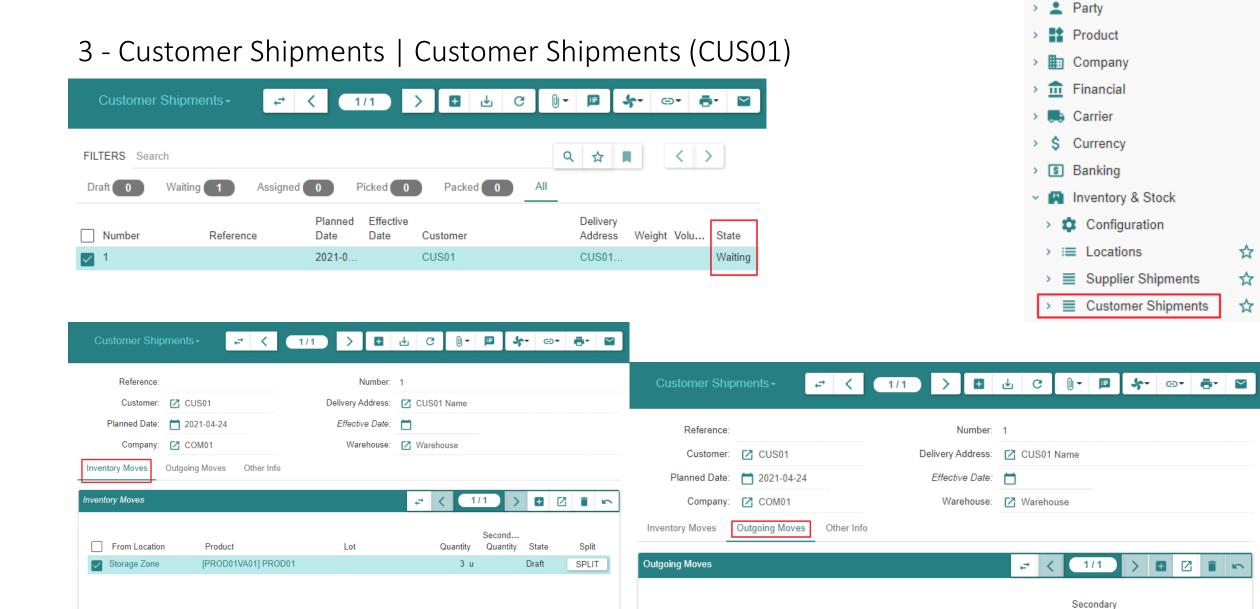


> ♣ Party
> ♣ Product
> ♣ Company
> ♠ Carrier
> ♠ Currency
> ♠ Banking

✓ ♠ Inventory & Stock
> ♠ Configuration
> ➡ Locations
> ♠ Supplier Shipments

★

- The « Customer Shipment » is created in state « Waiting », not « Draft »
- Althoug the « Customer Shipment » can be reverted subsequently to state « Draft », it should be noted that its property « Reference » cannot be edited anymore



Product

[PROD01VA01] PROD01

Lot

Quantity State

Draft

Split

SPLIT

Quantity

3 u

Carrier:

State: Waiting

Shipping Description:

Q

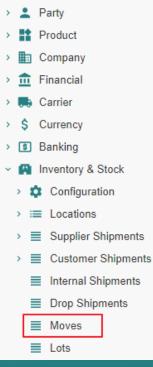
✓ DRAFT

× WAIT

> MANUAL ASSIGN

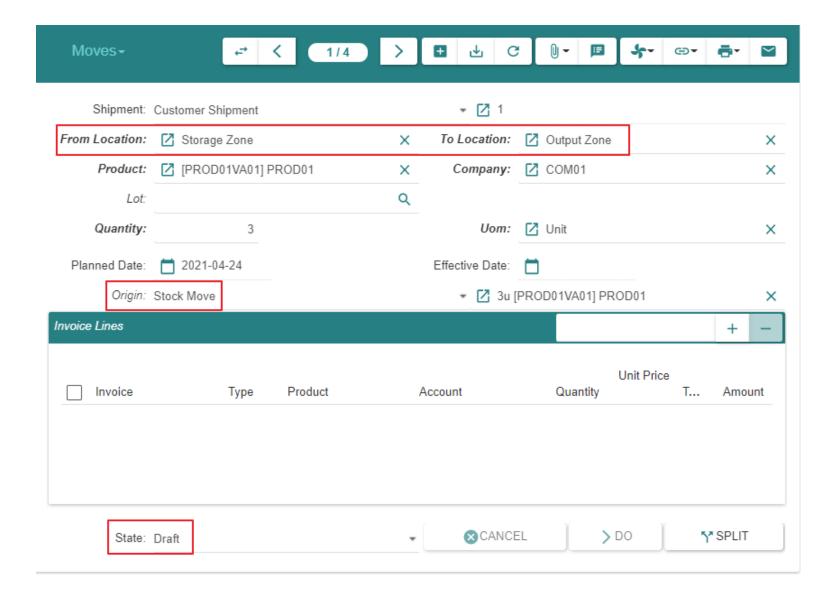
> ASSIGN

### 5 - Stock Moves





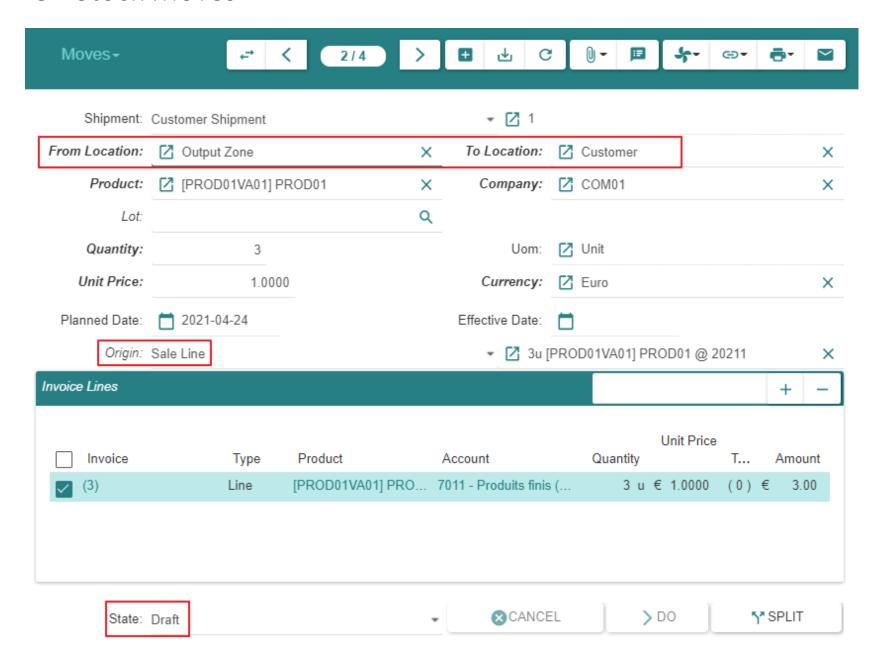
### 5 - Stock Moves



> ♣ Party
> ♣ Product
> ♣ Company
> ♠ Carrier
> ♣ Currency
> ♠ Locations
> ♠ Configuration
> ♠ Configuration
> ♠ Locations
> ♠ Customer Shipments
♠ Internal Shipments
♠ Drop Shipments

■ Moves

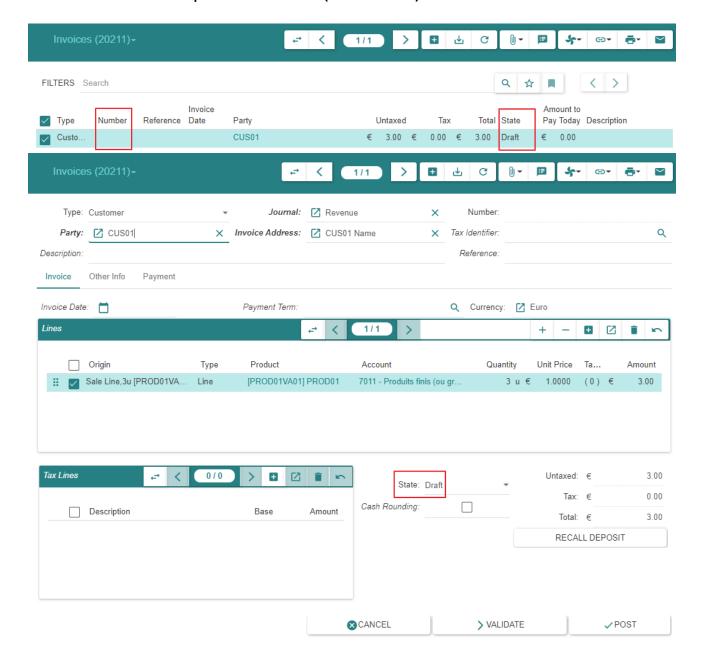
### 5 - Stock Moves

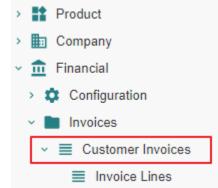


■ Moves

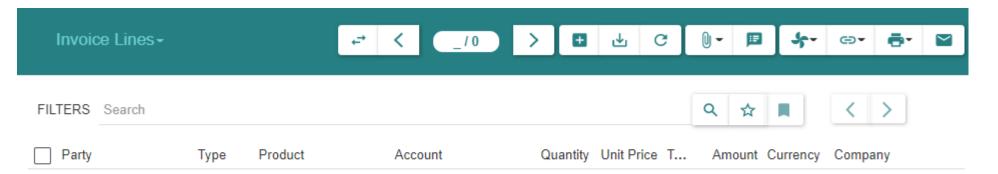
70

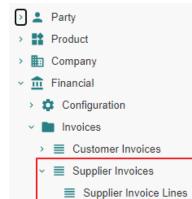
## 6 - Invoices | Invoices (SUP01)





### 7 - Invoice Lines





Customer Shipment - State Changes - Actual States

#### Motivation

It is certainly possible to process the shipment(s) pertaining to a « Sale » using the « Move » menu item.

However, it is recommended to proceed using the « Customer Shipment » functionality which will manage the following stock moves in a coherent fashion :

- « Storage Moves » between the warehouse storage location and the warehouse output location
- « Outgoing Moves » between the warehouse output location and the customer location

> ♣ Party
> ♣ Product
> ♣ Company
> ♠ Carrier
> ♣ Currency
> ♠ Banking

✓ ♠ Inventory & Stock
> ♠ Configuration
> ⊨ Locations
> ■ Supplier Shipments
> ■ Customer Shipments

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Customer Shipment « Nill » To « Draft »

#### Creation

- The « Customer Shipment » is initially created in state « Waiting », not « Draft »
- This occurs when the « Sale » evolves into state « Processing »
- Hence, we do not document the state « Draft » further

- > Land Party
- > Product
- > 🛅 Company
- → <u>m</u> Financial
- > 属 Carrier
- > \$ Currency
- > S Banking
- ▼ Inventory & Stock
  - > Configuration
  - > : Locations
- Supplier Shipments

☆

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> 
Customer Shipments

Customer Shipment « Nill » To « Waiting »

#### Creation

- The « Customer Shipment » is created in state « Waiting »
- This occurs when « Sale » evolves into state « Processing »

- > 💄 Party
- > Product
- > 🛅 Company
- > m Financial
- > 属 Carrier
- > \$ Currency
- S Banking
- Inventory & Stock
  - > Configuration
  - > : Locations
- > 

  Supplier Shipments
- > 
  Customer Shipments

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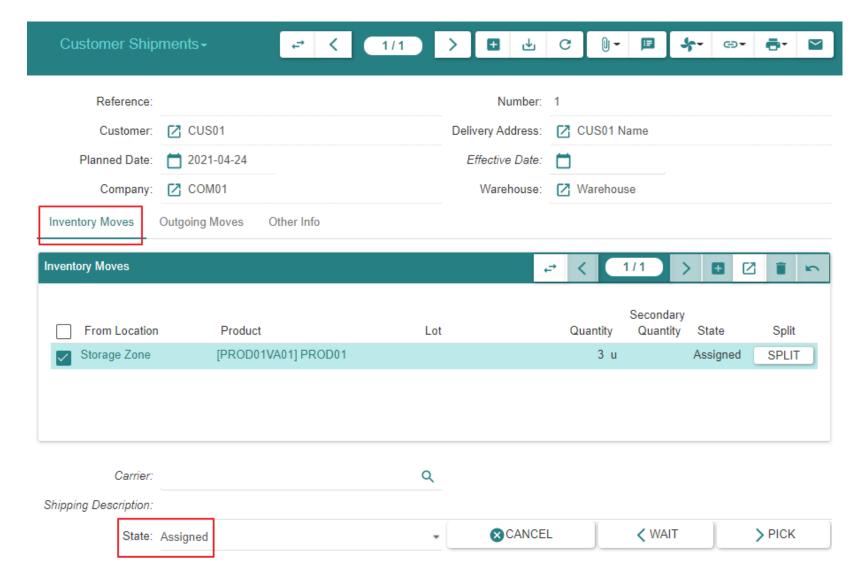
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Customer Shipment « Waiting » To « Assigned »

Customer Shipment From « Waiting » To « Assigned » Action

#### Customer Shipments - Inventory Moves



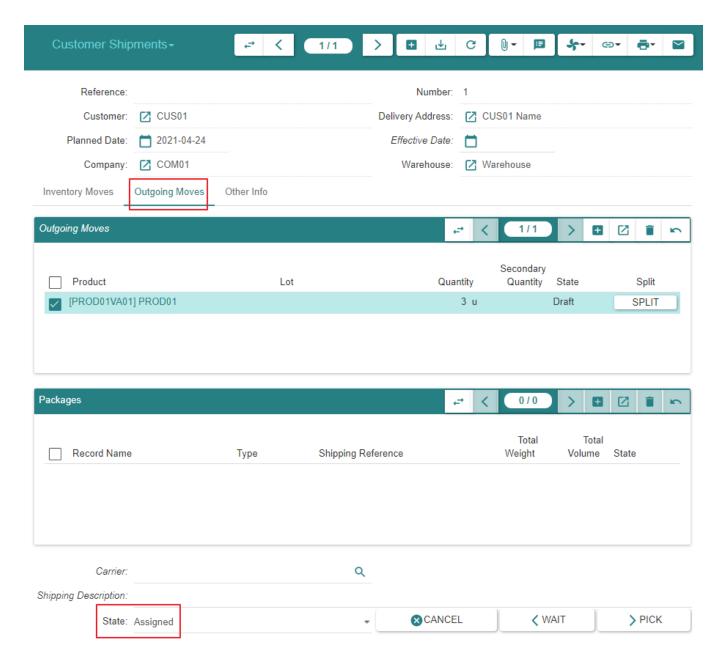
> ♣ Party
> ♣ Product
> ♠ Company
> ♠ Financial
> ♠ Carrier
> \$ Currency
> ⑤ Banking
▼ ☐ Inventory & Stock
> ♠ Configuration
> ➡ Locations
> ➡ Supplier Shipments
> ➡ Customer Shipments

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## Customer Shipments - Outgoing Moves



- > 💄 Party
- > Product
- > 🏥 Company
- → m Financial
- > Carrier
- > \$ Currency
- > S Banking
- Inventory & Stock
- > 🗱 Configuration
- > : Locations
- → Supplier Shipments

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Customer Shipments

Customer Shipment From « Waiting » To « Assigned » Impact

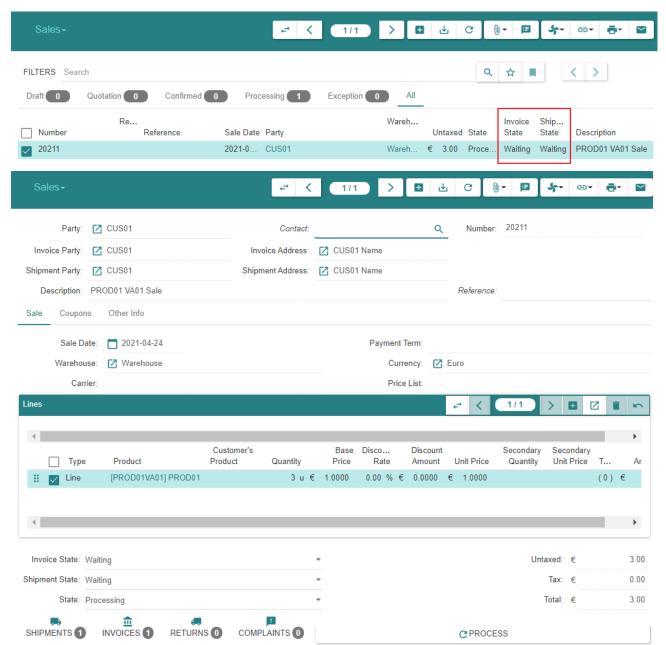
# Customer Shipment - From « Waiting » To « Assigned »

		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Assigned	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Assigned [Storage to Output]; Draft [Output to Customer]	Updated [Storage to Output]; Created [Output to Customer]
Invoice			
Invoices (Customer)	6	Draft	Created
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

# Customer Shipment - From « Waiting » To « Assigned »

		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

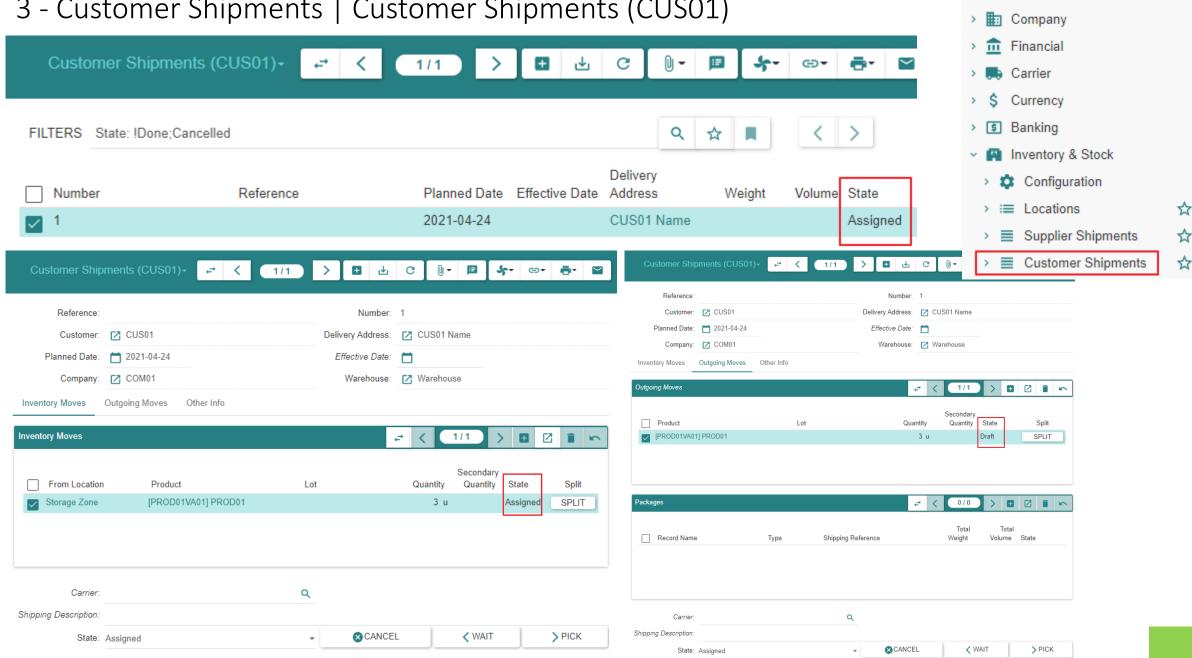
# 2 - Sales | Sales (SUP01)



- Party
- Product
- > **I** Company
- → m Financial
- > 📻 Carrier
- \$ Currency
- > **S** Banking
- > 📳 Inventory & Stock
- Purchase
- v 📻 Sales
- Configuration
  - Leads and Opportunities



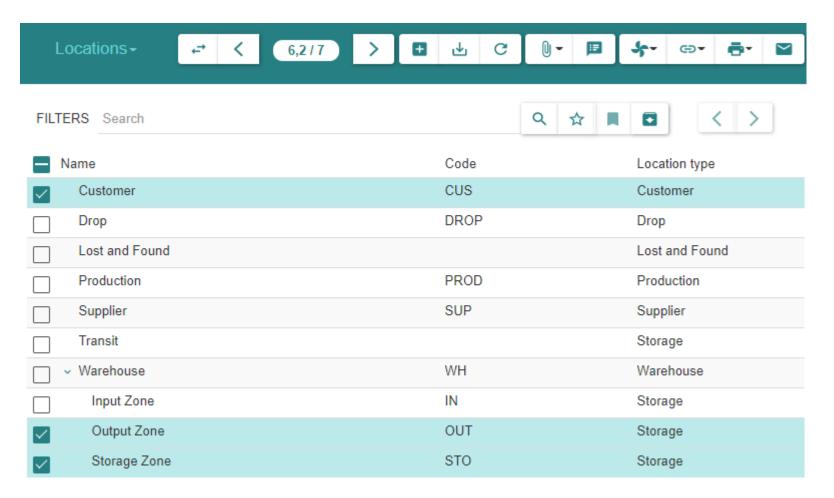
# 3 - Customer Shipments | Customer Shipments (CUS01)

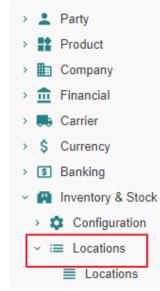


Party

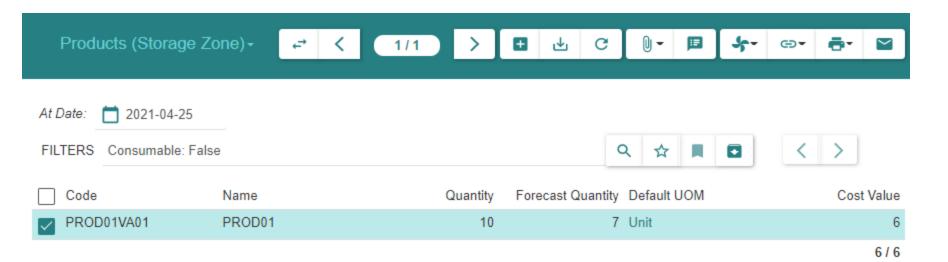
Product

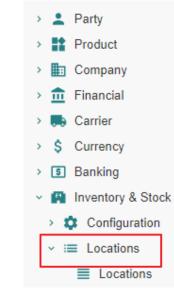
#### 4 - Stock Locations



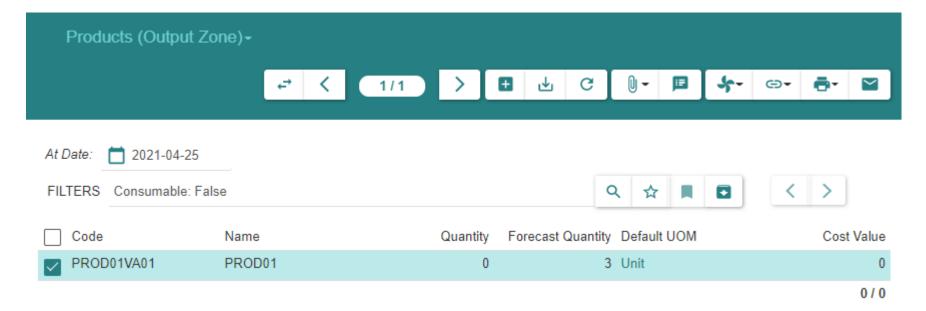


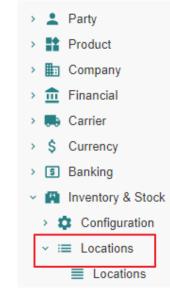
#### 4 - Stock Locations - Storage Zone



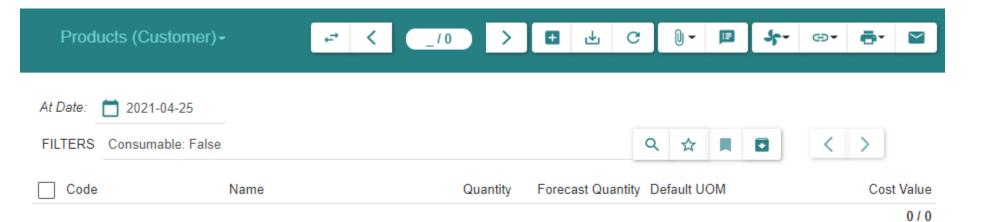


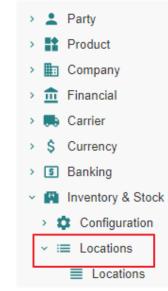
# 4 - Stock Locations - Output Zone

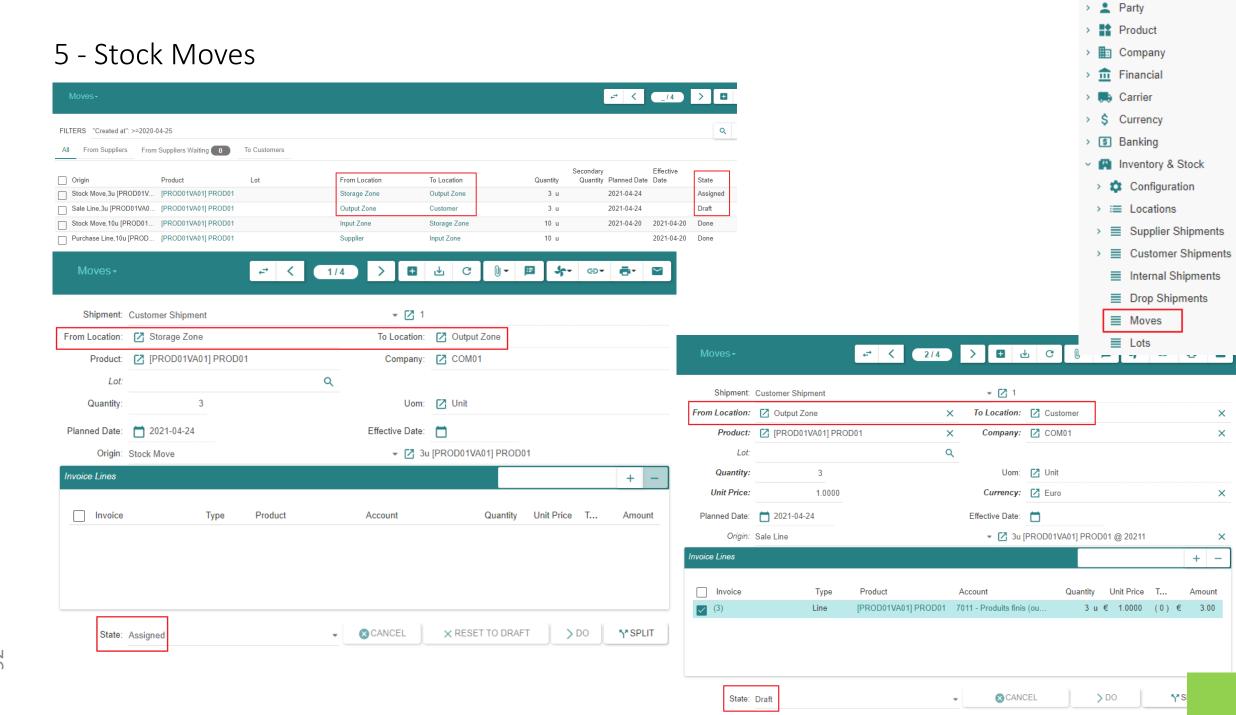




#### 4 - Stock Locations - Customer

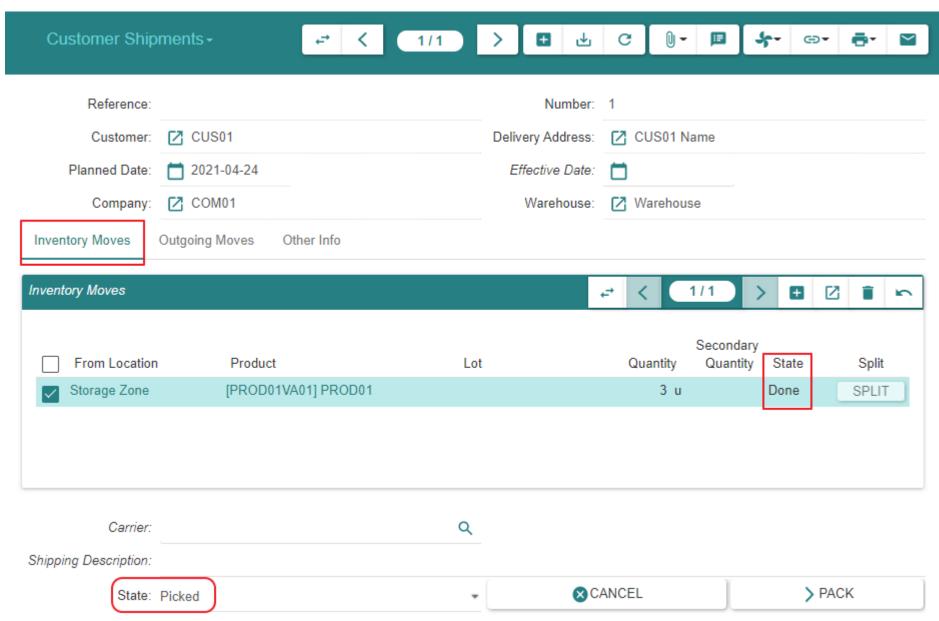






Customer Shipment From « Assigned » to « Picked » Customer Shipment From « Assigned » to « Picked » Action

#### Customer Shipments - Inventory Moves



> ♣ Party
> ♣ Product
> ♣ Company
> ♠ Financial
> ♠ Carrier
> \$ Currency
> ■ Banking

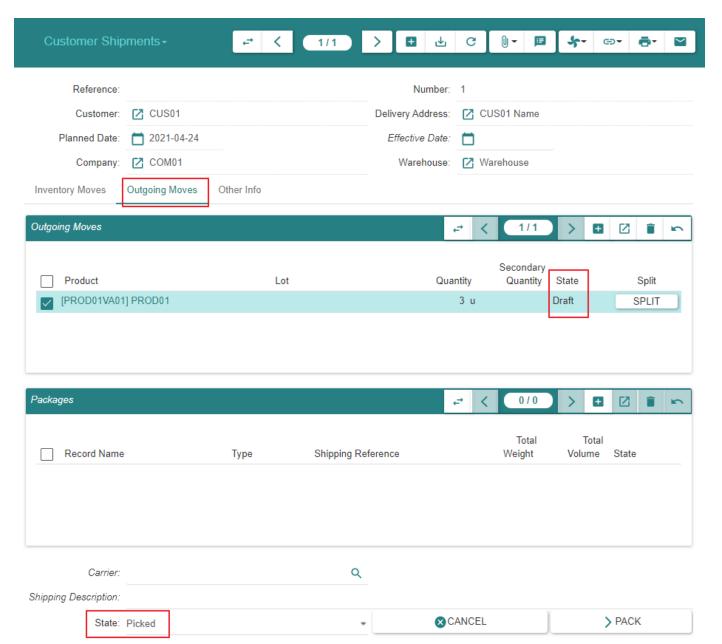
✓ ♠ Inventory & Stock
> ♠ Configuration
> ■ Locations

★
> ■ Supplier Shipments

Customer Shipments

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## Customer Shipments - Outgoing Moves



- > 💄 Party
- > Product
- > **I** Company
- → 🏦 Financial
- > Carrier
- > \$ Currency
- > S Banking
- Inventory & Stock
- > 🌣 Configuration
- > : Locations
- → Supplier Shipments

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Customer Shipments

Customer Shipment From « Assigned » to « Picked » Impact

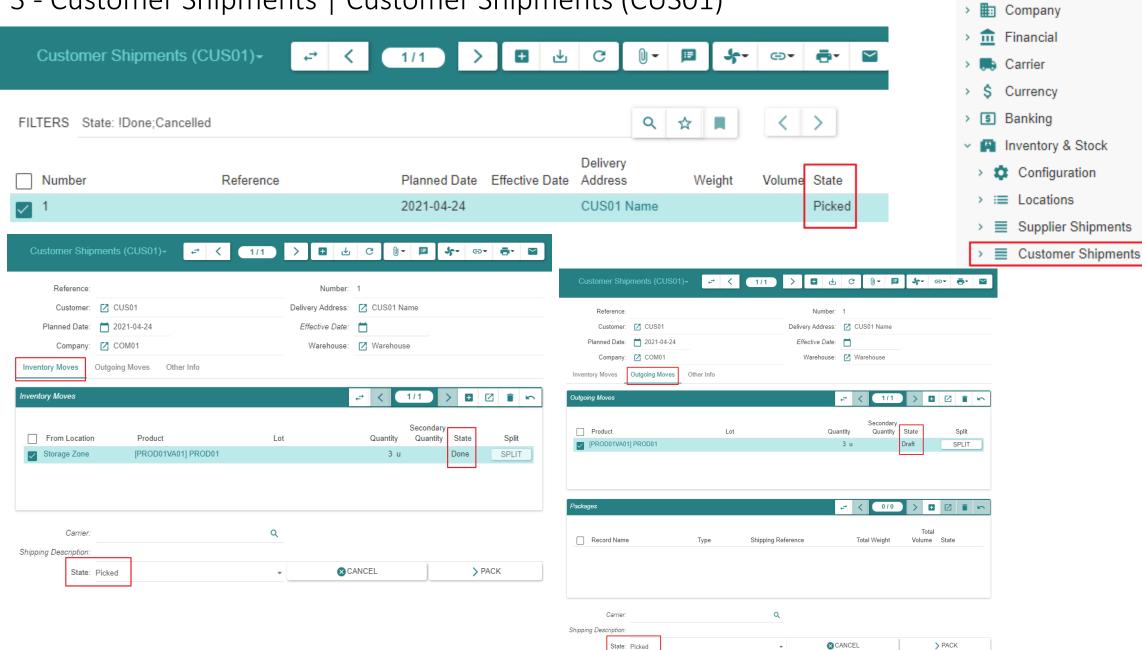
# Customer Shipment - From « Assigned » To « Picked »

		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Picked	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [Storage to Output] ; Draft [Output to Customer]	Updated [Storage to Output]; Created [Output to Customer]
Invoice			
Invoices (Customer)	6	Draft	Created
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

# Customer Shipment - From « Assigned » To « Picked »

		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

# 3 - Customer Shipments | Customer Shipments (CUS01)



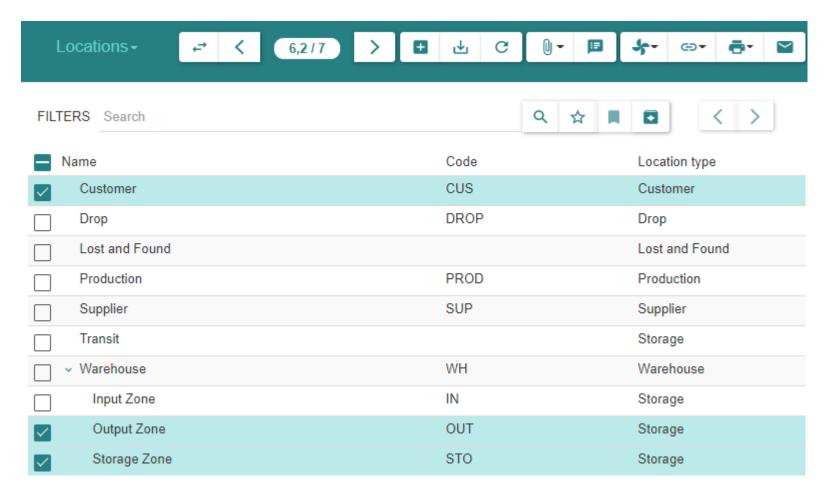
Party

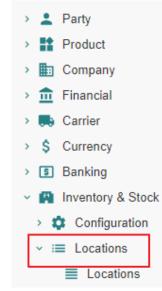
Product

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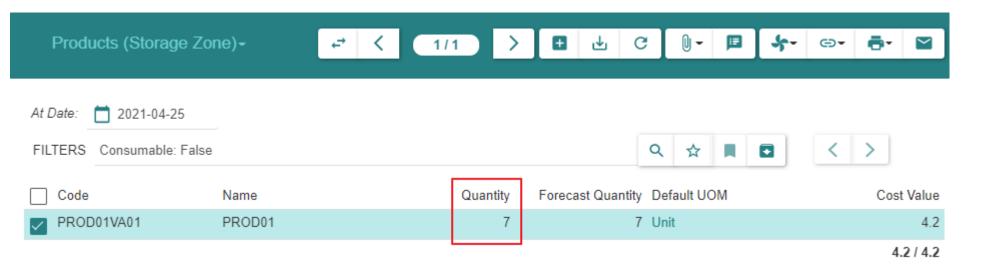
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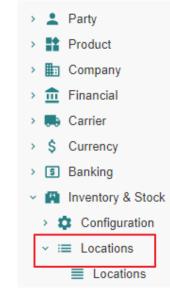
#### 4 - Stock Locations



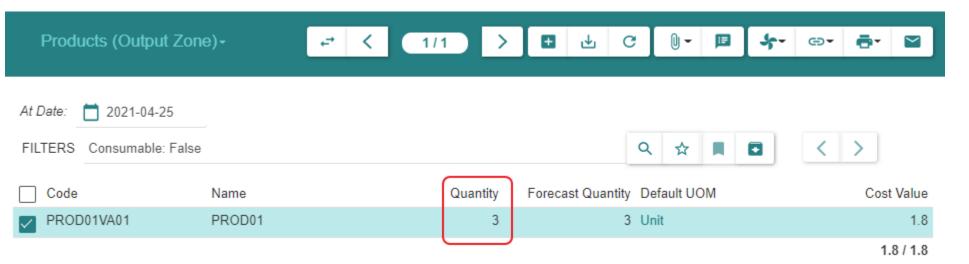


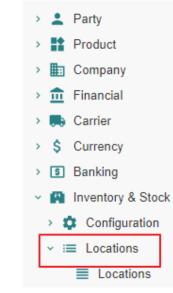
#### 4 - Stock Locations - Storage Zone



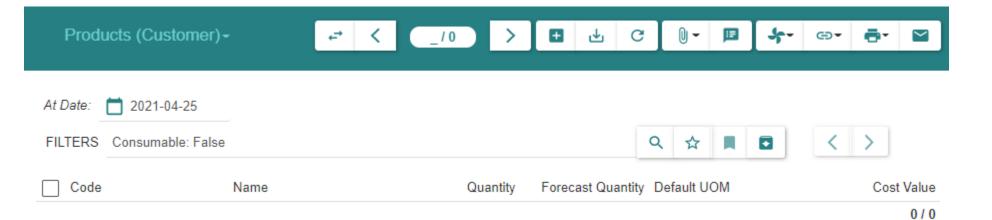


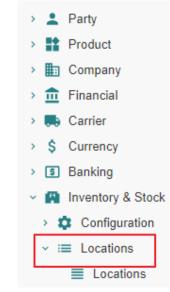
## 4 - Stock Locations - Output Zone



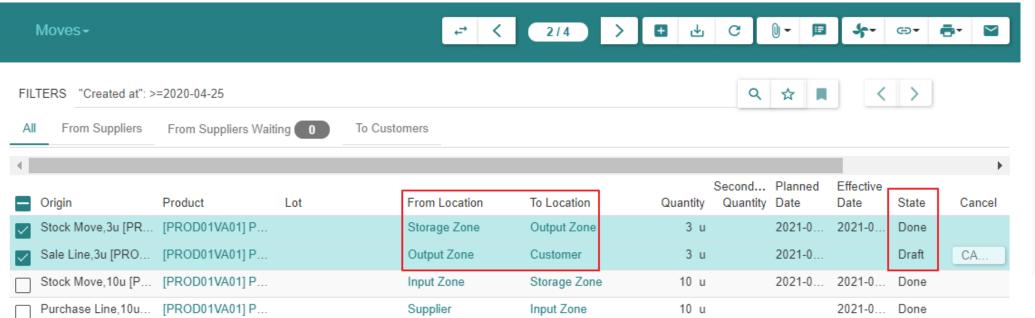


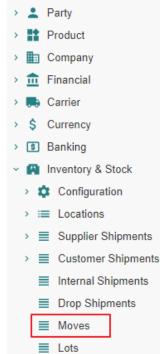
#### 4 - Stock Locations - Customer





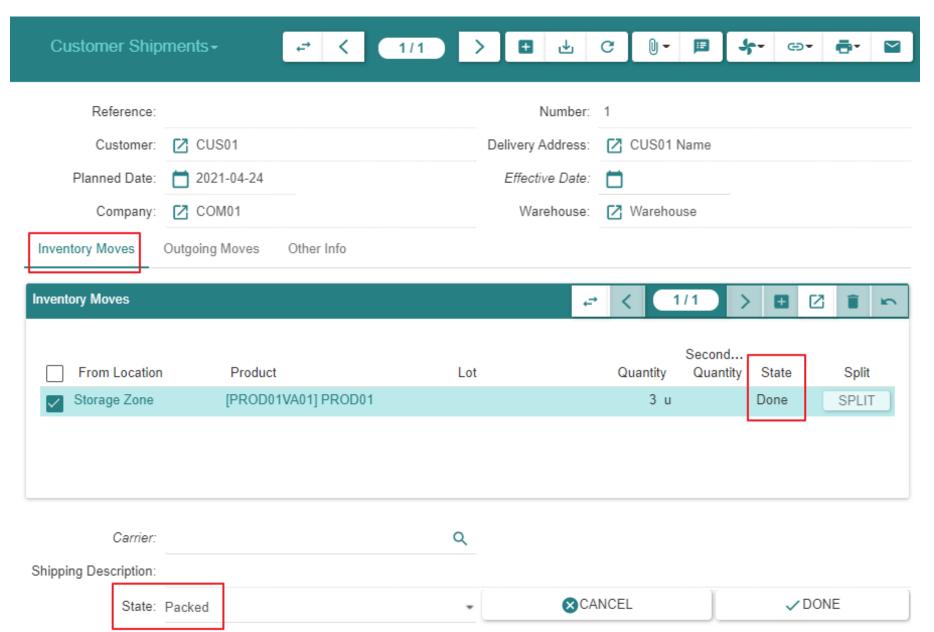
#### 5 - Stock Moves

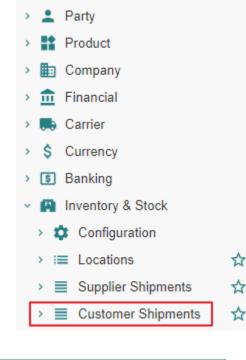


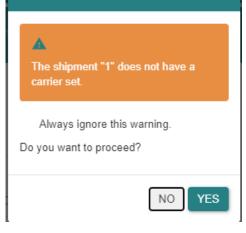


Customer Shipment From « Picked » to « Packed » Customer Shipment From « Picked » to « Packed » Action

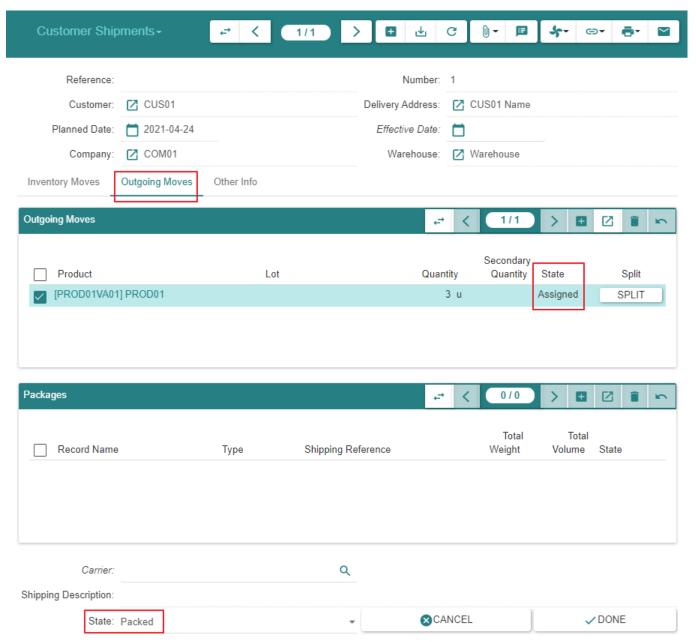
## Customer Shipments - Inventory Moves







# Customer Shipments - Outgoing Moves



- > 💄 Party
- > Product
- Em Company
- → m Financial
- > Carrier
- \$ Currency
- > S Banking
- Inventory & Stock
  - > 🗱 Configuration
  - Locations
- → Supplier Shipments
- > 

  Customer Shipments

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Customer Shipment From « Picked » to « Packed » Impact

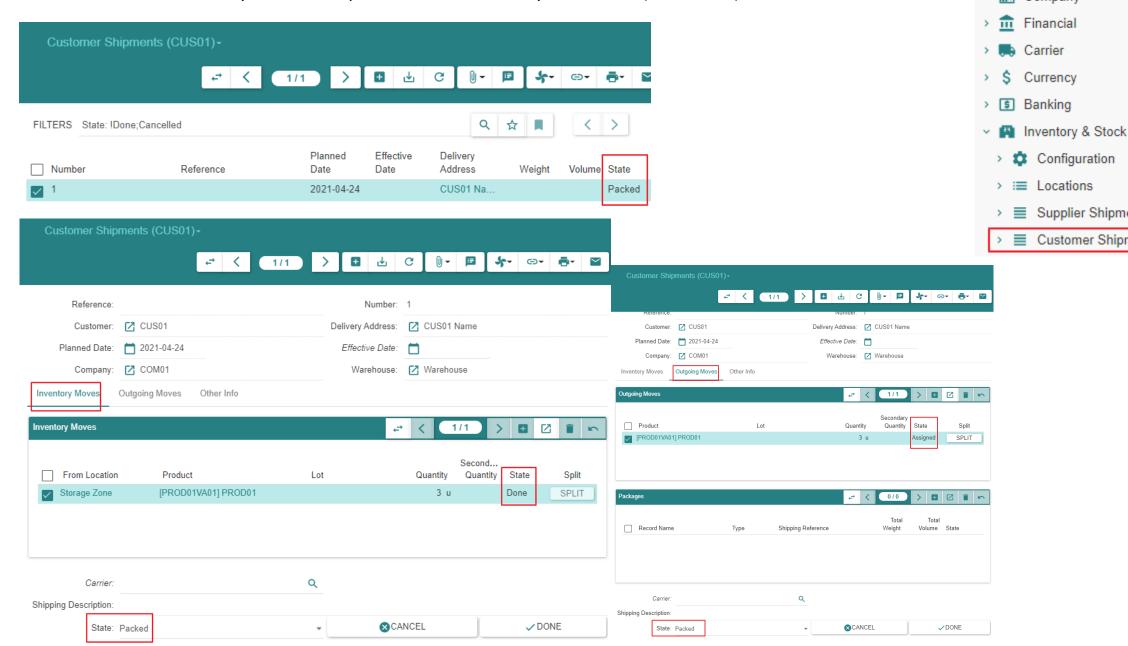
# Customer Shipment - From « Picked » To « Packed »

		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Packed	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [Storage to Output] ; Assigned [Output to Customer]	Updated [Storage to Output] ; Created [Output to Customer]
Invoice			
Invoices (Customer)	6	Draft	Created
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

# Customer Shipment - From « Picked » To « Packed »

		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

## 3 - Customer Shipments | Customer Shipments (CUS01)



Party

Product

Company

Currency

Configuration

Supplier Shipments

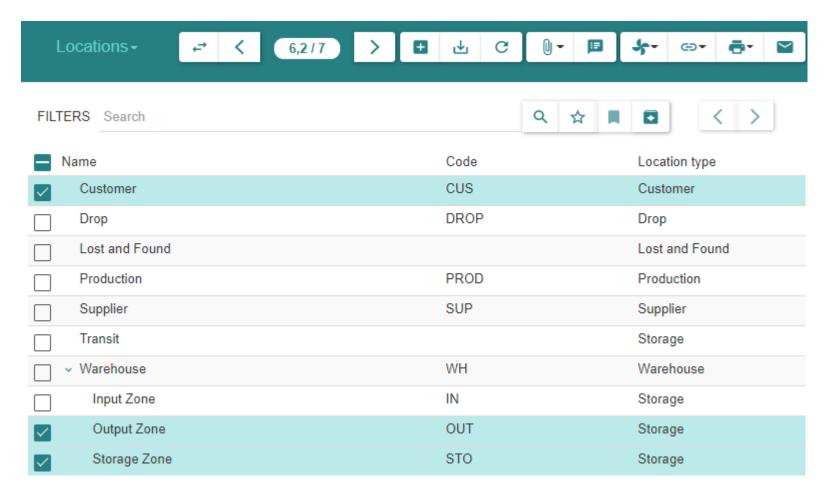
Customer Shipments

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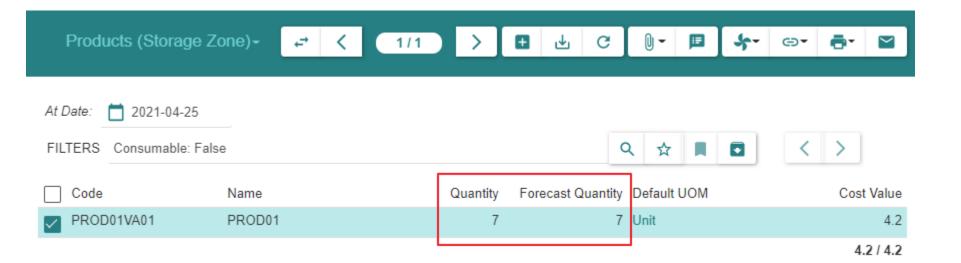


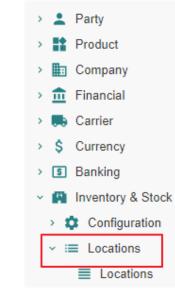
### 4 - Stock Locations



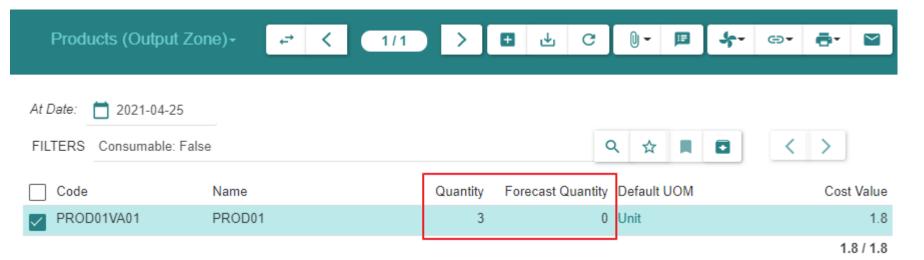
→ Party
→ Product
→ Company
→ Financial
→ Carrier
→ Currency
→ Banking
→ Inventory & Stock
→ Configuration
→ Locations
■ Locations

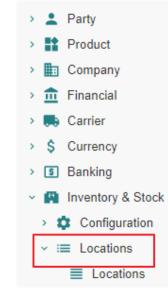
## 4 - Stock Locations - Storage Zone



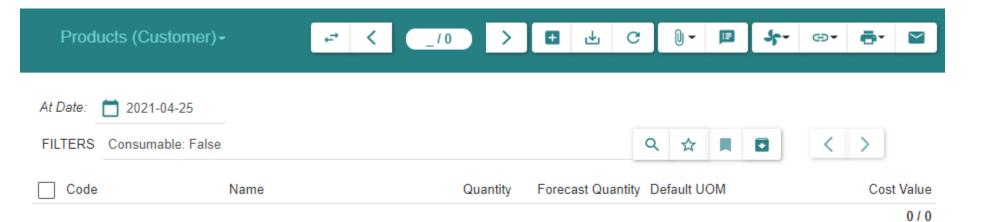


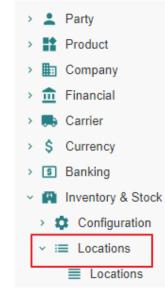
## 4 - Stock Locations - Output Zone



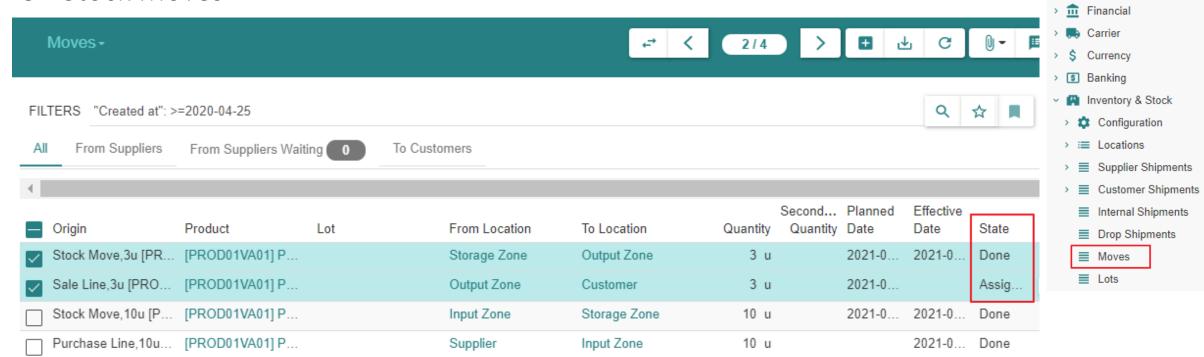


### 4 - Stock Locations - Customer





### 5 - Stock Moves

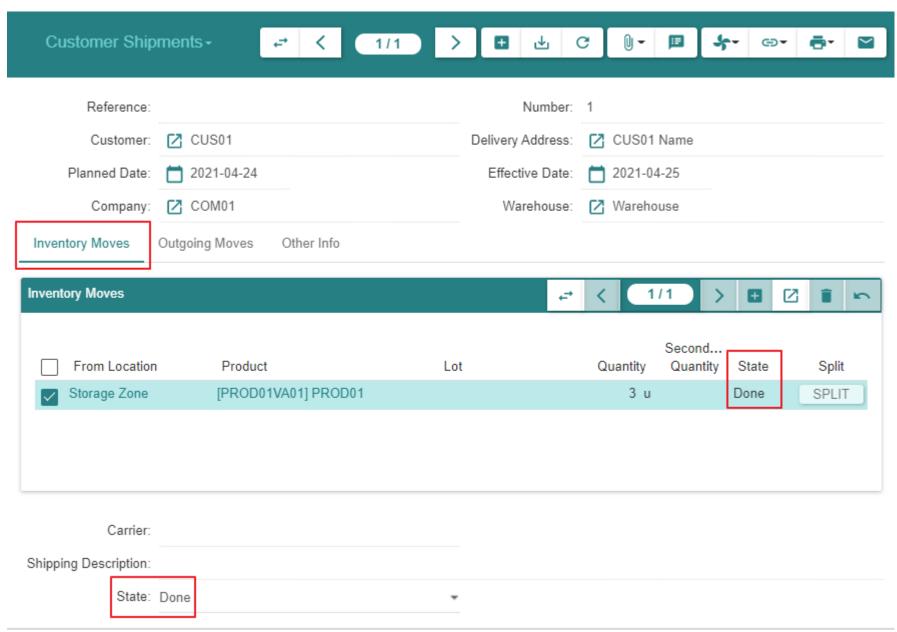


> Party
> Product

> En Company

Customer Shipment From « Packed » to « Done » Customer Shipment From « Packed » to « Done » Action

### Customer Shipments - Inventory Moves

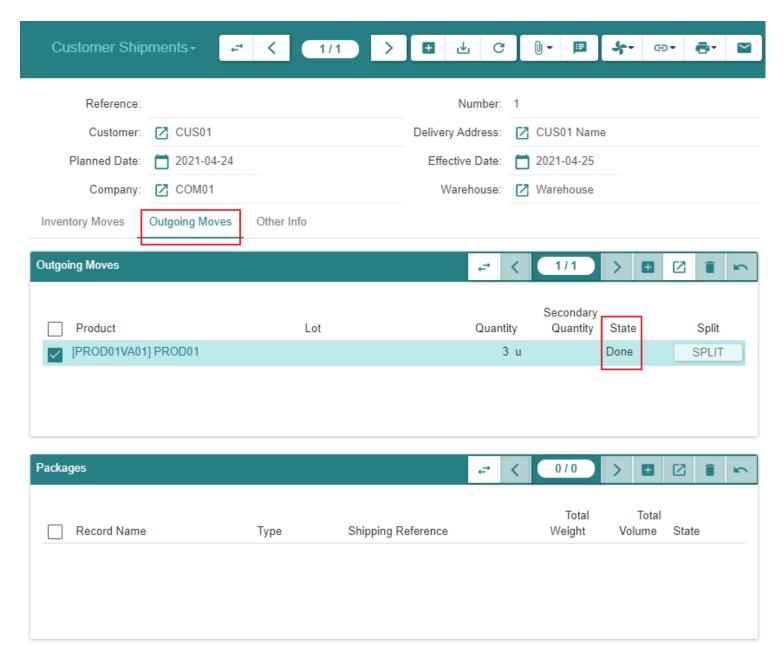


> ♣ Party
> ♣ Product
> ♣ Company
> ♠ Financial
> ♣ Carrier
> \$ Currency
> ⑤ Banking

▼ ☐ Inventory & Stock
> ♠ Configuration
> ➡ Locations
> ➡ Supplier Shipments

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## Customer Shipments - Outgoing Moves



Customer Shipments

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Customer Shipment From « Packed » to « Done » Impact

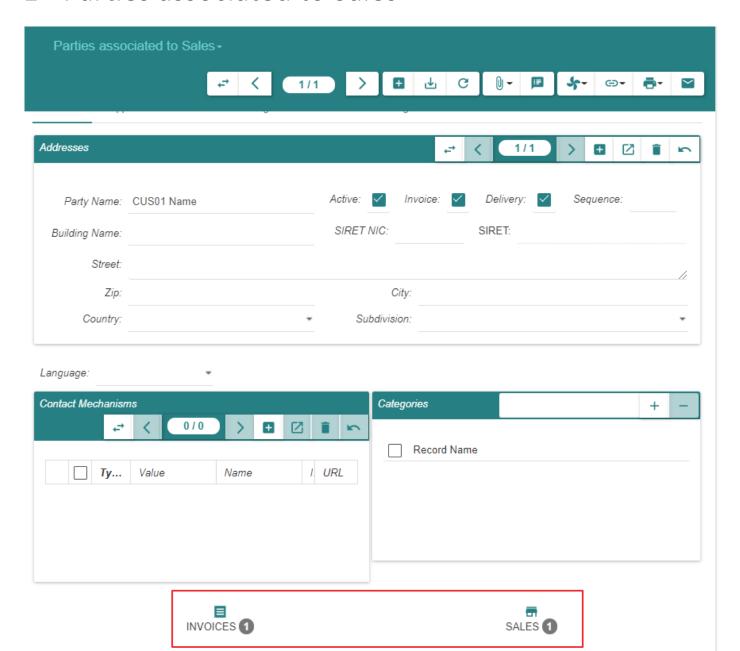
# Customer Shipment - From « Packed » To « Done »

		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Done	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [Storage to Output] ; Done [Output to Customer]	Updated [Storage to Output] ; Created [Output to Customer]
Invoice			
Invoices (Customer)	6	Draft	Created
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

# Customer Shipment - From « Packed » To « Done »

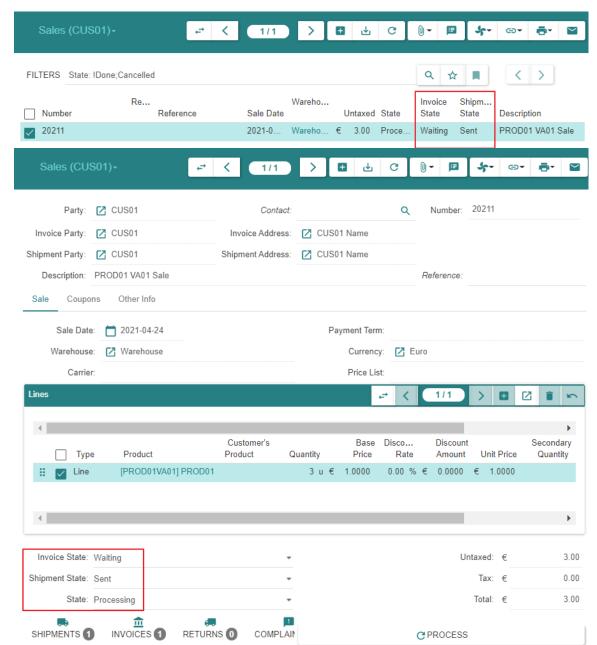
		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

### 1 - Parties associated to Sales





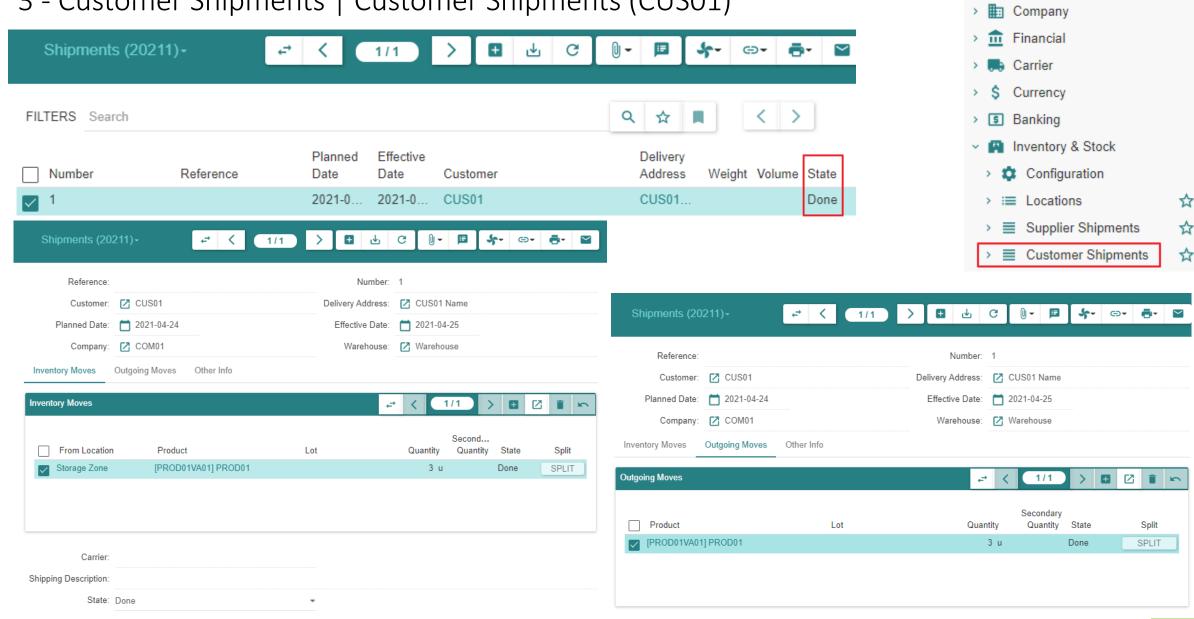
# 2 - Sales | Sales (CUSO1)



- 🗦 💄 Party
- Product
- > 🛅 Company
- → m Financial
- Carrier 📻
- \$ Currency
- > **S** Banking
- > 📳 Inventory & Stock
- > Purchase
- Sales
- Configuration
  - Leads and Opportunities

Sales

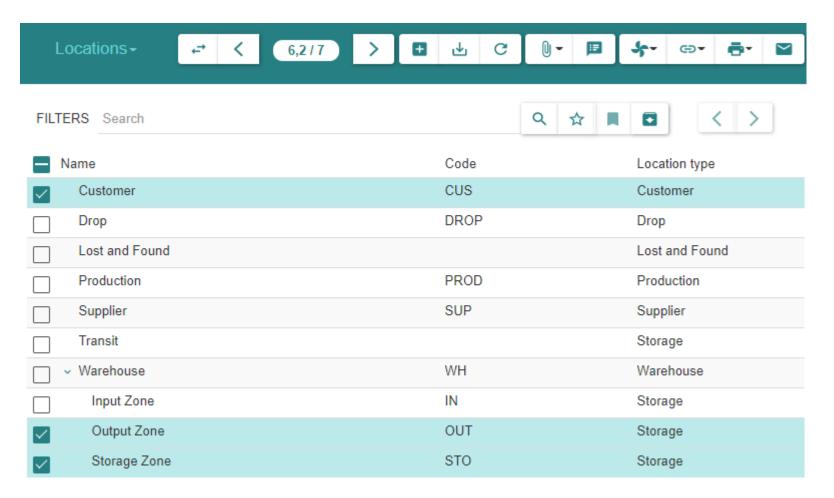
# 3 - Customer Shipments | Customer Shipments (CUS01)

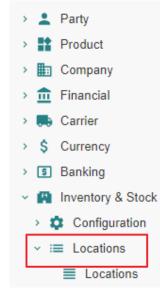


Party

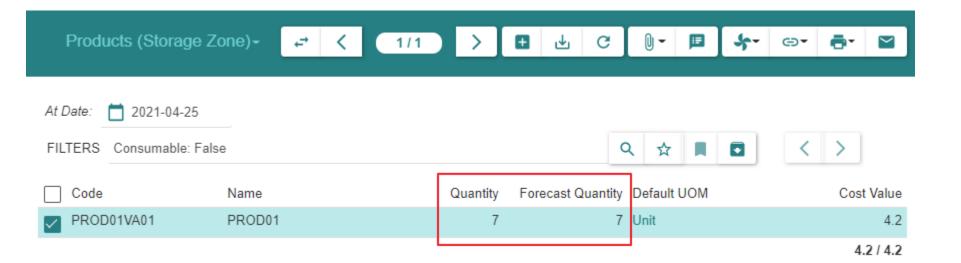
Product

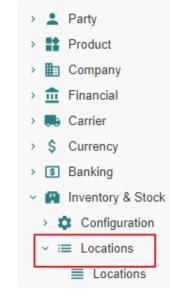
### 4 - Stock Locations



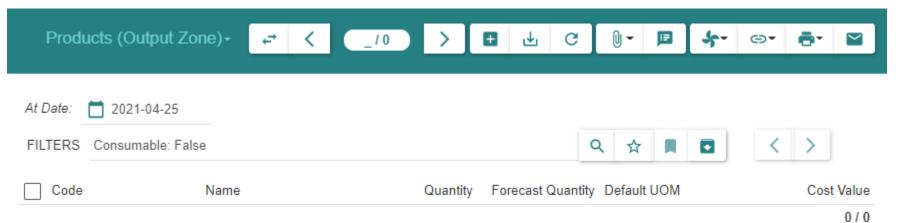


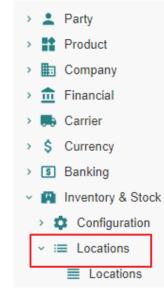
## 4 - Stock Locations - Storage Zone



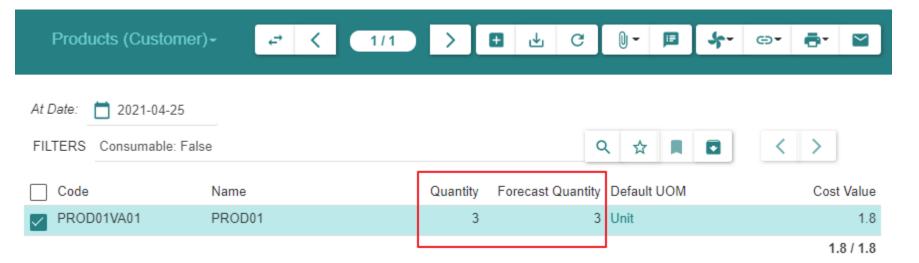


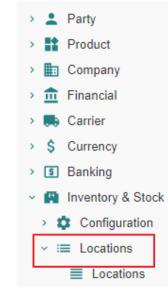
# 4 - Stock Locations - Output Zone



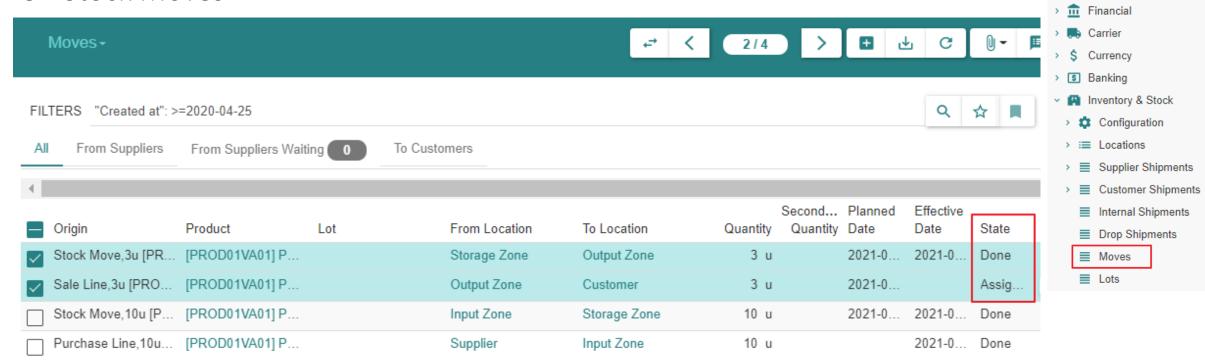


### 4 - Stock Locations - Customer





### 5 - Stock Moves



> Party
> Product

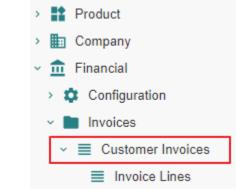
> En Company

Customer Invoice - State Changes - Actual States

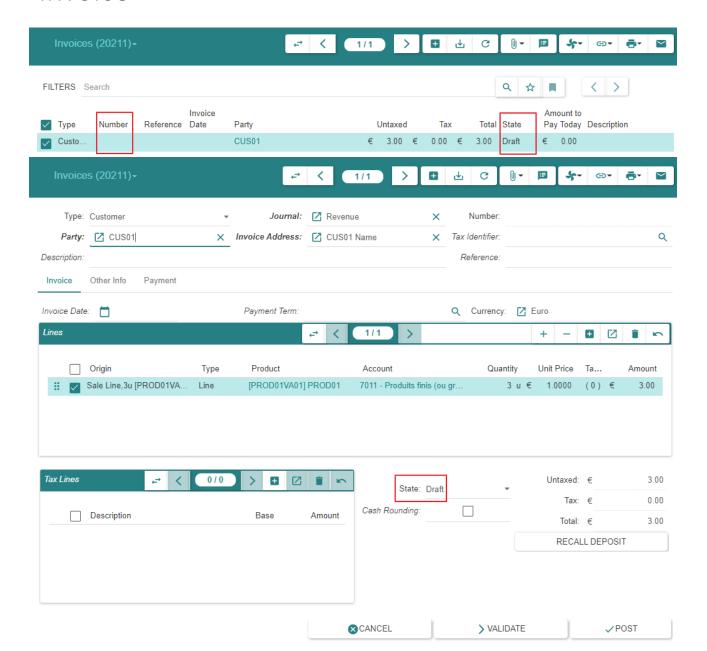
Customer Invoice « Nill » To « Draft »

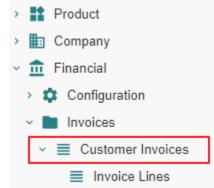
### Creation

- The « Customer Invoice » is initially created in state « Draft »
- The system creates such invoice when the « Sale » evolves into state « Processing »



### Invoice

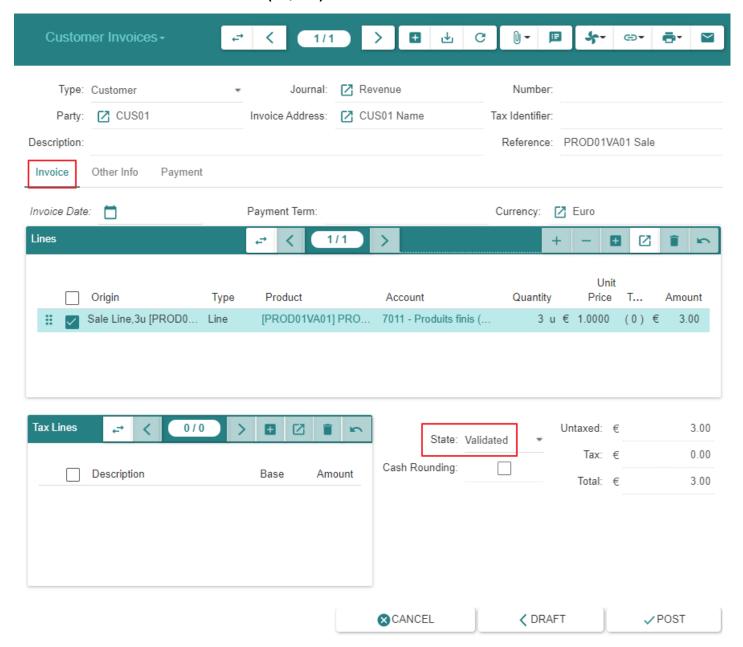


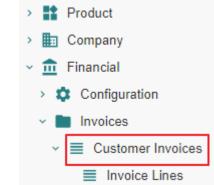


Customer Invoice « Draft » To « Validated »

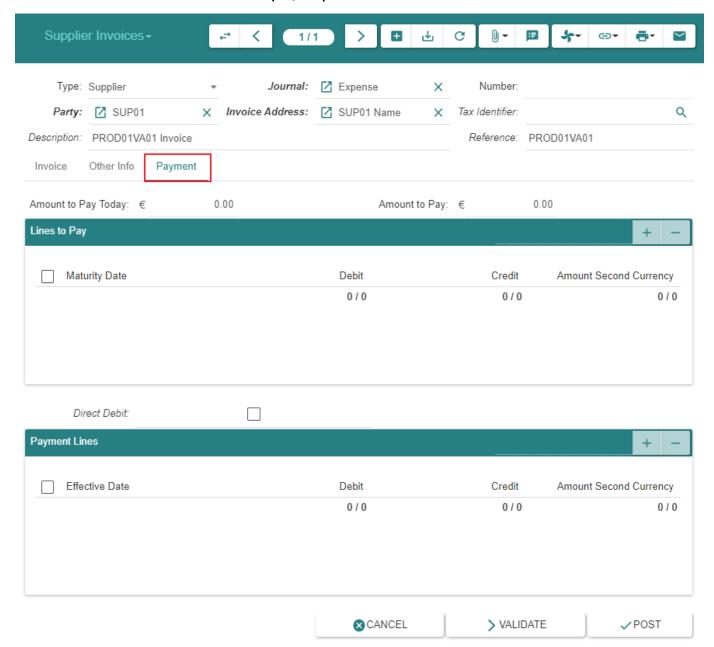
Customer Invoice From « Draft » To « Validated » Action

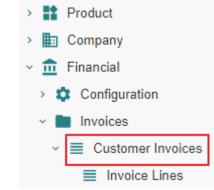
## Customer Invoices (1/2)





## Customer Invoices (2/2)





Customer Invoice From « Draft » To « Validated » Impact

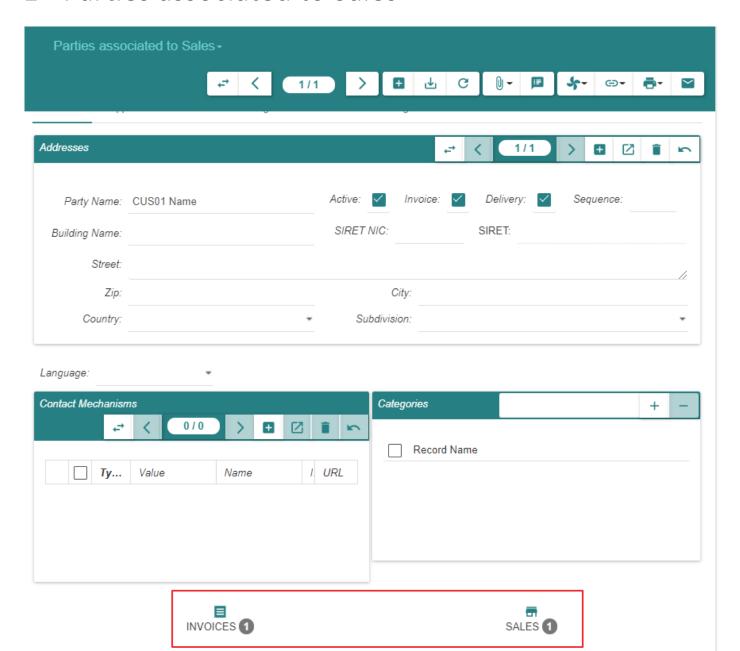
## Customer Invoice - From « Draft » To « Validated »

		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Done	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [Storage to Output] ; Done [Output to Customer]	Updated [Storage to Output] ; Created [Output to Customer]
Invoice			
Invoices (Customer)	6	Validated	Updated
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

# Customer Shipment - From « Packed » To « Done »

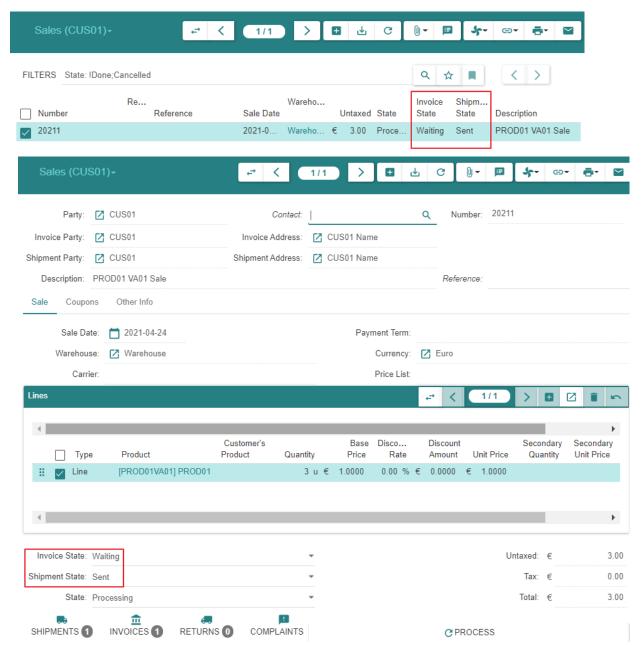
		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

#### 1 - Parties associated to Sales



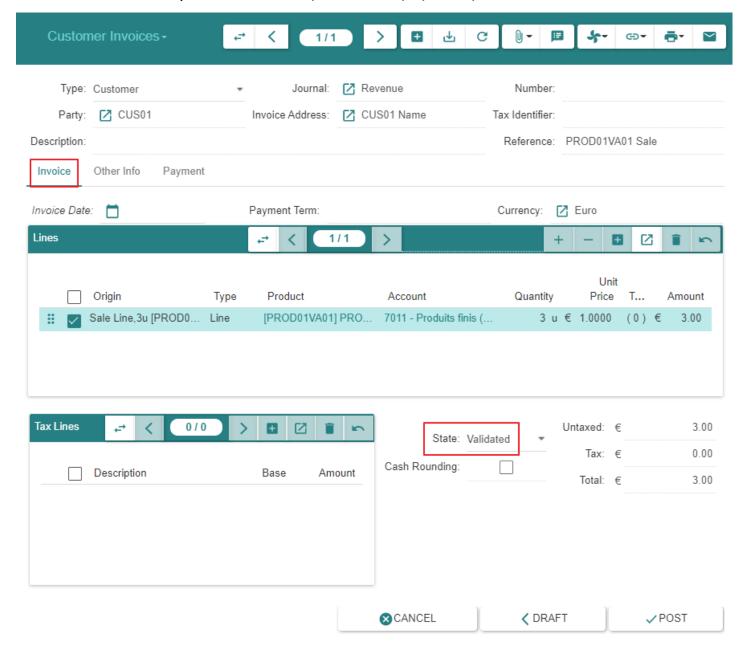


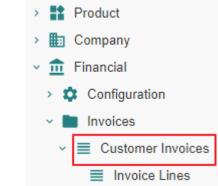
# 2 - Sales | Sales (CUSO1)



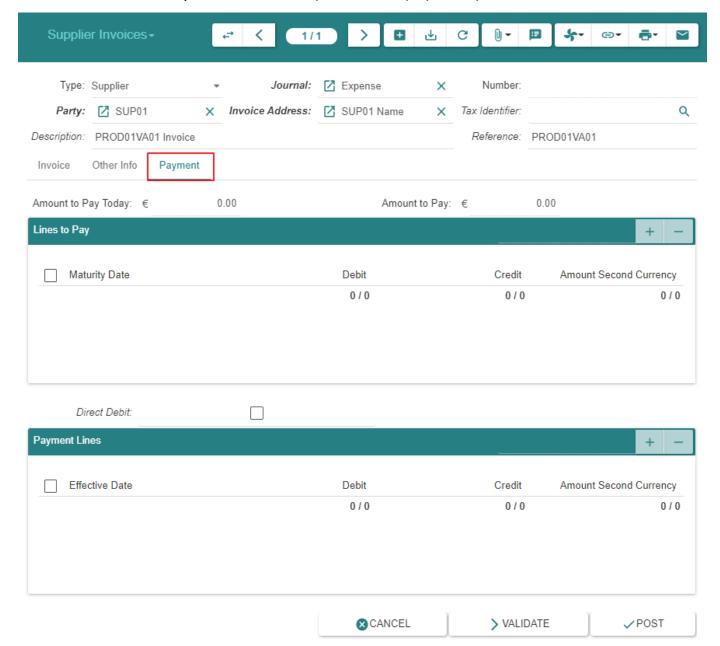
- > 💄 Party
- Product
- > 🋅 Company
- → m Financial
- Carrier ...
- > \$ Currency
- > **S** Banking
- > 📳 Inventory & Stock
- Purchase
- Sales
- Configuration
  - Leads and Opportunities
  - Sales

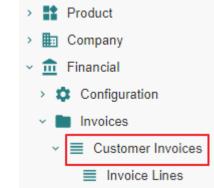
## 6 - Invoices | Invoices (CUS01) (1/2)



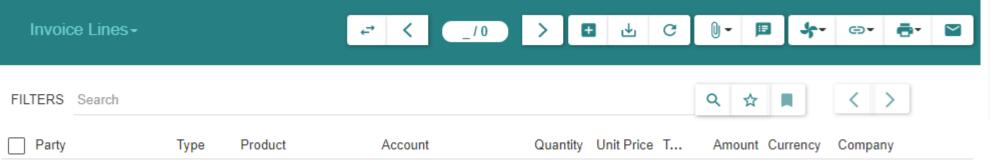


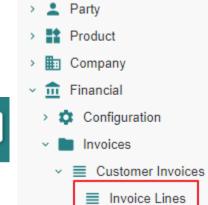
# 6 - Invoices | Invoices (CUS01) (2/2)



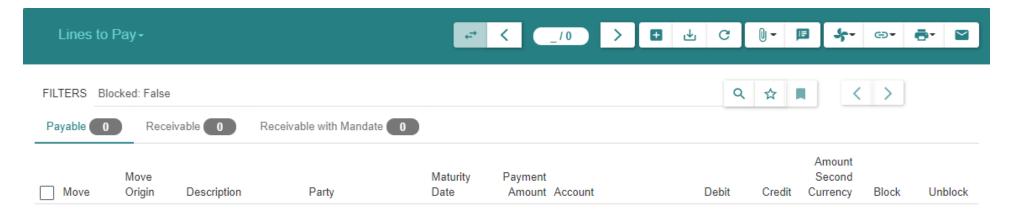


#### 7 - Invoice Lines





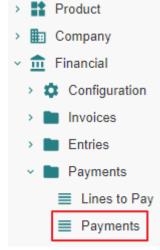
## 8 - Lines to Pay

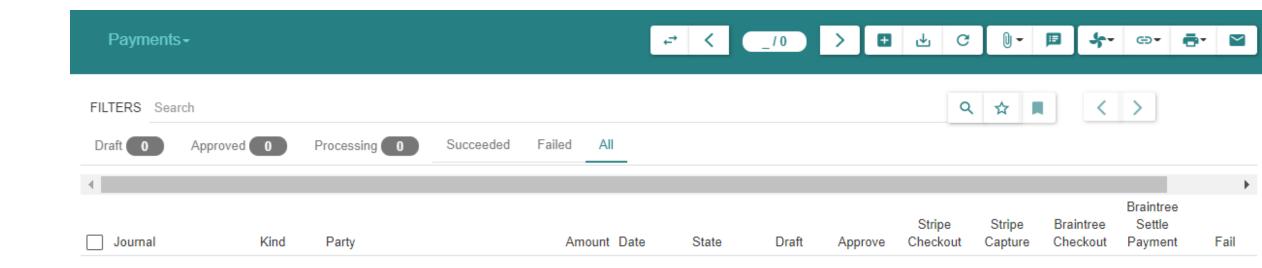


Party Product Company financial Configuration Invoices Entries Payments Lines to Pay Payments ■ Payment Groups ■ Braintree Refunds ■ Braintree Customers Stripe Refunds Stripe Customers

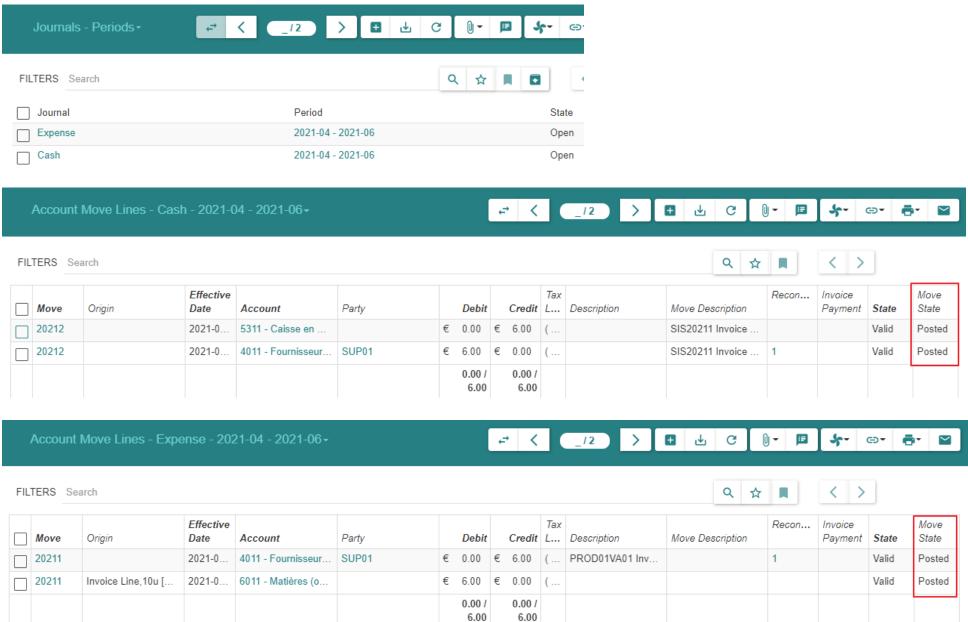
■ SEPA Messages

## 9 - Payments



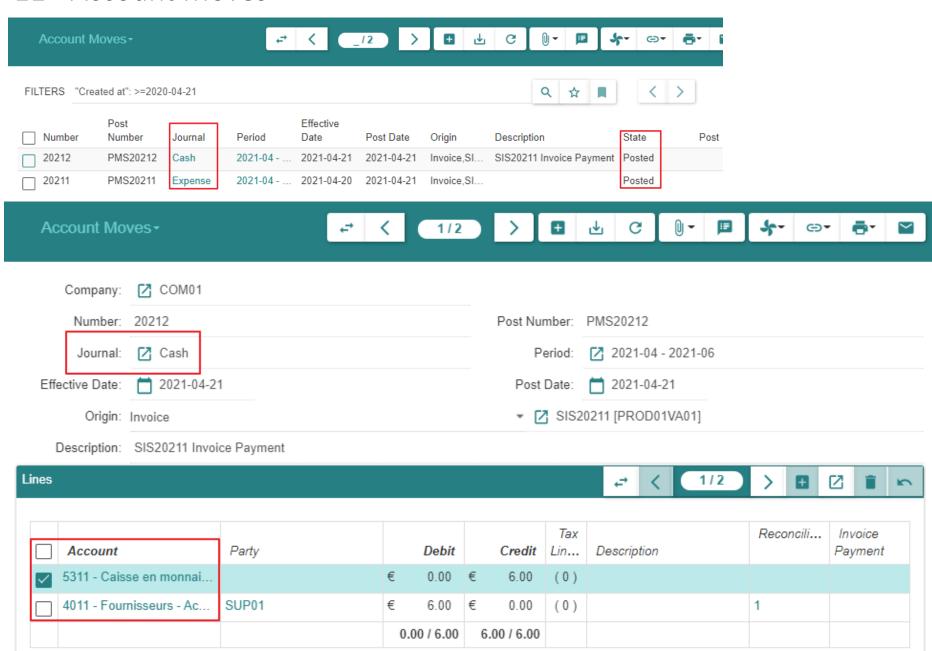


#### 10 - Journals - Periods

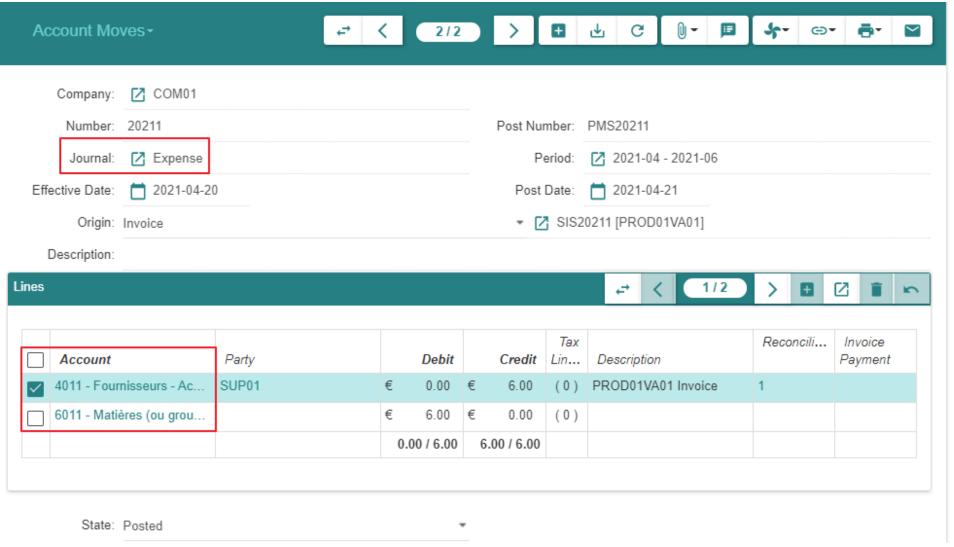


- Product
- > **b** Company
- Financial
  - > 🌣 Configuration
  - > Invoices
  - → Entries
    - Journals Periods
    - Account Moves
    - Open Journal
    - Create Move from T...

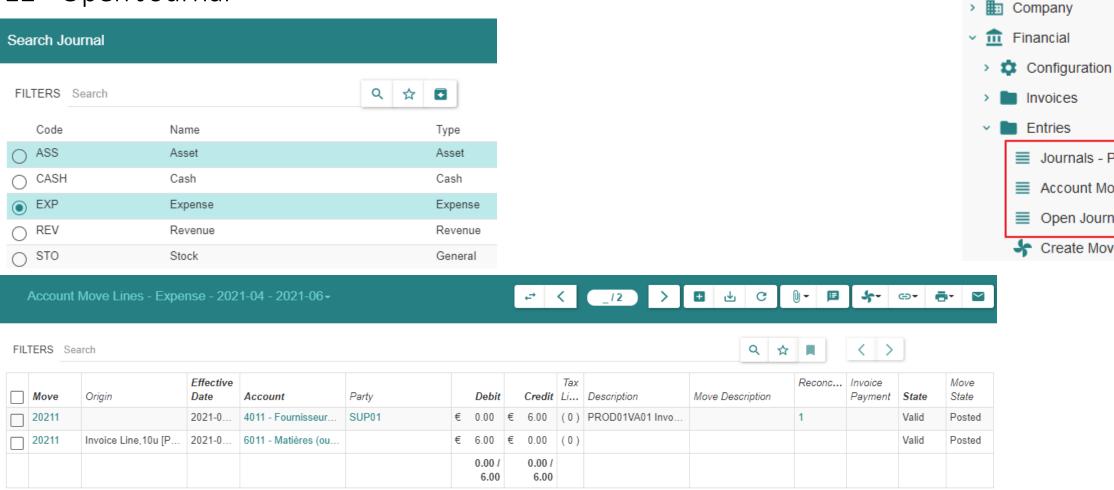
#### 11 - Account Moves



#### 11 - Account Moves



## 12 - Open Journal



Party

Product

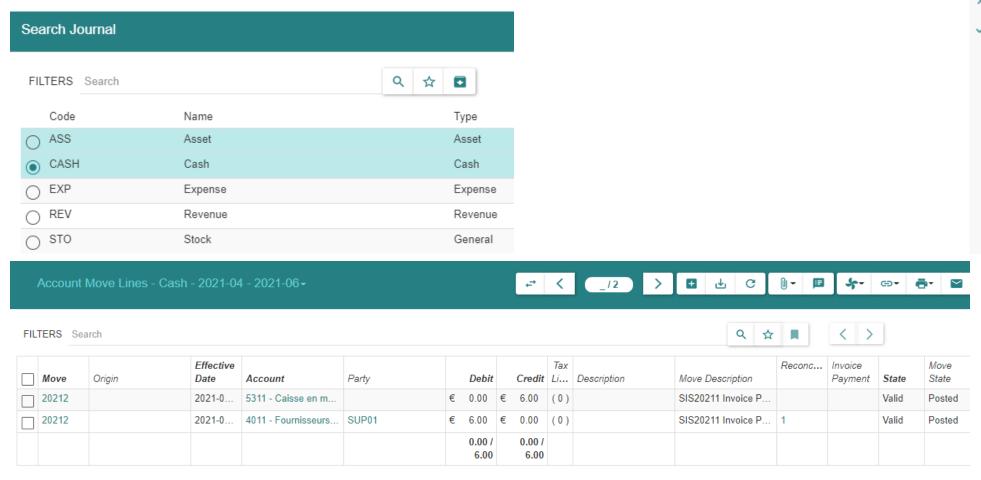
Journals - Periods

Create Move from T...

Account Moves

Open Journal

# 12 - Open Journal



> 2 Party

Product

Company

m Financial

> Invoices

Entries

> 🌣 Configuration

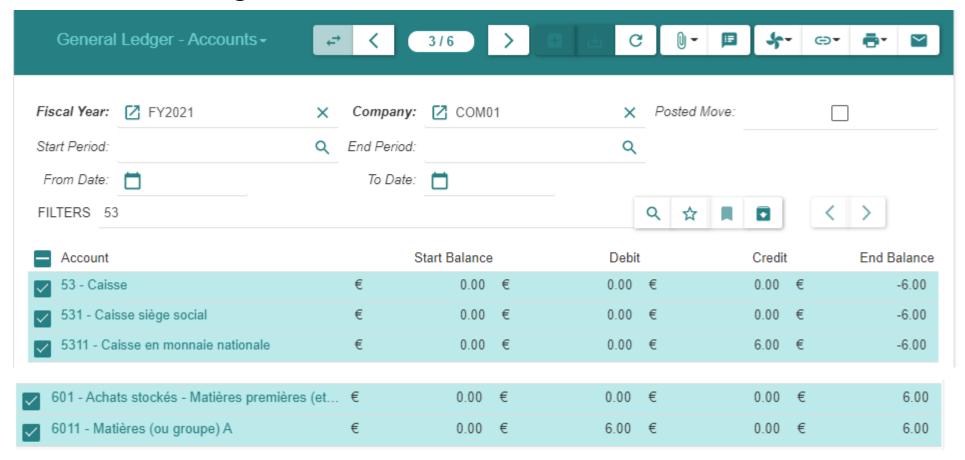
Journals - Periods

Create Move from T...

Account Moves

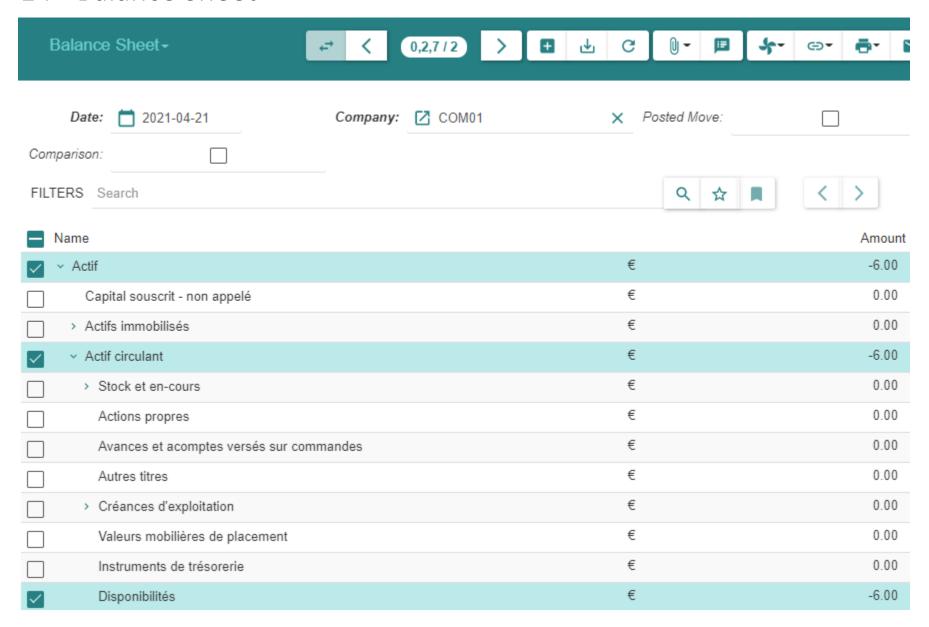
Open Journal

#### 13 - General Ledger





#### 14 - Balance Sheet

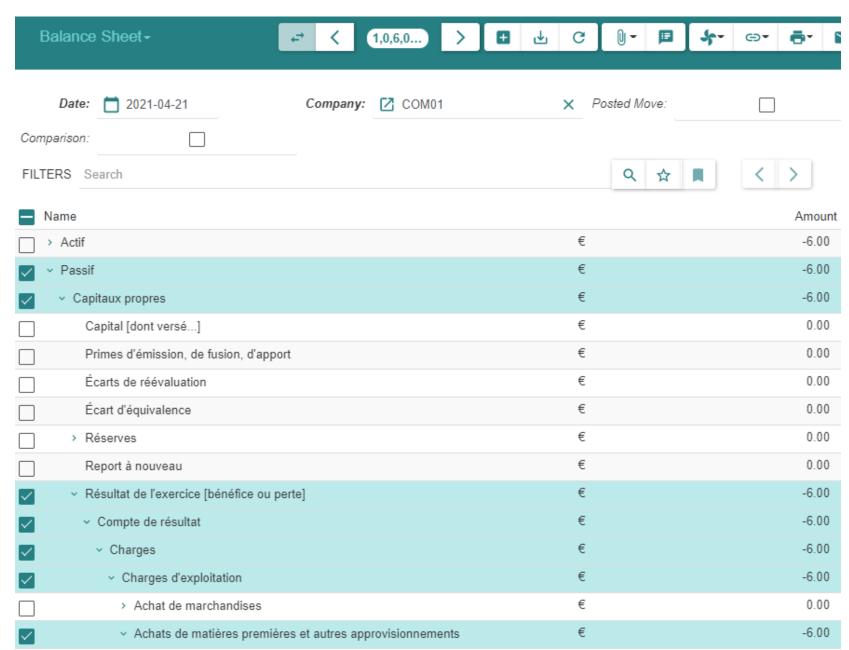


> 🙎 Party > Product > **E** Company √ m Financial > 🏩 Configuration Invoices Entries Payments Charts Dunnings Statements Assets Processing Reporting General Ledger

■ Balance Sheet

Income Statement

#### 14 - Balance Sheet



- > 💄 Party
- Product
- > **E** Company
- Financial
  - Configuration
  - > Invoices
  - > Entries
  - Payments
  - > Charts
  - Dunnings
  - Statements
  - Assets
  - > Processing
  - Reporting



# 16 - General Journal

Journal Entry: 20211	Date: 04/20/2021	Origin: SIS20211 [PROD01VA01]	Posted Pl 04/21/	
Account	Description		Debit	Credit
4011 Fournisseurs - Achats de biens et prestations de services	PROD01VA01 Invoice		€0.00	€6.00
6011 Matières (ou groupe) A			€6.00	€0.00
Journal Entry: 20212 SIS20211 Invoice Payment	Date: 04/21/2021	Origin: SIS20211 [PROD01VA01]	Posted P1 04/21/	
Account	Descr	iption	Debit	Credit
5311 <u>Caisse en</u> monnaie nationale			€0.00	€6.00
4011 Fournisseurs - Achats de biens et prestations de services			€6.00	€0.00

> 🛅 Company
√ <u>m</u> Financial
> 🌣 Configuration
> Invoices
> Entries
> Payments
> Charts
> Dunnings
> Statements
> Assets
> Processing
Reporting
■ General Ledger
■ Balance Sheet
Income Statement
Aged Balance
Journals Cash
Journals - Periods
🖶 Print General Journal

Journal

From Date: 📋 2021-01-01 To Date: 📋 2021-04-21 × Posted Move: Company: COM01



Customer Invoices From State « Validated » to State « Posted »

#### Motivation

# What is posting in accounting?

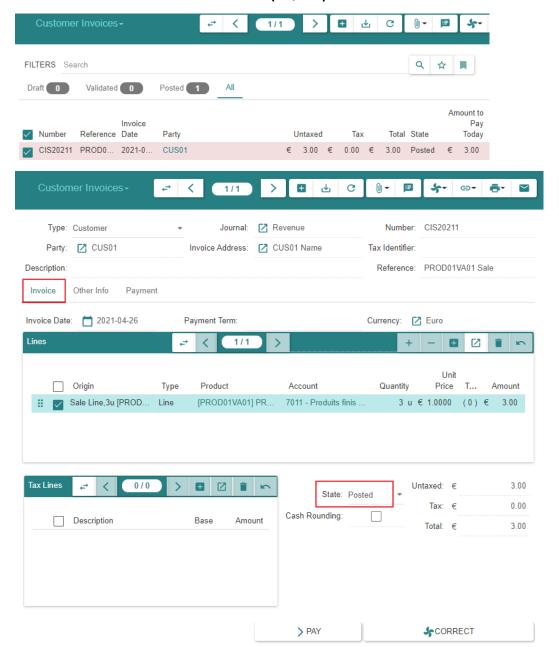
December 22, 2020

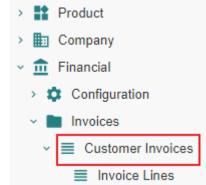
Posting in accounting is when the balances in subledgers and the general journal are shifted into the general ledger. Posting only transfers the total balance in a subledger into the general ledger, not the individual transactions in the subledger. An accounting manager may elect to engage in posting relatively infrequently, such as once a month, or perhaps as frequently as once a day.

Subledgers are only used when there is a large volume of transaction activity in a certain accounting area, such as inventory, accounts payable, or sales. Thus, posting only applies to these larger-volume situations. For low-volume transaction situations, entries are made directly into the general ledger, so there are no subledgers and therefore no need for posting.

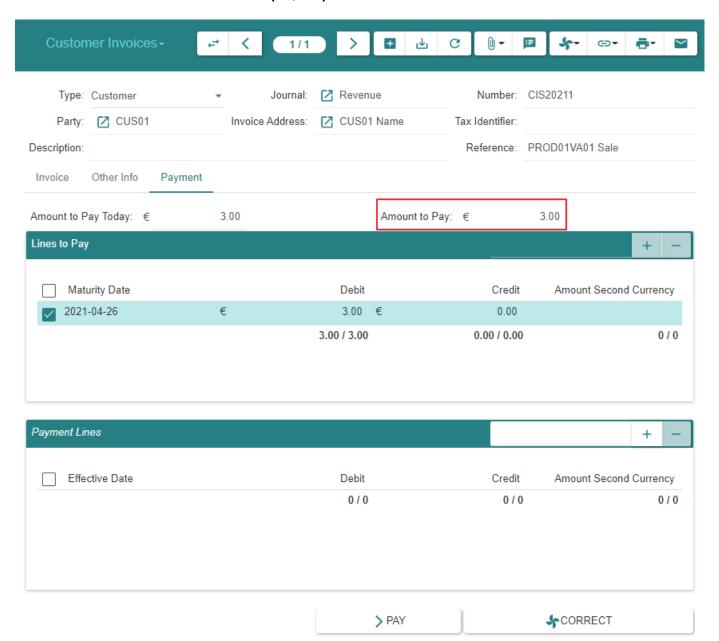
Customer Invoices From State « Validated » to State « Posted » Action

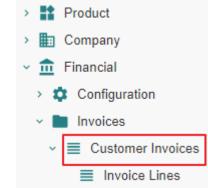
## Customer Invoices (1/2)





## Customer Invoices (2/2)





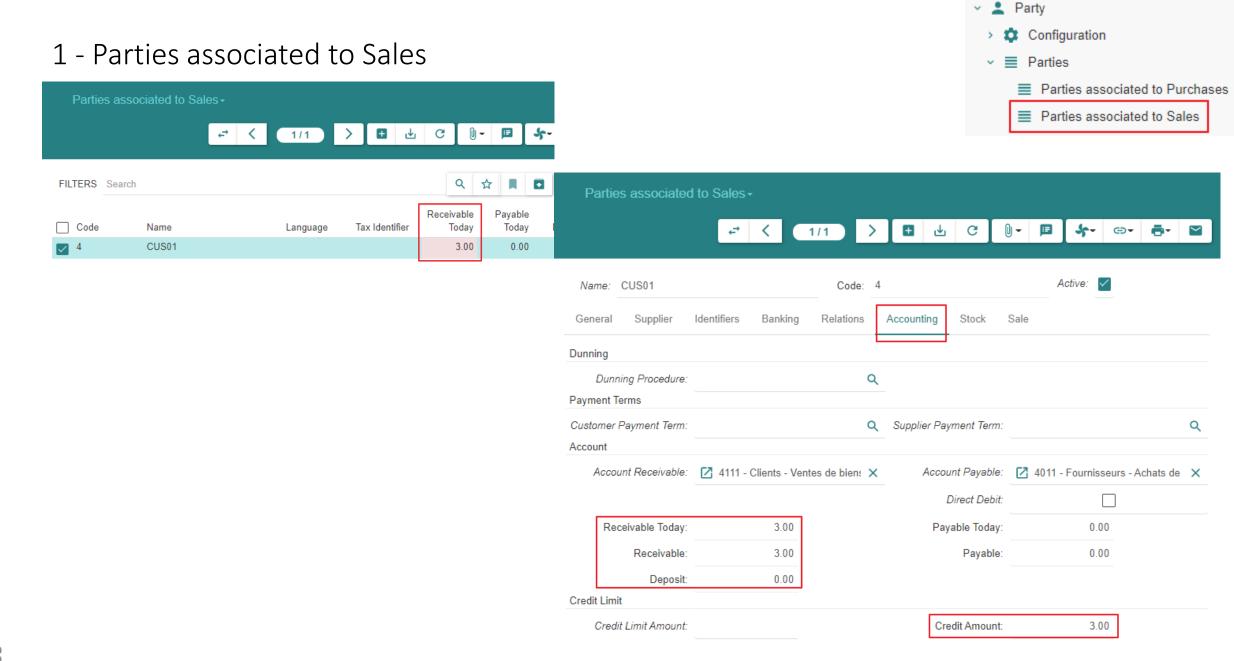
Customer Invoices From State « Validated » to State « Posted » Impact

# Customer Invoice - From « Validated » to « Posted »

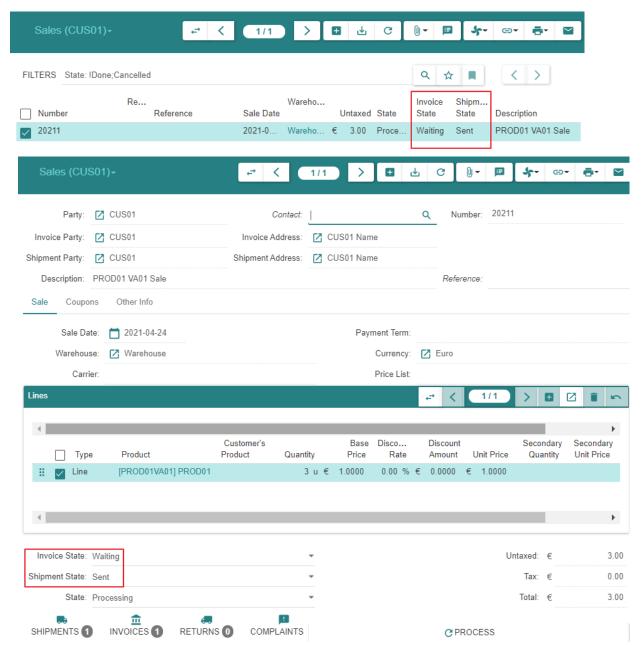
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Done	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [Storage to Output] ; Done [Output to Customer]	Updated [Storage to Output] ; Created [Output to Customer]
Invoice			
Invoices (Customer)	6	Posted	Updated
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

# Customer Invoice - From « Validated » to « Posted »

Accounting			
Journals - Periods	10	Posted [Account Move Lines]	Created [Account Move Lines : 4111 - 7011]
Account Moves	11	Posted [Account Move Lines]	Created [Account Move Lines : 4111 - 7011]
Open Journal	12	Posted [Account Move Lines]	Created [Account Move Lines: 4111 - 7011]; Journal « Revenue » for Q1
General Ledger	13		Updated [Accounts 4111 & 7011]
Balance Sheet	14		Updated [Accounts 4111]
Income Statement	15		Updated [Accounts 7011]
General Journal	16	Posted [Account Move Lines]	Created [Account Move Lines : 4111 - 7011]
Accounting			

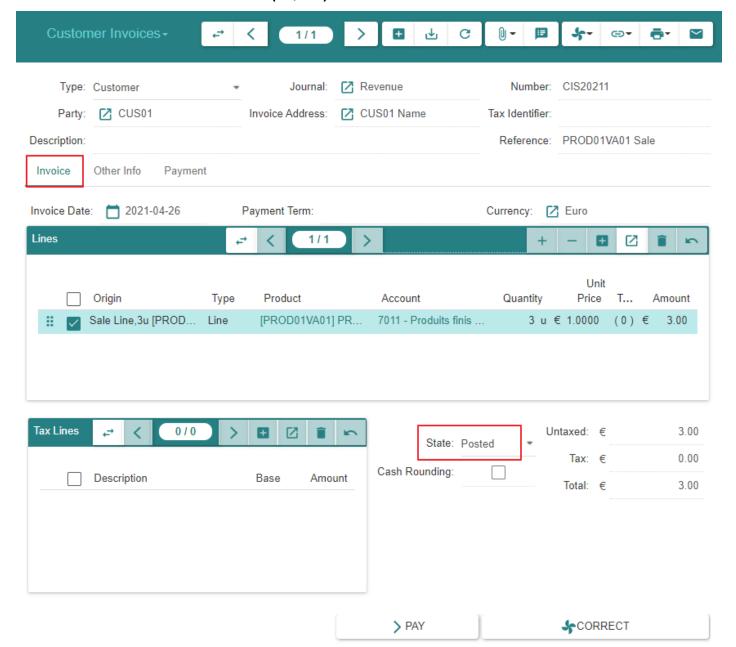


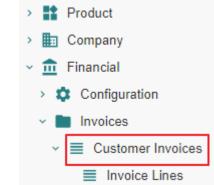
# 2 - Sales | Sales (CUSO1)



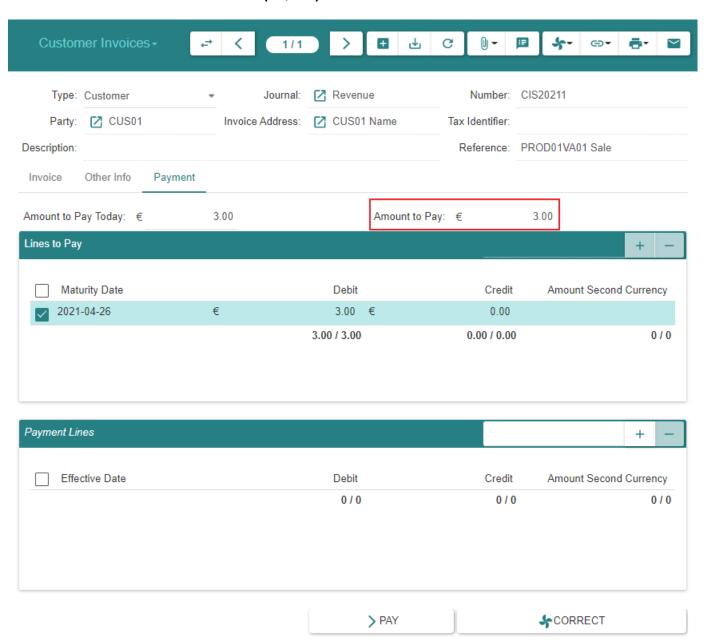
- > 💄 Party
- Product
- > **I** Company
- → m Financial
- > 📻 Carrier
- \$ Currency
- > **S** Banking
- > 📳 Inventory & Stock
- > Purchase
- Sales
- Configuration
  - Leads and Opportunities
  - Sales

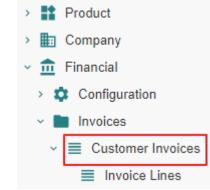
## Customer Invoices (1/2)



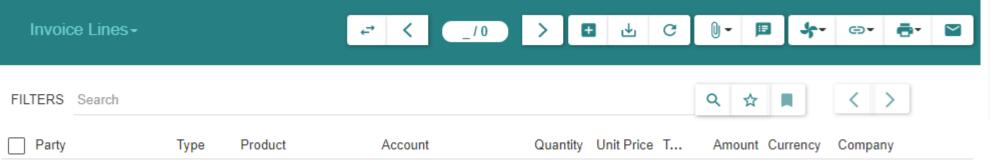


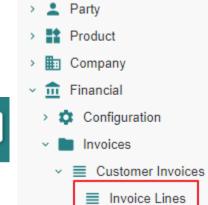
## Customer Invoices (2/2)



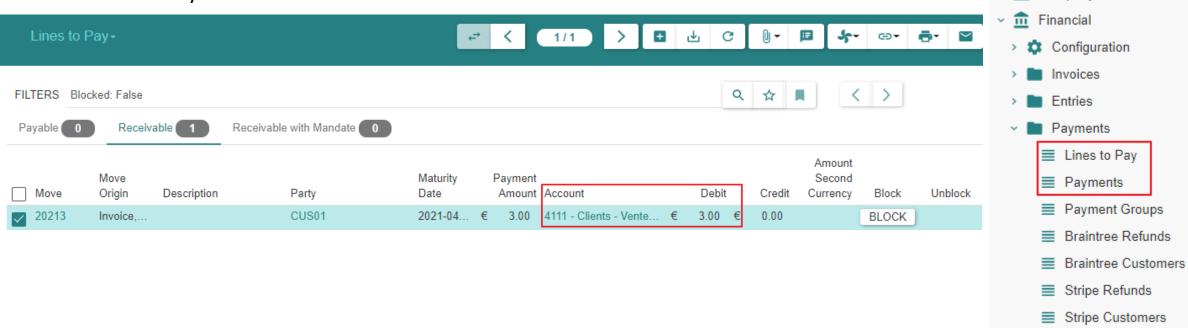


#### 7 - Invoice Lines





#### 8 - Lines to Pay



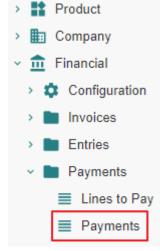
Party

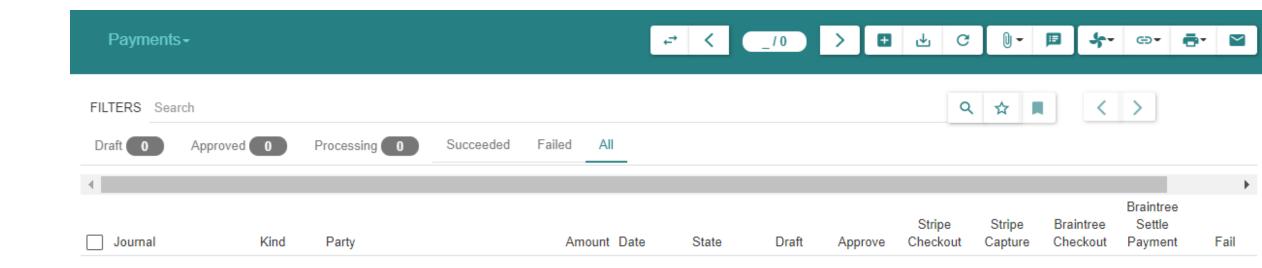
Product

Company

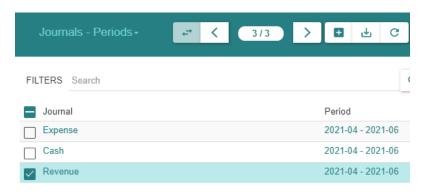
■ SEPA Messages

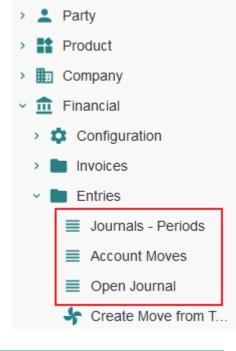
## 9 - Payments

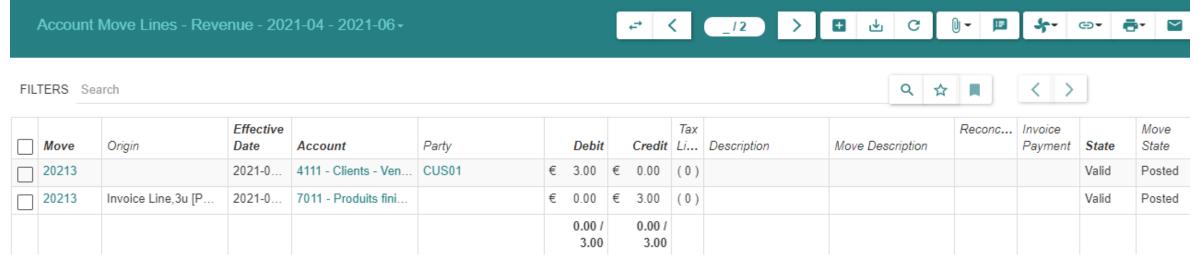




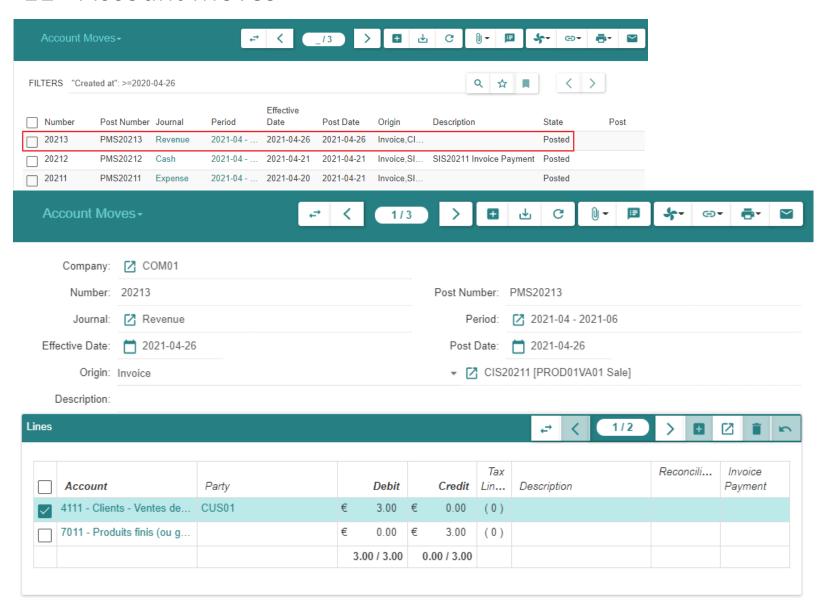
#### 10 - Journals - Periods







#### 11 - Account Moves



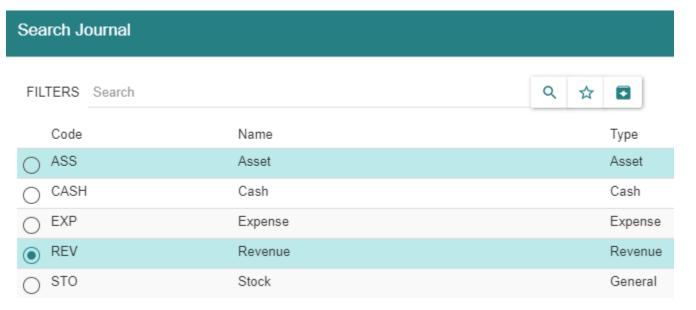
177

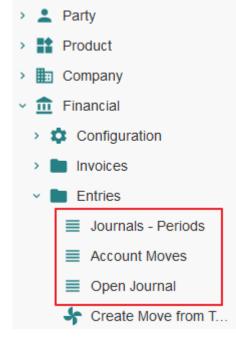
State: Posted

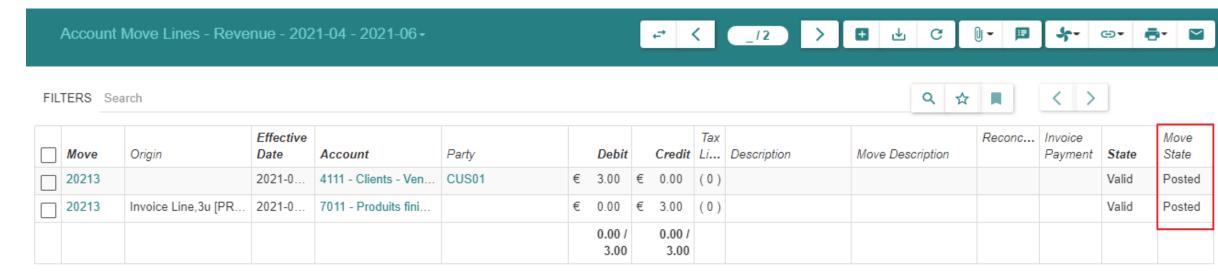
\*

Create Move from T...

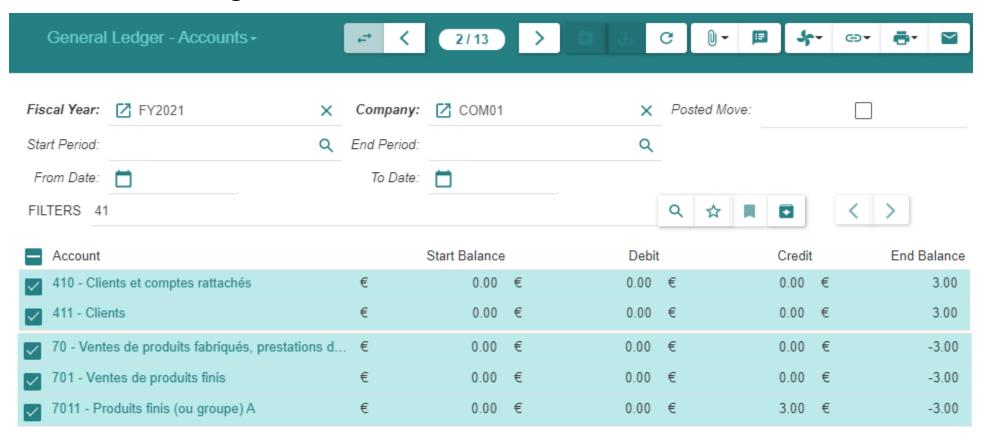
## 12 - Open Journal

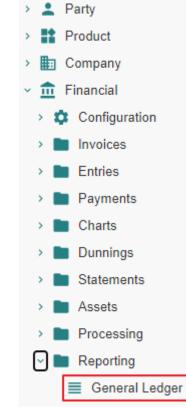




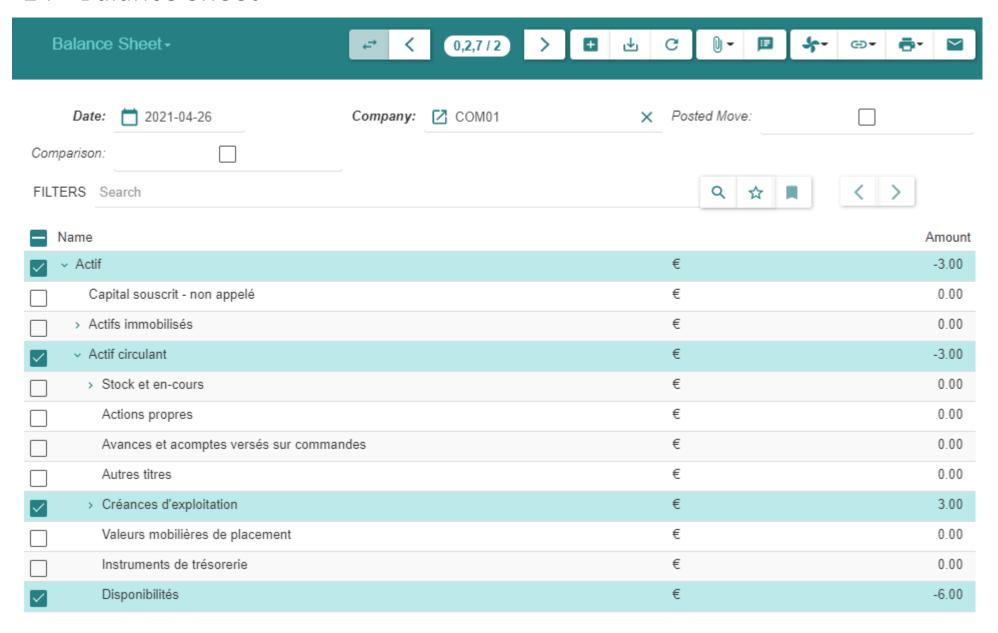


#### 13 - General Ledger



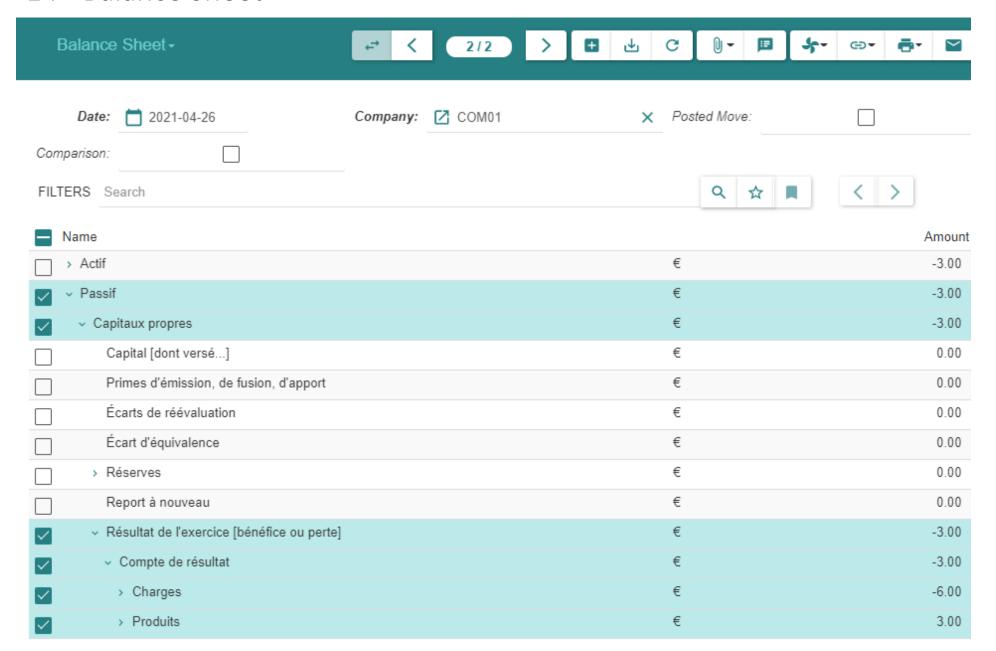


#### 14 - Balance Sheet



> 🙎 Party > Product > **E** Company √ m Financial > 🌣 Configuration Invoices Entries Payments Charts Dunnings Statements Assets Processing Reporting General Ledger ■ Balance Sheet Income Statement

#### 14 - Balance Sheet



> 🙎 Party > Product > En Company √ m Financial > 🏩 Configuration Invoices Entries Payments Charts Dunnings Statements Assets Processing Reporting General Ledger ■ Balance Sheet Income Statement

#### 16 - General Journal

Journal Entry: 20213	Date: 04/26/2021	Origin: CIS20211 [PROD01VA01 Sale]	Posted PMS20213 04/26/2021	
Account	Descr	iption	Debit	Credit
4111 Clients - Ventes de biens ou de prestations de services			€3.00	€0.00
7011 <u>Produits finis</u> (ou groupe) A			€0.00	€3.00

- financial > 🌣 Configuration Invoices Entries > Payments Charts > Dunnings > Statements > Assets Processing Reporting General Ledger ■ Balance Sheet Income Statement Aged Balance Journals Cash Journals - Periods Print General Journal
- Print General Journal

  From Date: 2021-01-01 To Date: 2021-04-21

  Company: COM01 X Posted Move:

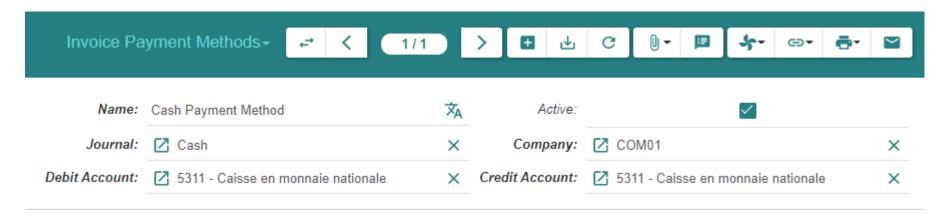


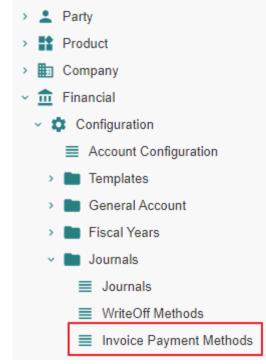
Customer Payment - State Changes - Actual States

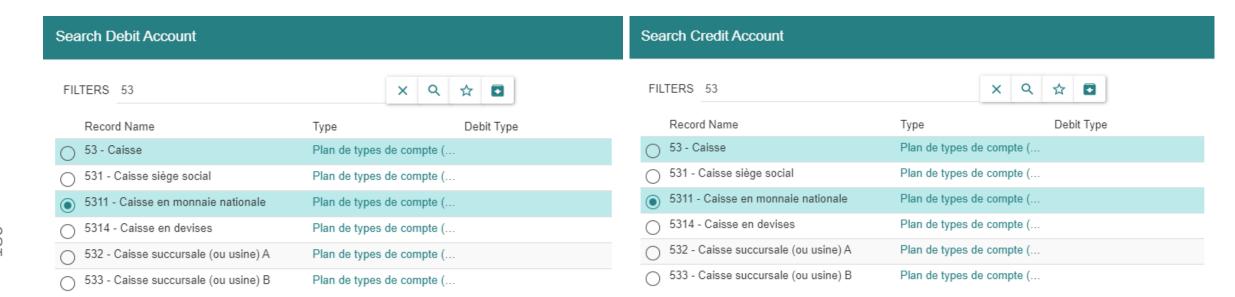
Payment

Payment Precondition

### Invoice Payment Method

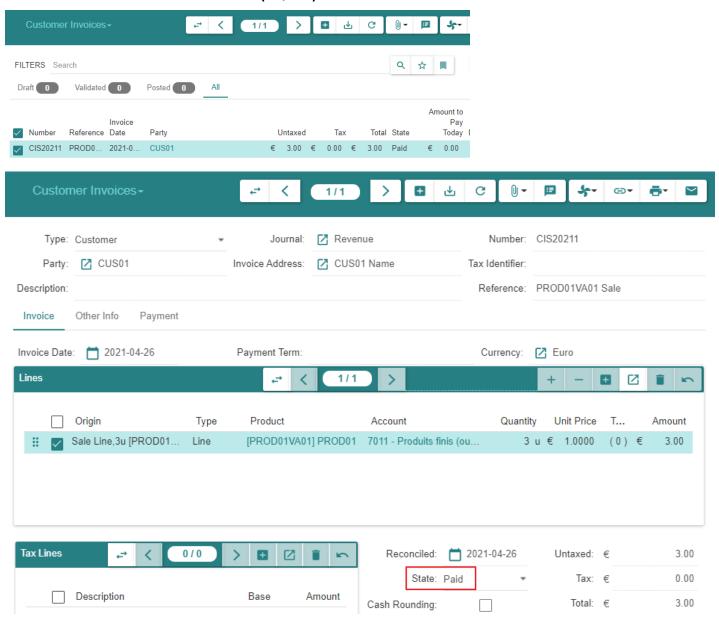


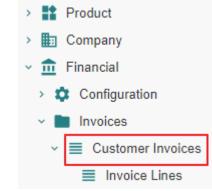




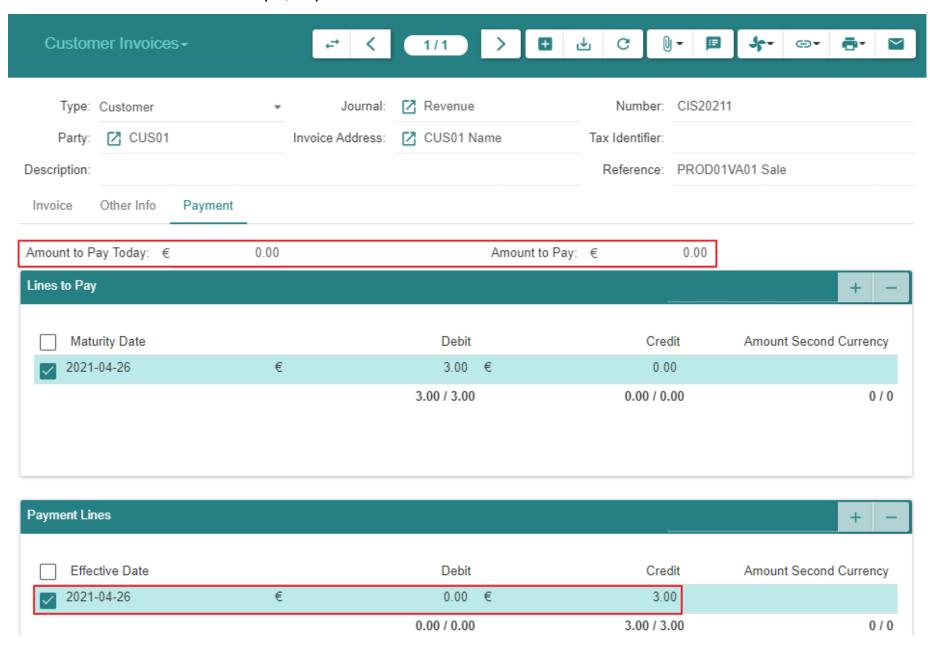
Payment Action

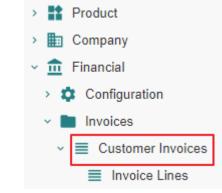
### Customer Invoices (1/2)





### Customer Invoices (2/2)





Payment Impact

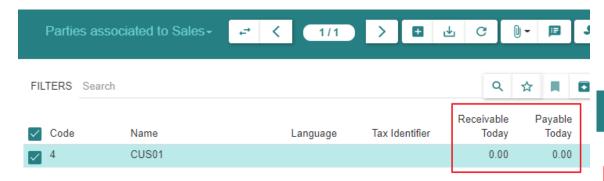
# Payment

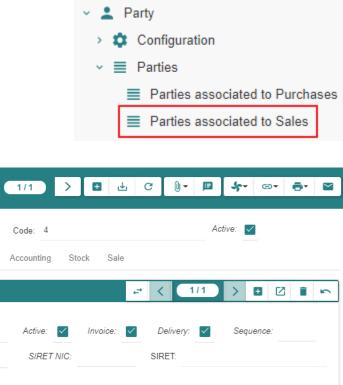
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Done	Updated
Shipment			
Customer Shipments (Customer)	3	Done	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [Storage to Output] ; Done [Output to Customer]	Updated [Storage to Output] ; Created [Output to Customer]
Invoice			
Invoices (Customer)	6	Paid	Updated
Invoice Lines	7		
Payment			
Lines to Pay	8		
Payments	9		

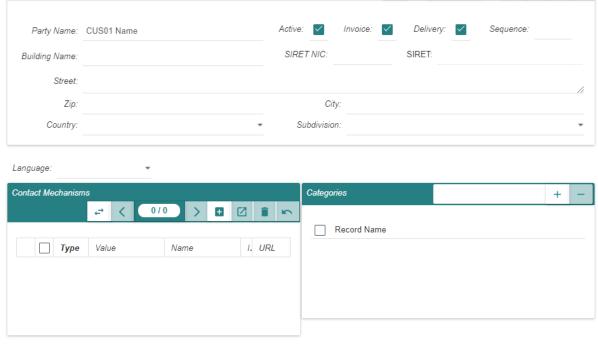
# Payment

Accounting			
Journals - Periods	10	Posted [Account Move Lines]	Created [Account Move Lines : 4111 - 7011]
Account Moves	11	Posted [Account Move Lines]	Created [Account Move Lines : 4111 - 7011]
Open Journal	12	Posted [Account Move Lines]	Created [Account Move Lines: 4111 - 7011]; Journal « Revenue » for Q1
General Ledger	13		Updated [Accounts 4111 & 7011]
Balance Sheet	14		Updated [Accounts 4111]
Income Statement	15		Updated [Accounts 7011]
General Journal	16	Posted [Account Move Lines]	Created [Account Move Lines : 4111 - 7011]
Accounting			

#### 1 - Parties associated to Sales







Name: CUS01

Supplier

Identifiers

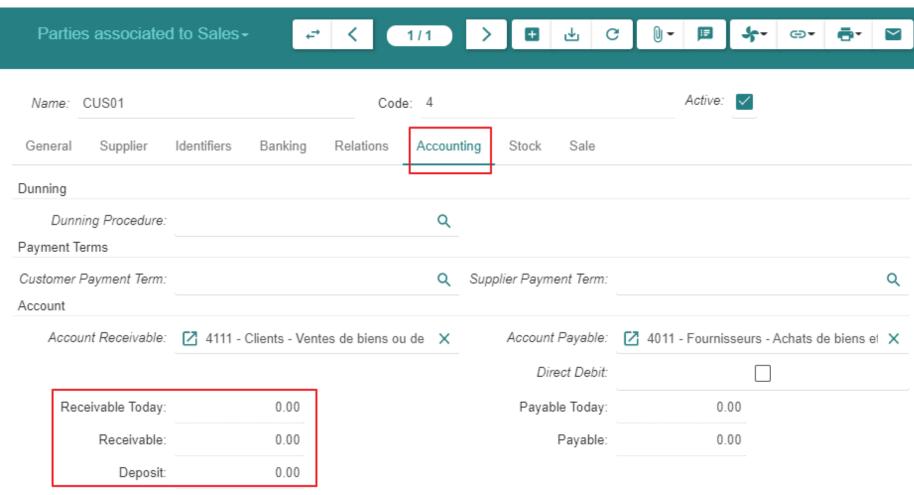
Banking

Relations

General

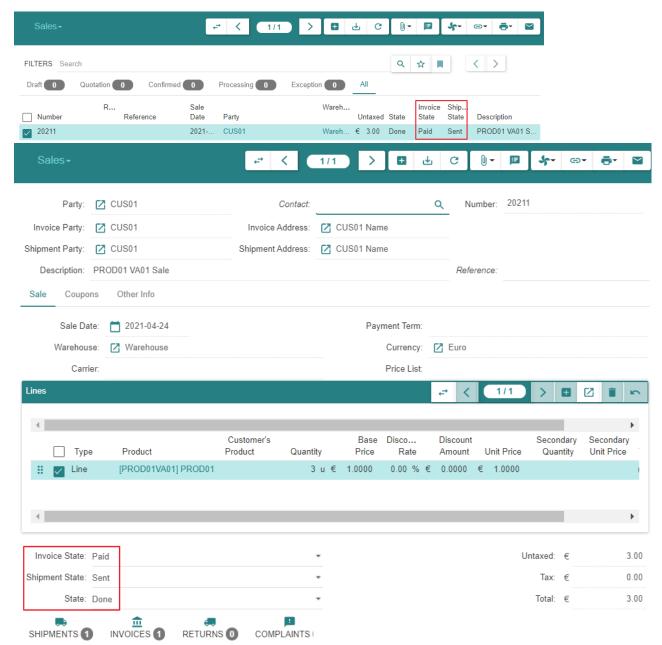
Addresses

#### 1 - Parties associated to Sales





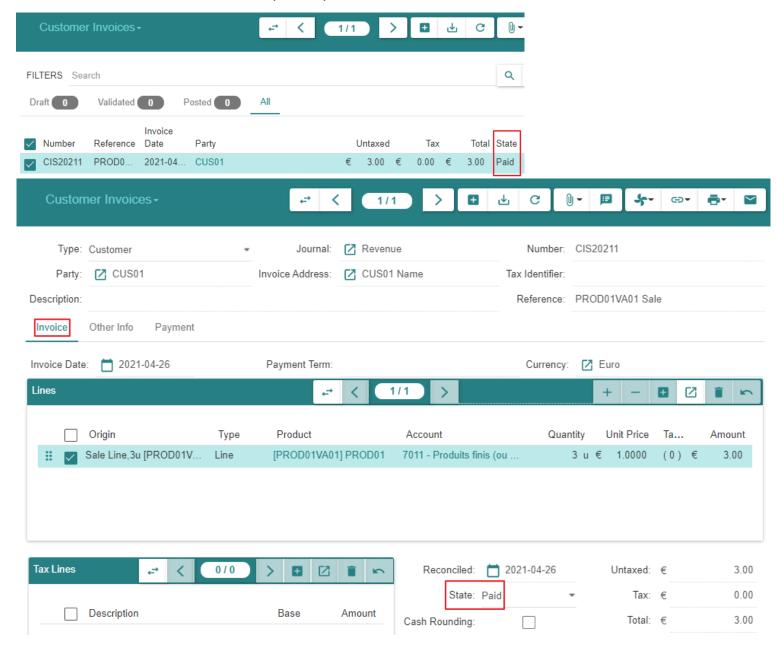
## 2 - Sales | Sales (CUSO1)

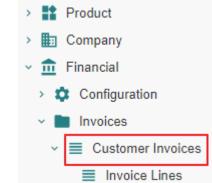


- Party
- Product
- > 🏥 Company
- → m Financial
- Carrier
- \$ Currency
- > **S** Banking
- > 📳 Inventory & Stock
- Purchase
- Sales
- Configuration
  - Leads and Opportunities

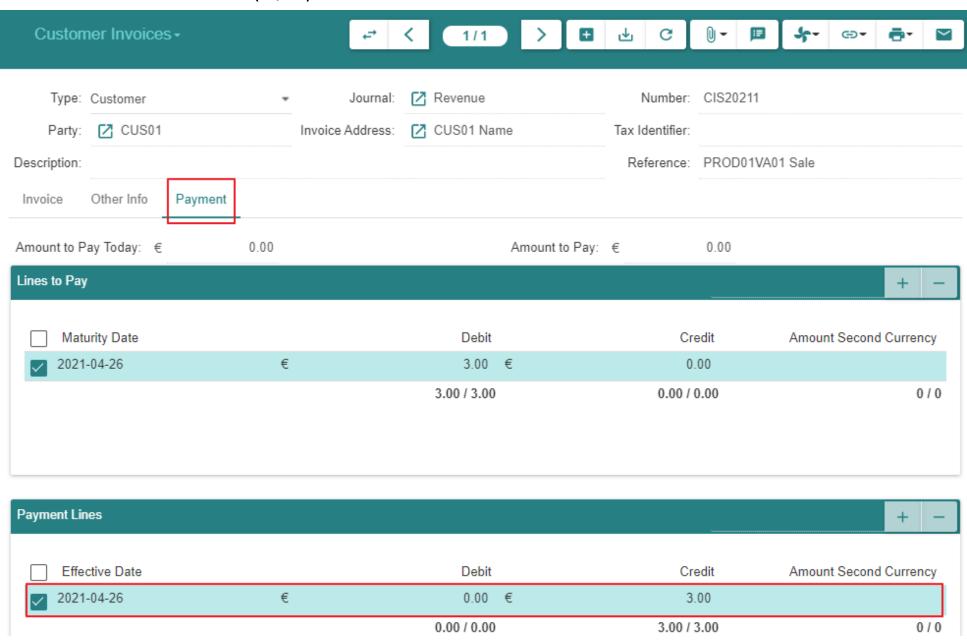
Sales

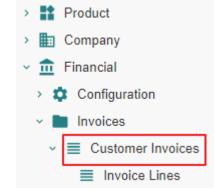
### Customer Invoices (1/2)



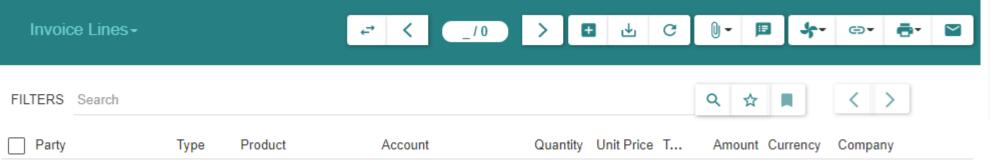


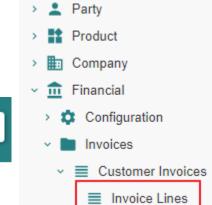
### Customer Invoices (2/2)



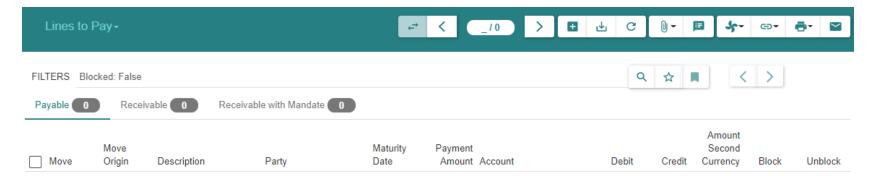


#### 7 - Invoice Lines





### 8 - Lines to Pay

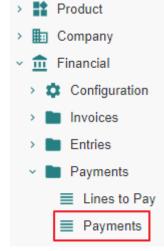


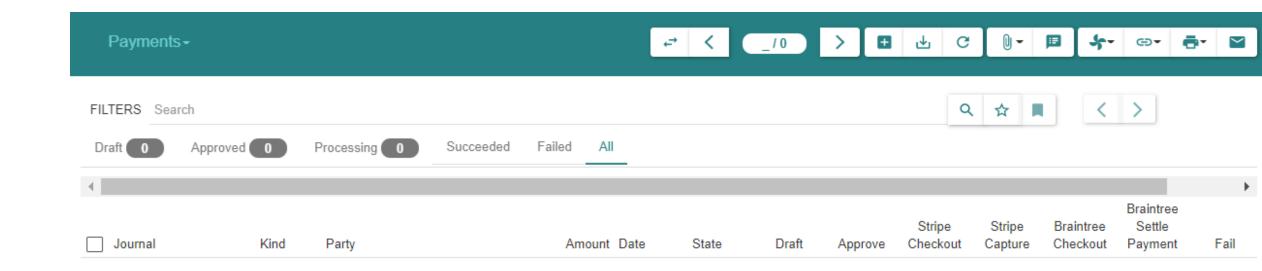
- Party
  Product
- > **I** Company
- Financial
  - Configuration
  - > Invoices
  - > Entries
  - → Payments



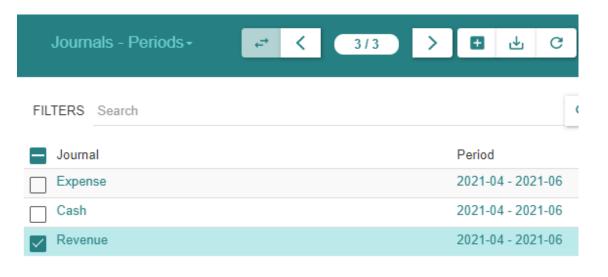
- Payment Groups
- Braintree Refunds
- Braintree Customers
- Stripe Refunds
- Stripe Customers
- SEPA Messages

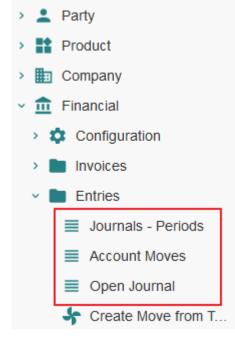
### 9 - Payments

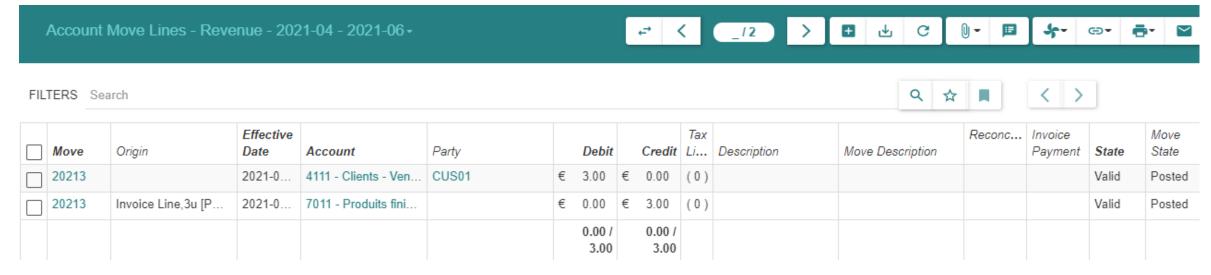




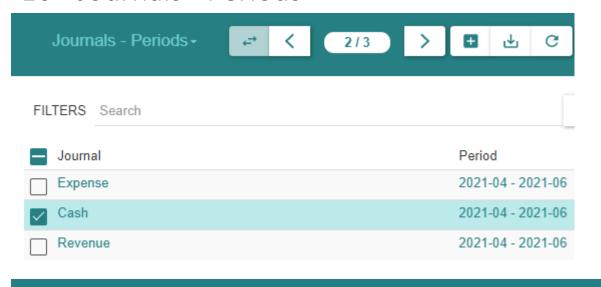
#### 10 - Journals - Periods

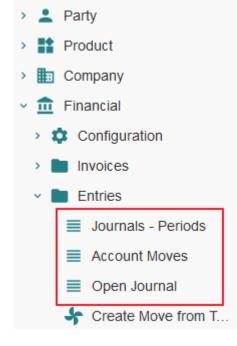


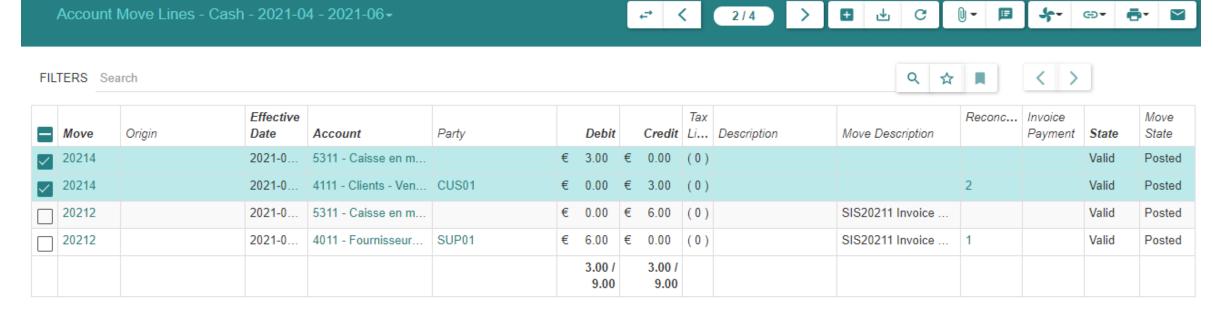




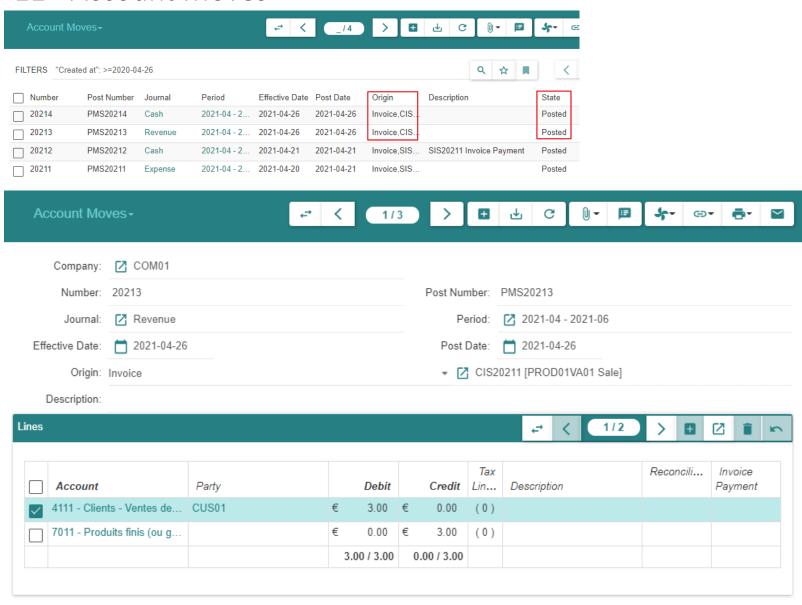
#### 10 - Journals - Periods







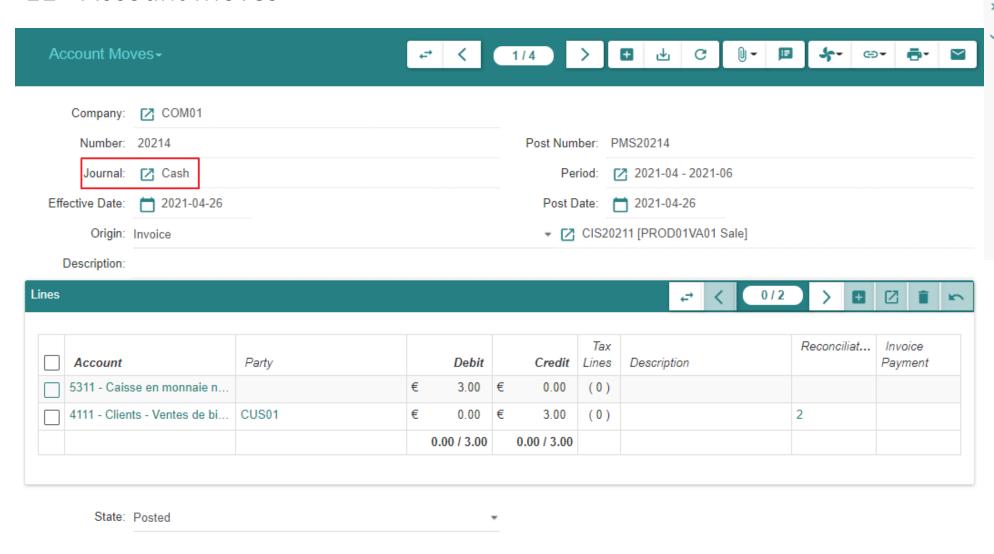
#### 11 - Account Moves



Party

State: Posted

#### 11 - Account Moves



Party

Product

Company

m Financial

> Invoices

Entries

Journals - Periods

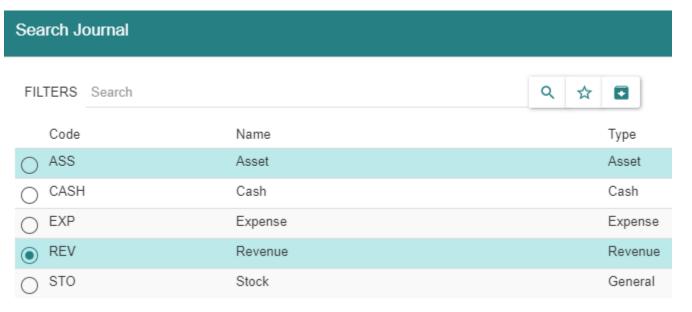
Create Move from T...

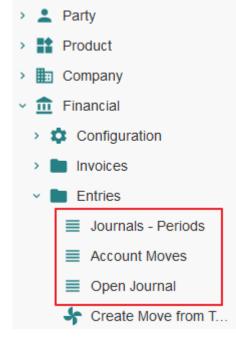
Account Moves

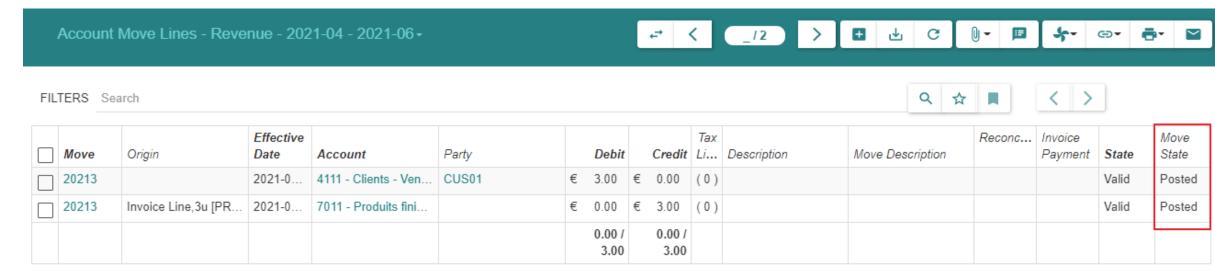
Open Journal

> 🌣 Configuration

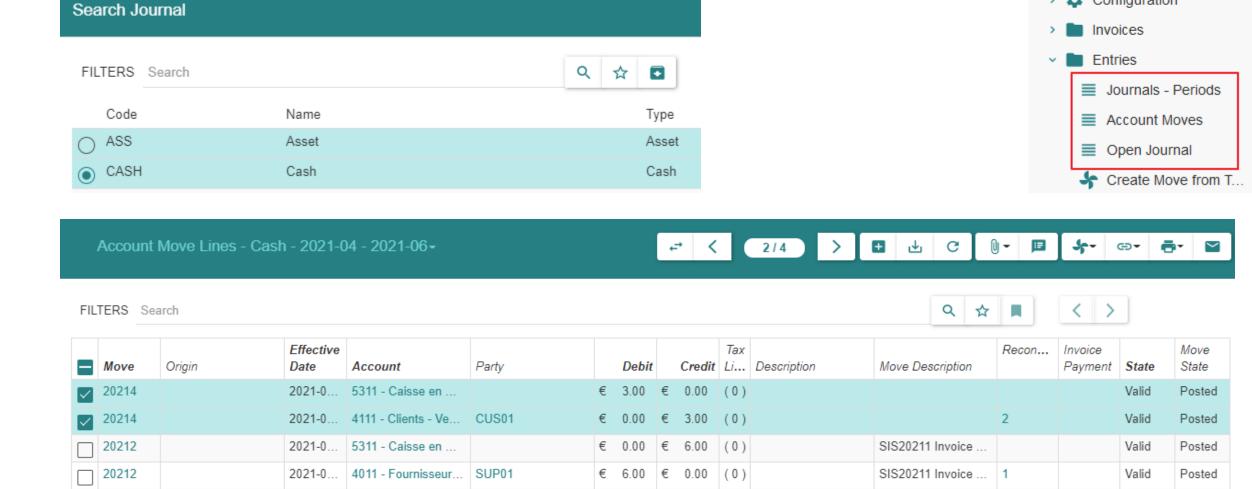
## 12 - Open Journal







### 12 - Open Journal



3.00 /

9.00

3.00 /

9.00

Party

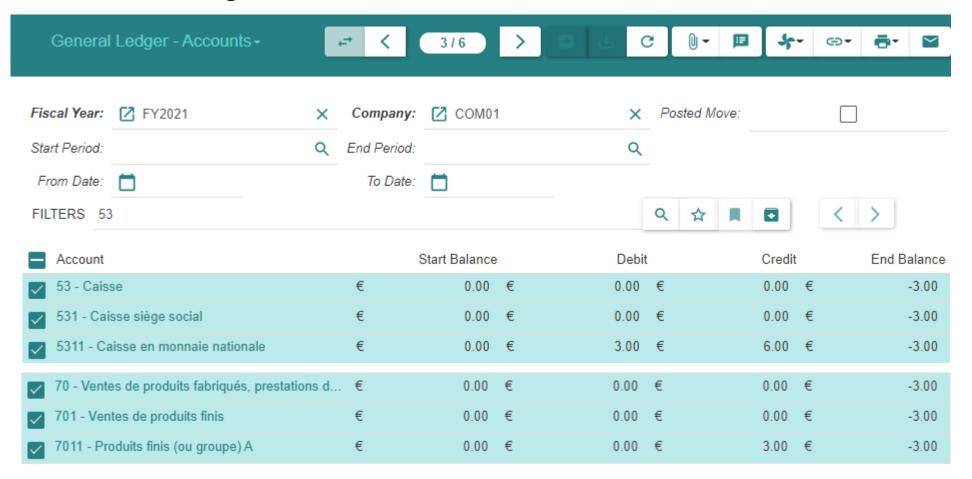
Product

Company

m Financial

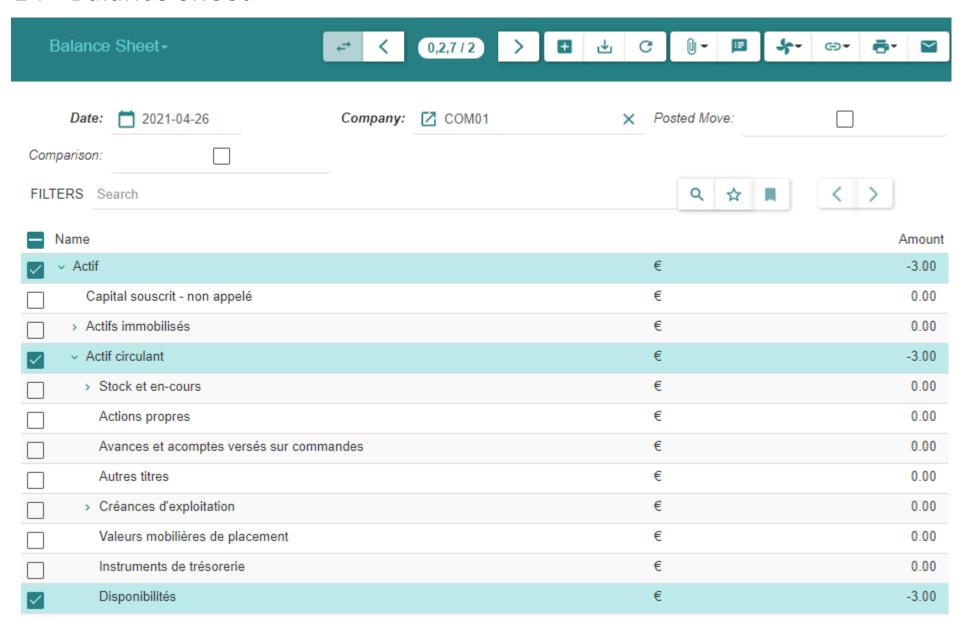
> 🌣 Configuration

### 13 - General Ledger



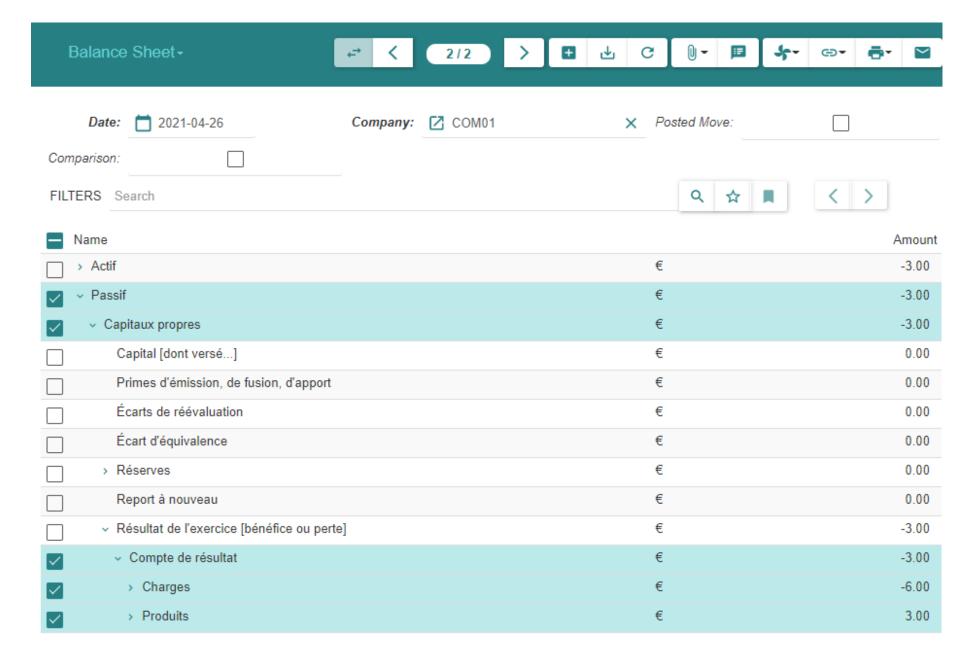


#### 14 - Balance Sheet



> 🙎 Party > Product > **E** Company √ m Financial > 🏩 Configuration Invoices Entries Payments Charts Dunnings Statements Assets Processing Reporting General Ledger ■ Balance Sheet Income Statement

#### 14 - Balance Sheet



- > 💄 Party
- > Product
- > Em Company
- √ m Financial
- > 🌣 Configuration
- > Invoices
- > Entries
- Payments
- > Charts
- > Dunnings
- > Statements
- Assets
- Processing
- Reporting



Income Statement

# 16 - General Journal

Journal Entry: 20213	Date: 04/26/2021	Origin: CIS20211 [PROD01VA01 Sale]	Posted PMS20213 04/26/2021	
Account	Description		Debit	Credit
4111 Clients - Ventes de biens ou de prestations de services			€3.00	€0.00
7011 <u>Produits finis</u> (ou groupe) A			€0.00	€3.00
Journal Entry: 20214	Date: 04/26/2021	Origin: CIS20211	Posted PMS20214 04/26/2021	
		[PROD01VA01 Sale]	04/26/	/2021
Account	Descr	[PROD01VA01 Sale] iption	04/26/ Debit	/2021 Credit
Account 5311 Caisse en monnaie nationale	Descr			

> En Company
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Reporting
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■ Balance Sheet
■ Income Statement
Aged Balance
Journals Cash
Journals - Periods
🖶 Print General Journal

Journal

To Date: 📋 2021-04-21 From Date: 📋 2021-01-01 Company: COM01 × Posted Move: