Tryton By Example

-

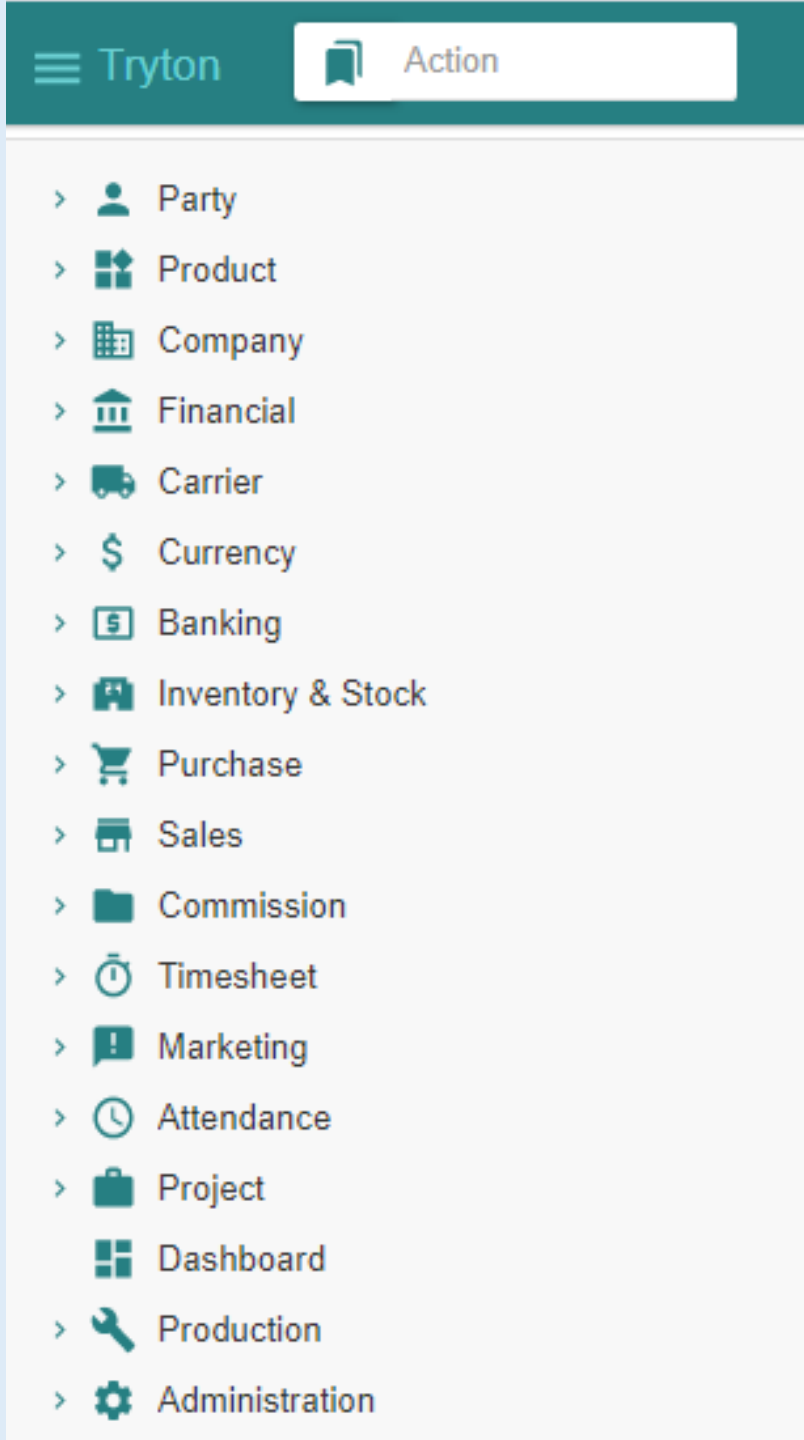
Tryton installation & usage
for first time administrators & users

-

Sale

Github - https://github.com/clixwise/tryton-by-example
Version of presentation : 5.0
Version of Tryton : 5.8
Verified for execution on : Windows 10 & Powershell 7
Licence : CC BY 4.0
Author : Marc Rottiers

Table of Contents

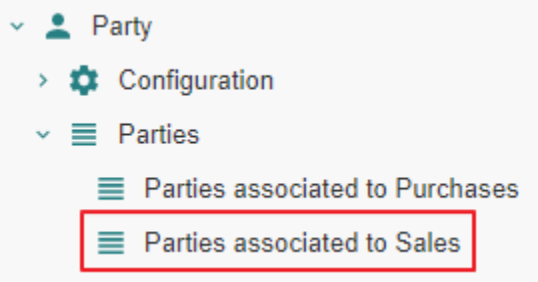


TOC

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

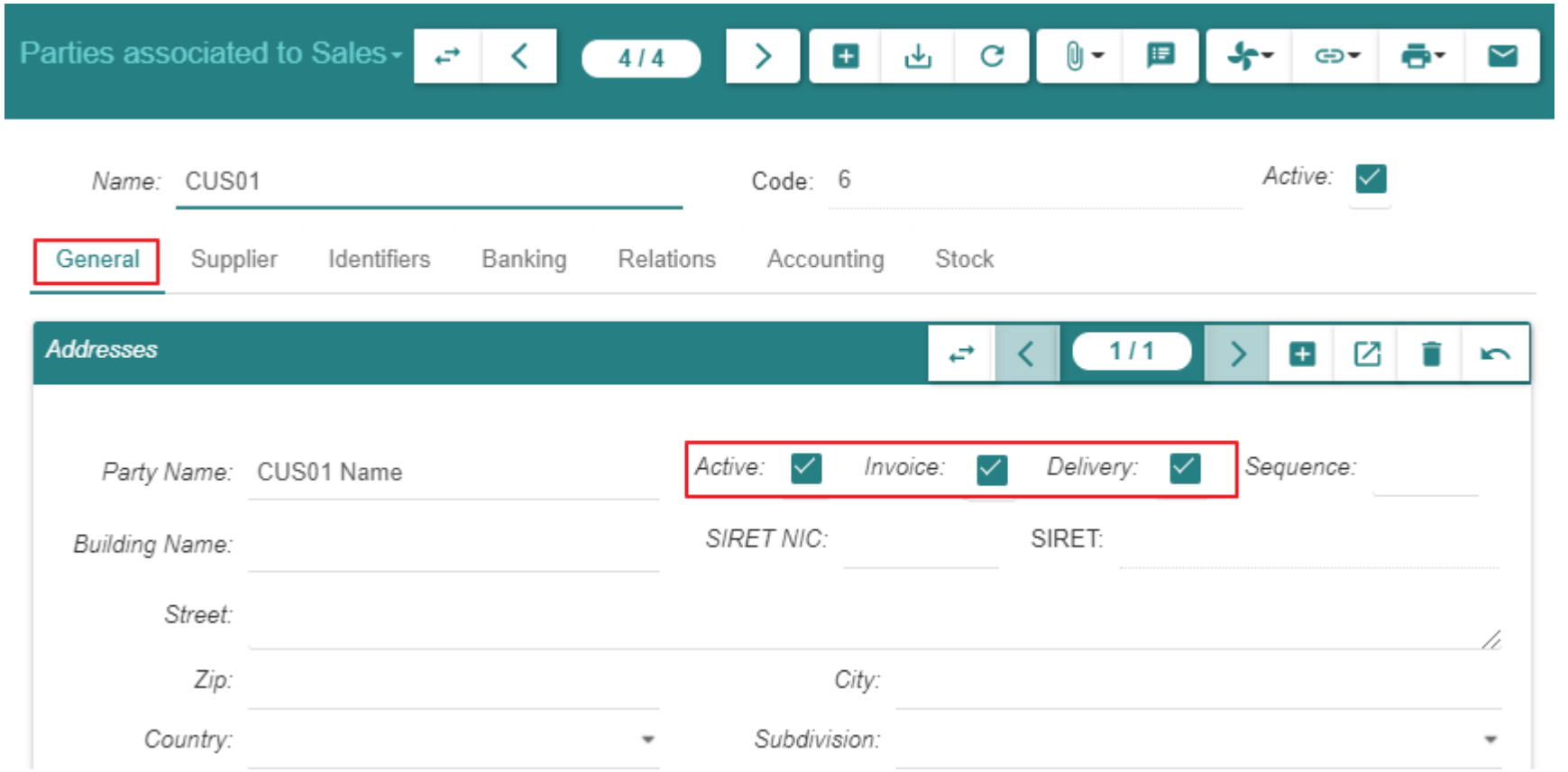


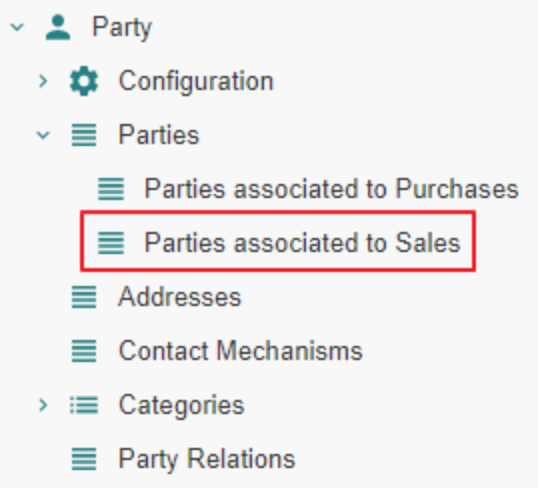
- Customers are named « Parties associated to Customers ». We name them hereafter « Customer » for commodity.

- 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 ».

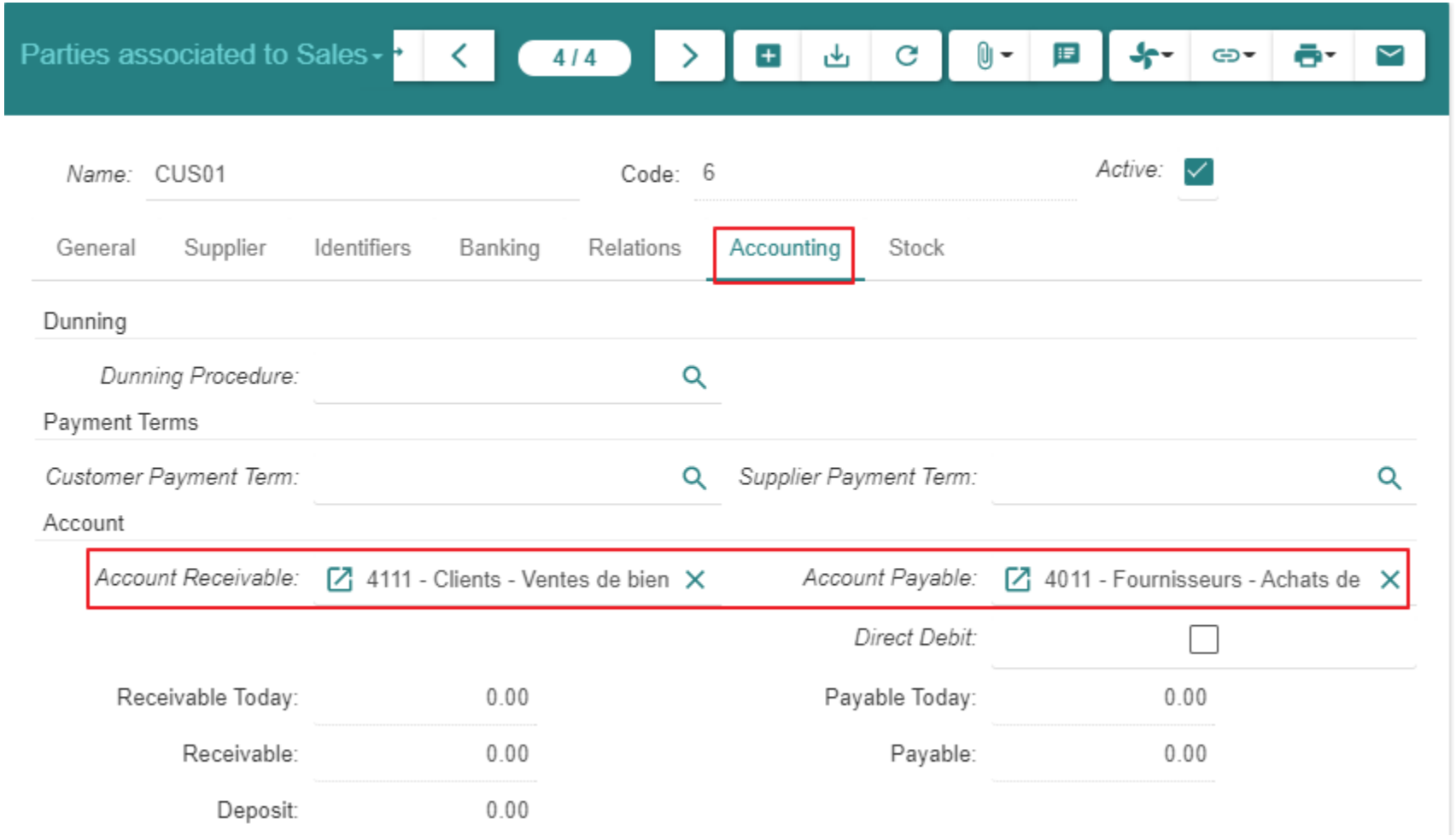
- Note finally that « Party » modules have been activated as explained in the previous document « Basic Functionalities ».

Create

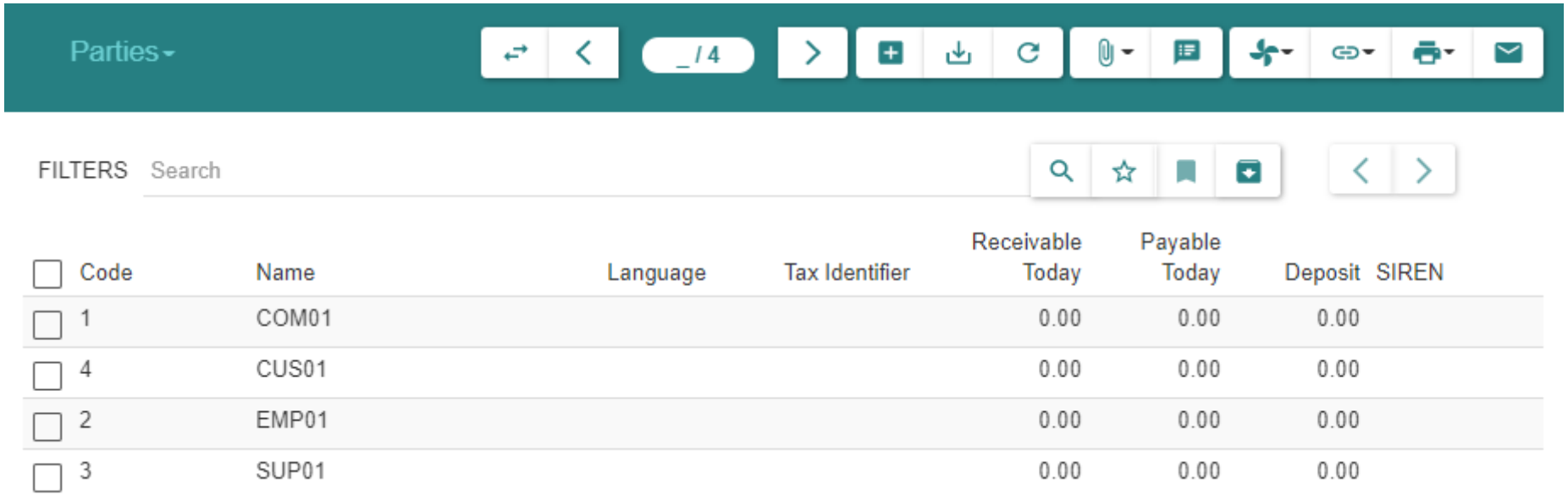

Parties associated to Sales
4 / 4
Name: CUS01
Code: 6
Active:
General
Supplier
Identifiers
Banking
Relations
Accounting
Stock
Addresses
1 / 1
Party Name: CUS01 Name
Active:
Invoice:
Delivery:
Sequence:
Building Name:
SIRET NIC:
SIRET:
Street:
Zip:
City:
Country:
Subdivision:

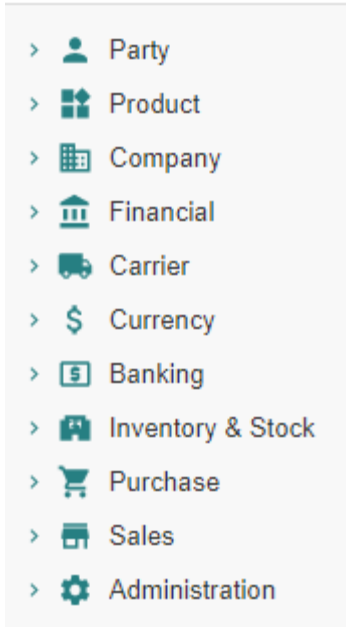

Party
Configuration
Parties
Parties associated to Purchases
Parties associated to Sales
Addresses
Contact Mechanisms
Categories
Party Relations

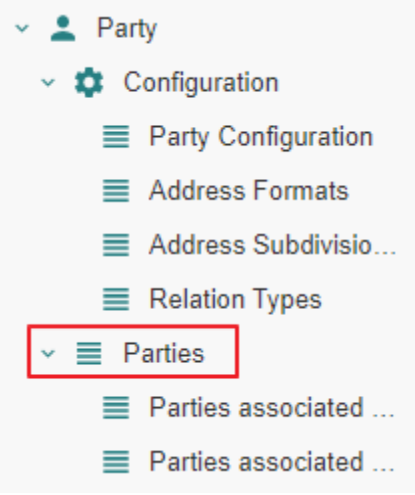
Create


Parties associated to Sales
4 / 4
Name: CUS01
Code: 6
Active:
General
Supplier
Identifiers
Banking
Relations
Accounting
Stock
Dunning
Dunning Procedure:
Payment Terms
Customer Payment Term:
Supplier Payment Term:
Account
Account Receivable: 4111 - Clients - Ventes de bien
Account Payable: 4011 - Fournisseurs - Achats de
Direct Debit:
Receivable Today: 0.00
Payable Today: 0.00
Receivable: 0.00
Payable: 0.00
Deposit: 0.00

Summary





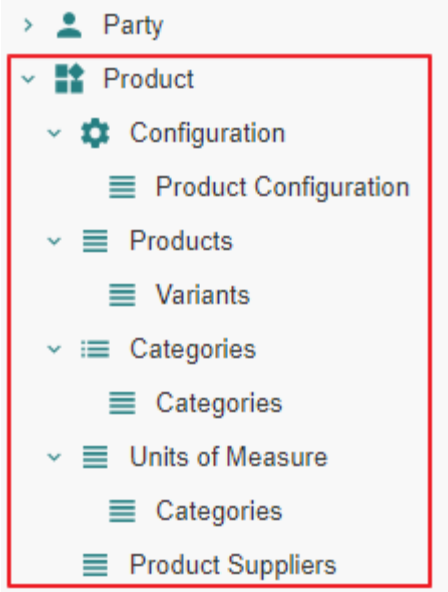


- As explained under « Motivation », the customer always appears in the list « Parties » above
- As long as there are no sales linked to the customer, it is absent from « Parties associated to Sales »
- When at least one sale exists, the customer will appear in both lists : « Parties » and « Parties associated to Sales »

Product

Motivation

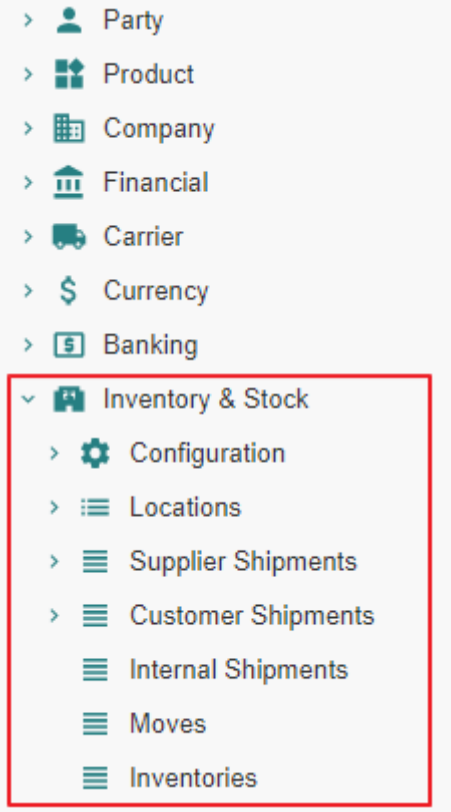
- Subject Area « Purchase » : « Product » related modules have been activated
- Subject Area « Purchase » : a « Product » and its « Variant » have been defined



Inventory & Stock

Motivation

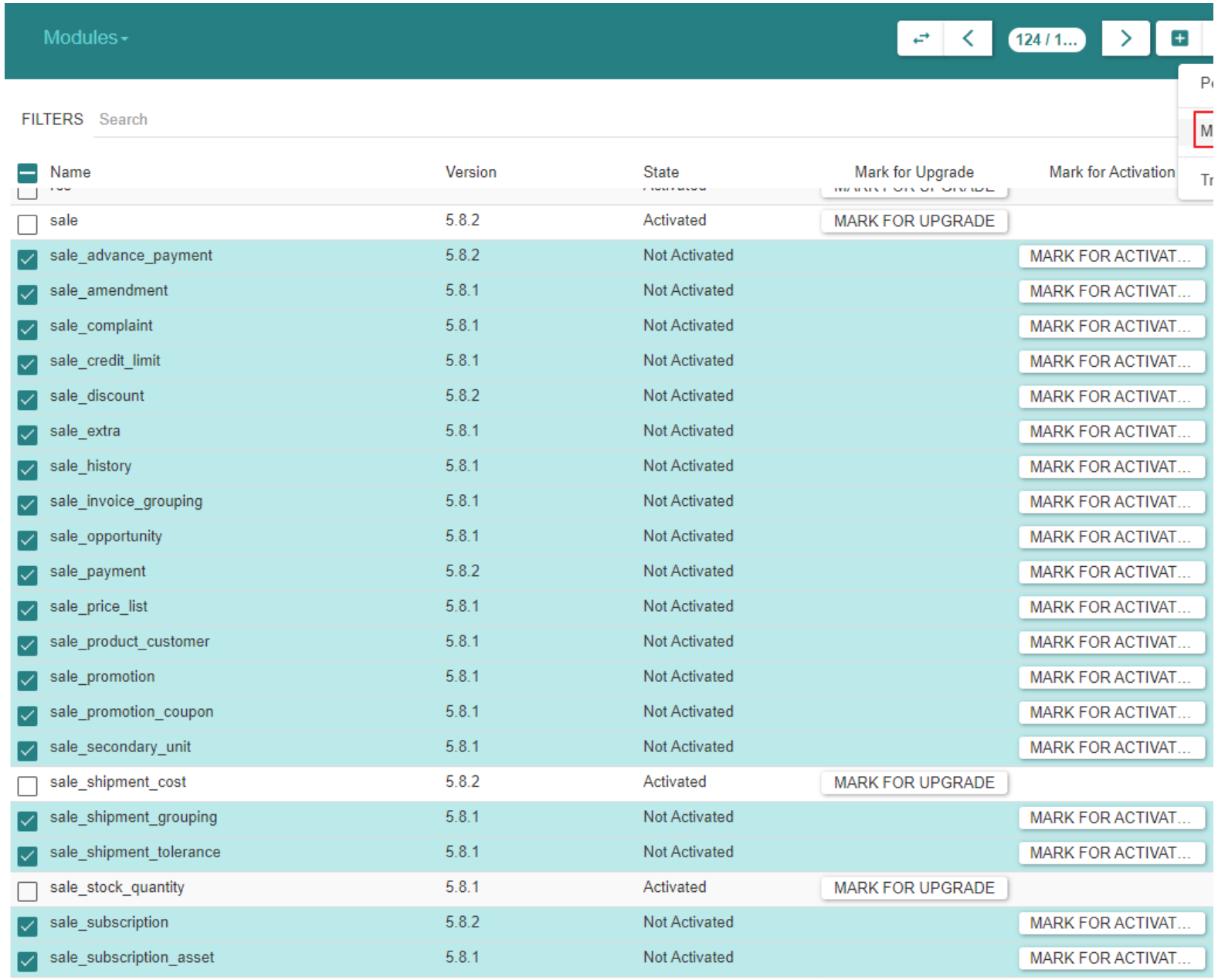
- Subject Area « Purchase » : « Inventory & Stock » related modules have been activated

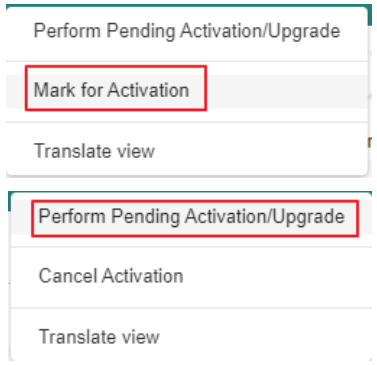


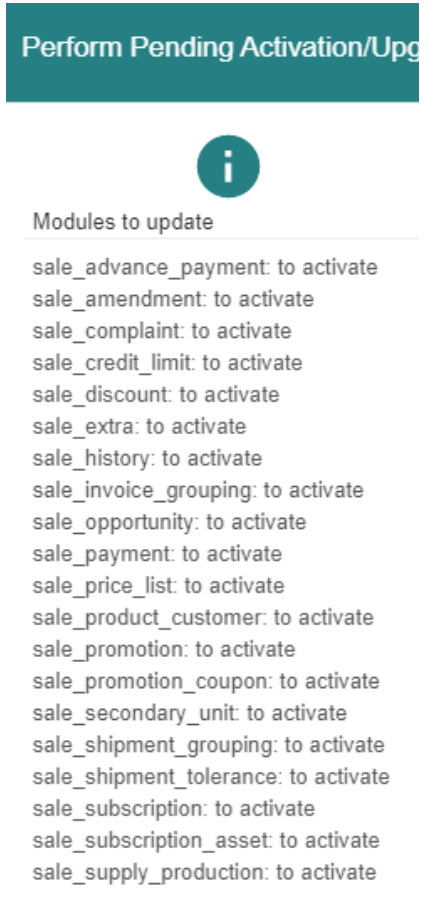
Sale

Module Activation

Module Activation







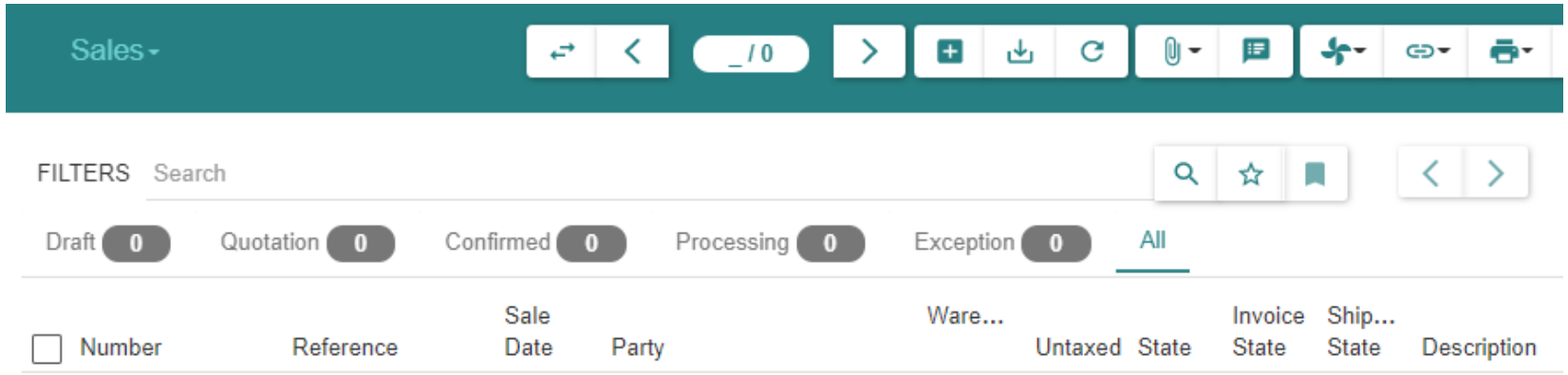
Module Activation

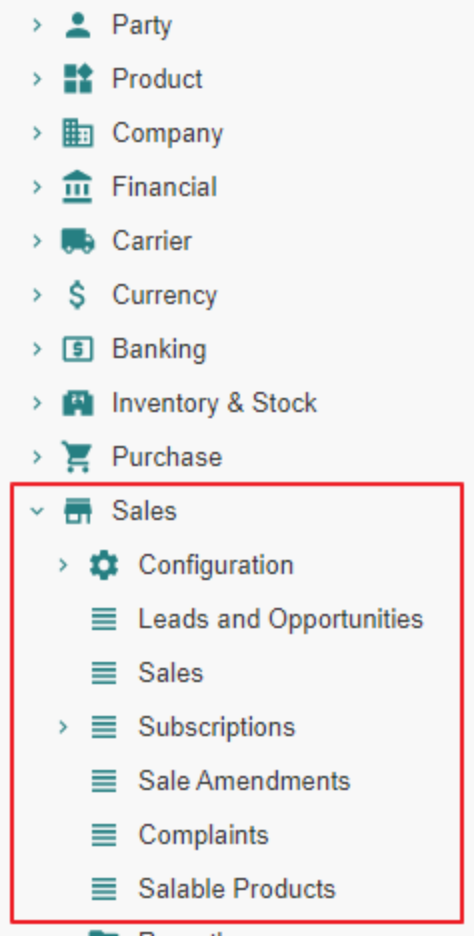
Modules

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

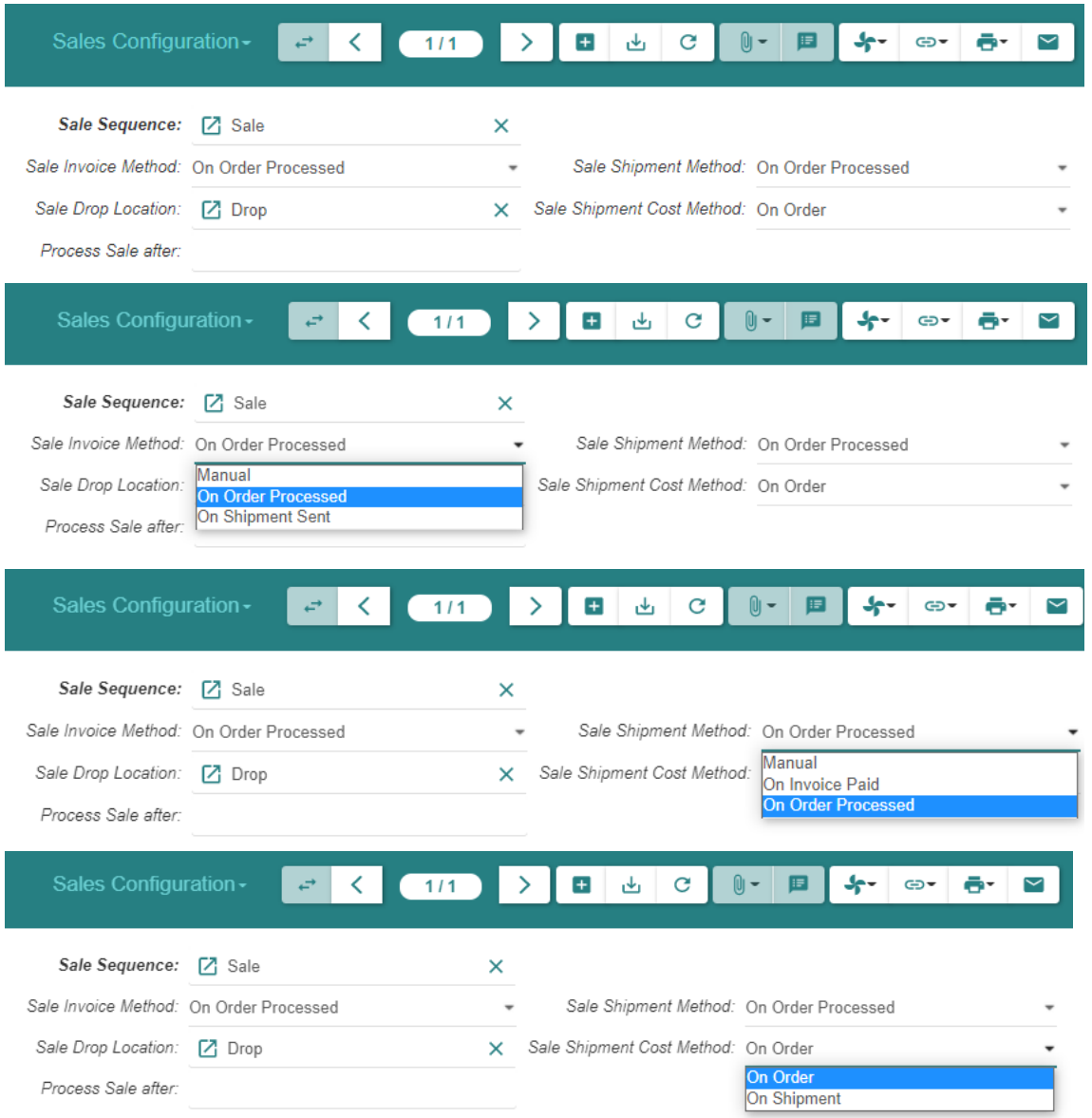
State « Post »

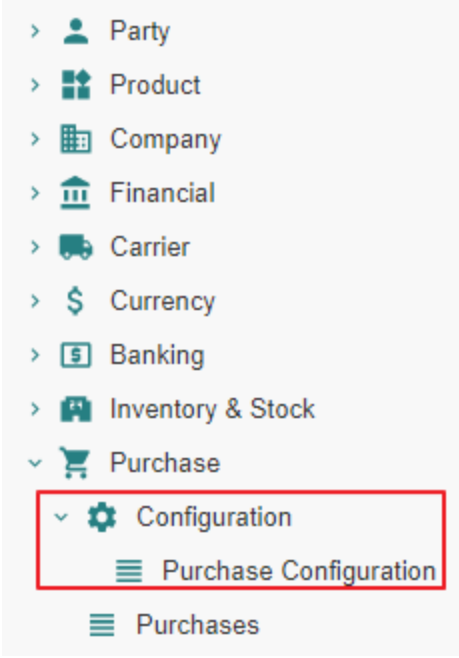

Sales
_ / 0
FILTERS
Search
Draft 0
Quotation 0
Confirmed 0
Processing 0
Exception 0
All
Number
Reference
Sale Date
Party
Ware...
Untaxed
State
Invoice State
Ship... State
Description


Party
Product
Company
Financial
Carrier
Currency
Banking
Inventory & Stock
Purchase
Sales
Configuration
Leads and Opportunities
Sales
Subscriptions
Sale Amendments
Complaints
Salable Products

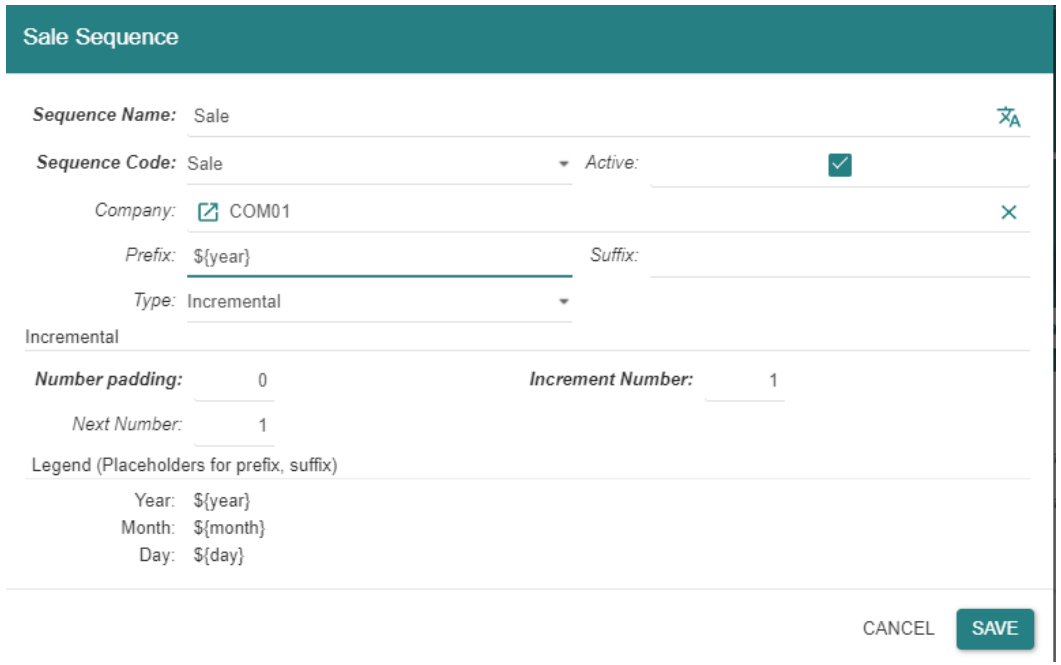
Sale Configuration

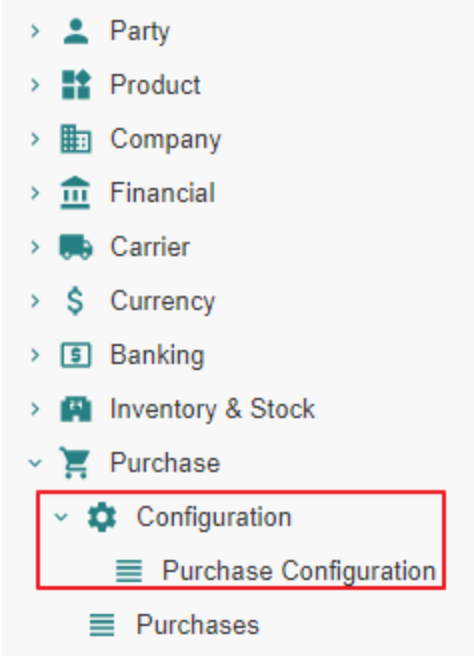
Sale Configuration (1/2)





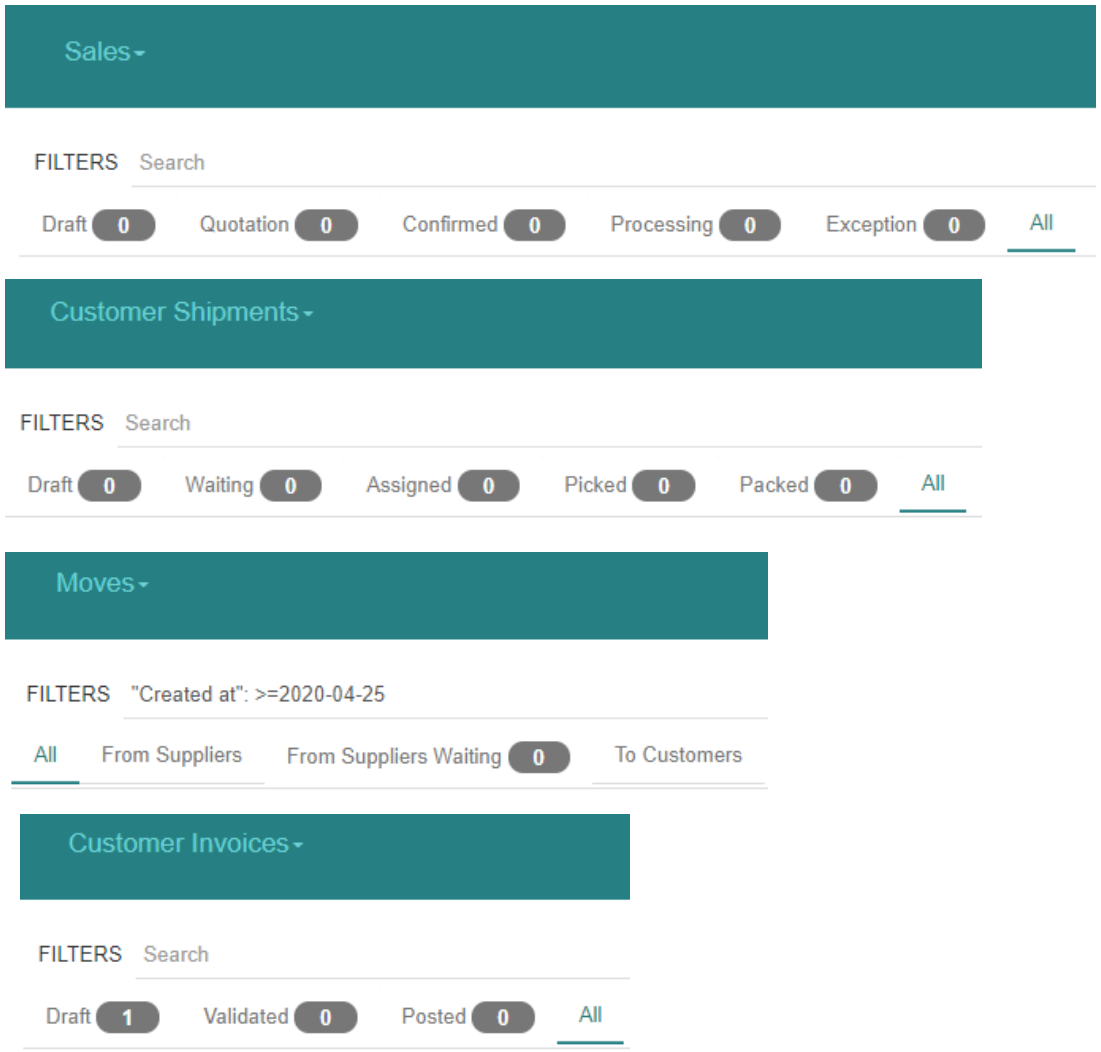
Sale Configuration (2/2)





Sale - State Changes - Impact Analysis Model

« Sales » related states



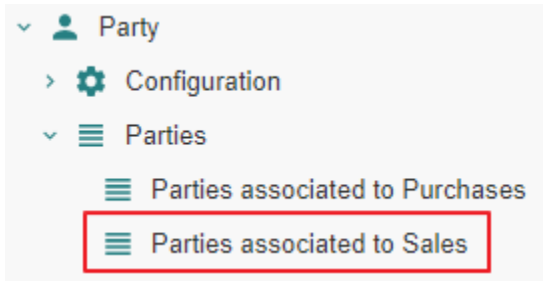
The basic State Diagram for « Sales »

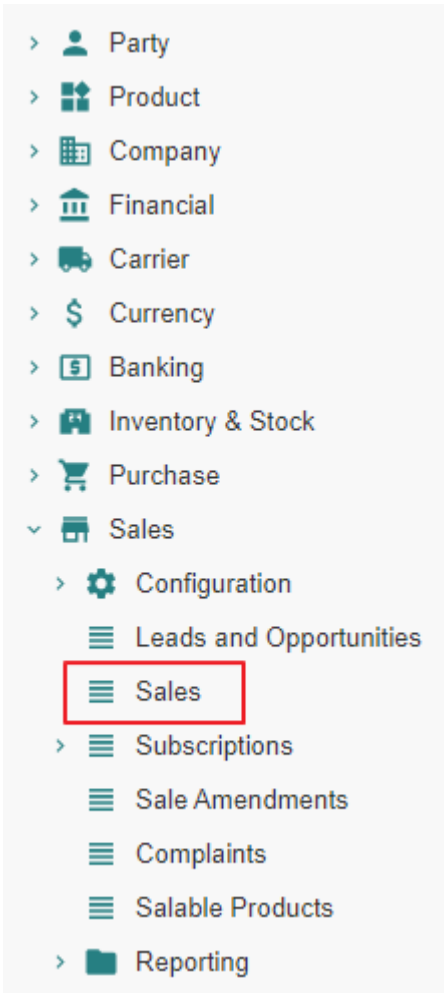
Sale - State & Link Diagram (Simplified)

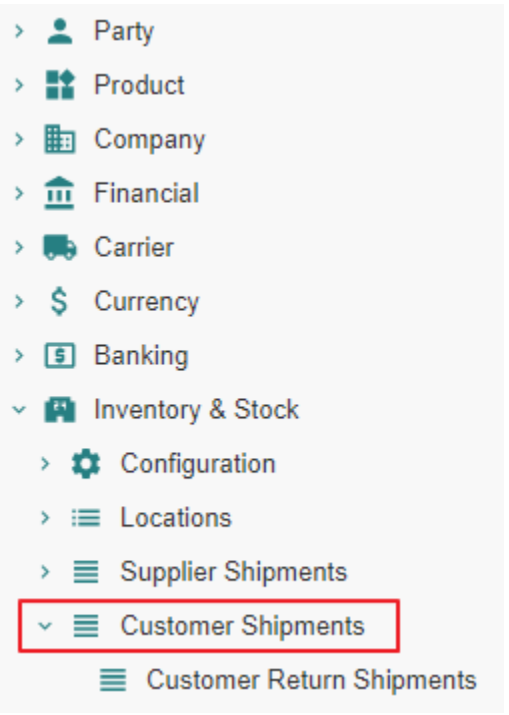
PARTY												
Sale	1											
Shipment				1				0				
Invoice				1							0	
SALE	**Draft**	**Quotation**	**Confirmed**	**Processing**							**Done**	Exception
Shipment	0			1								
Invoice	0			1								
Shipment	None			Waiting				Sent				
Invoice	None			Waiting							Paid	
SHIPMENT				**Waiting**	**Assigned**	**Picked**	**Packed**	**Done**				
INVOICE				**Draft**					**Validated**	**Posted**	**Paid**	
In bold : The path along which user actions occur												

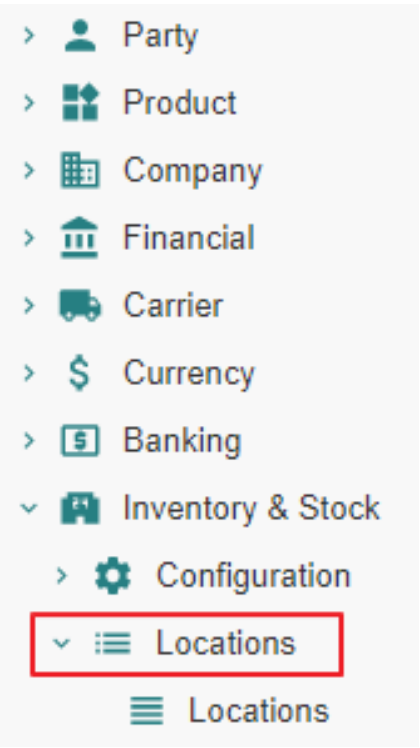
The diagram does not display the action that triggers the state transition

Impact analysis

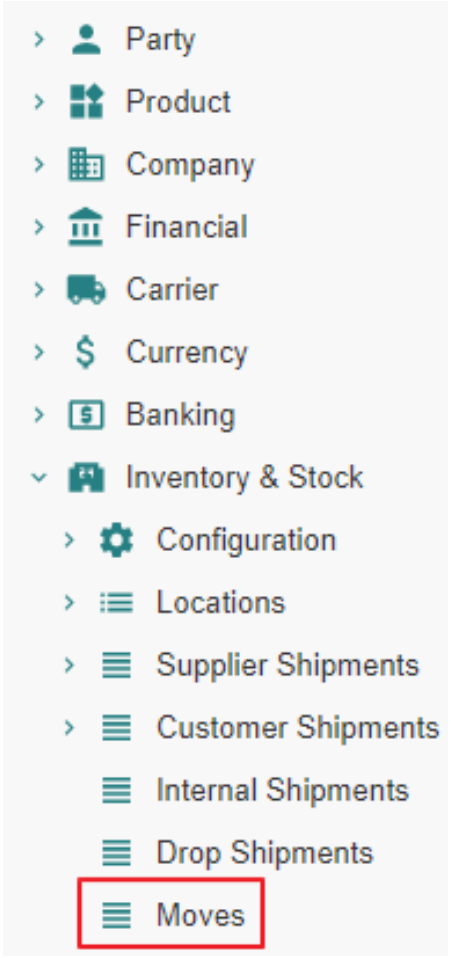


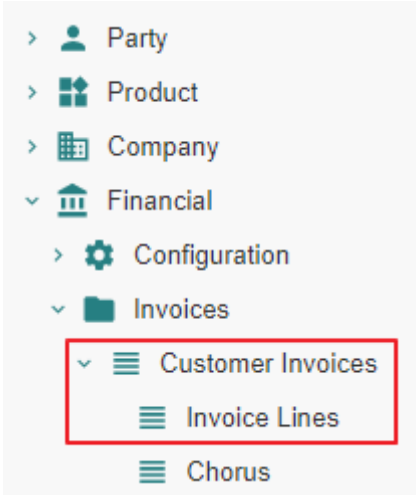


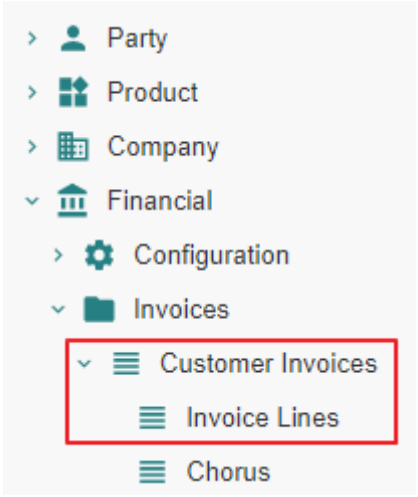




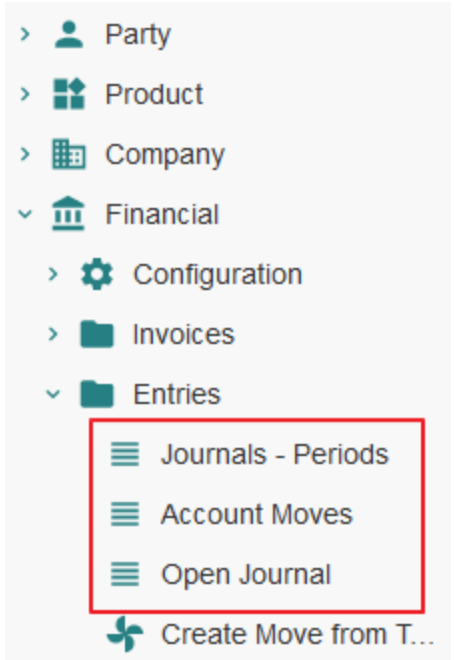
Impact analysis

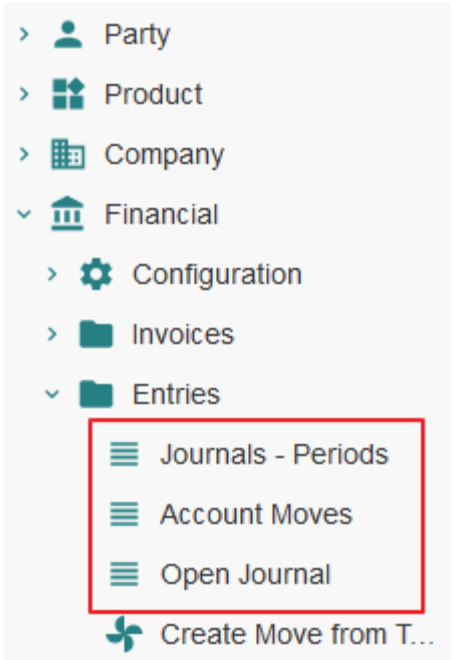


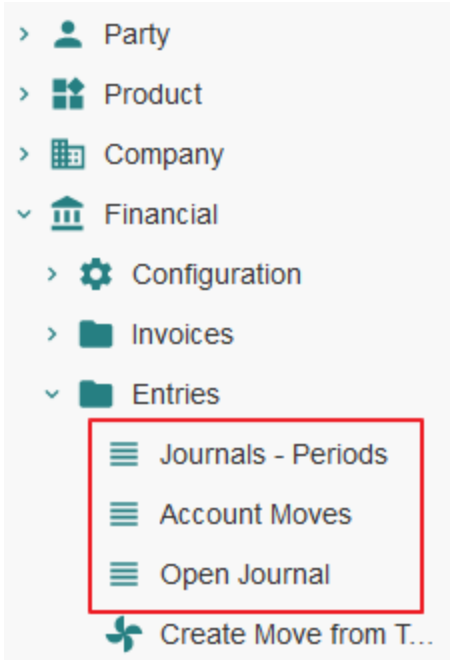




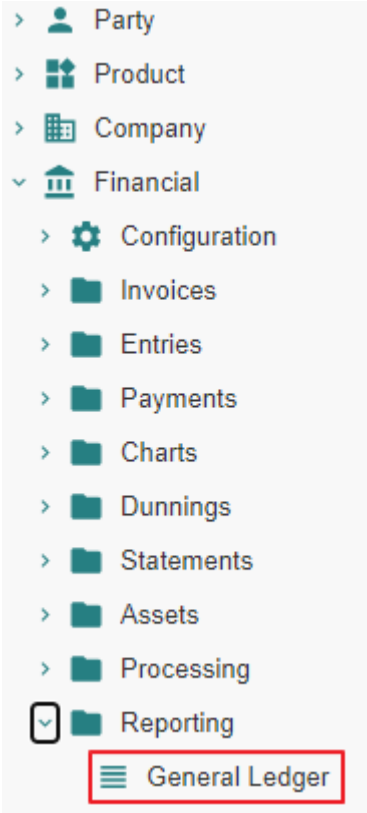
Impact analysis

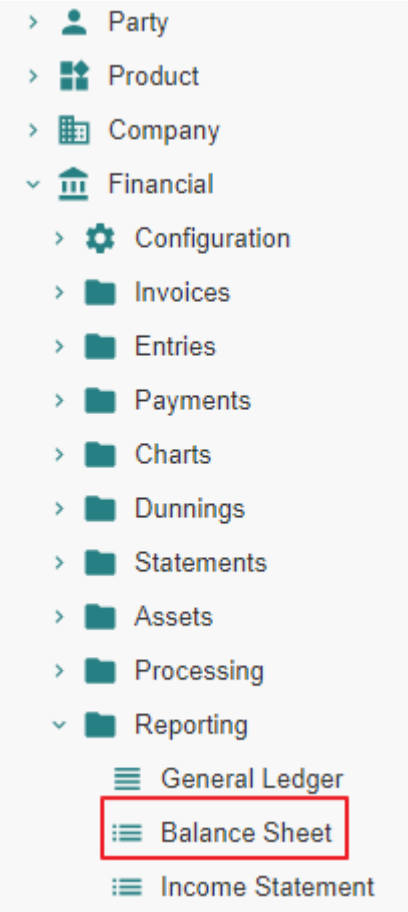


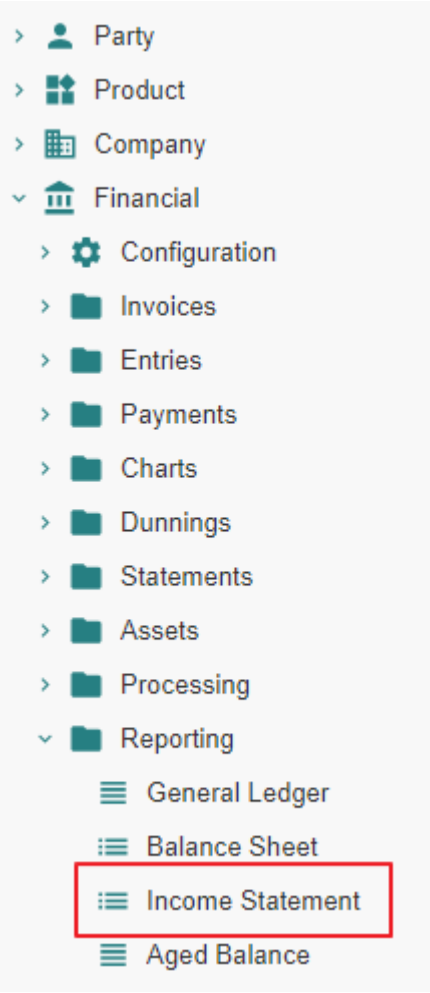


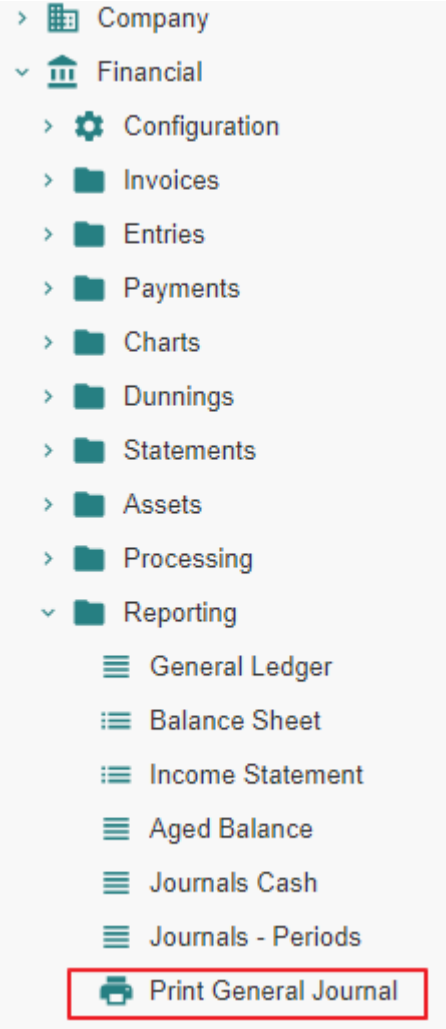


Impact analysis







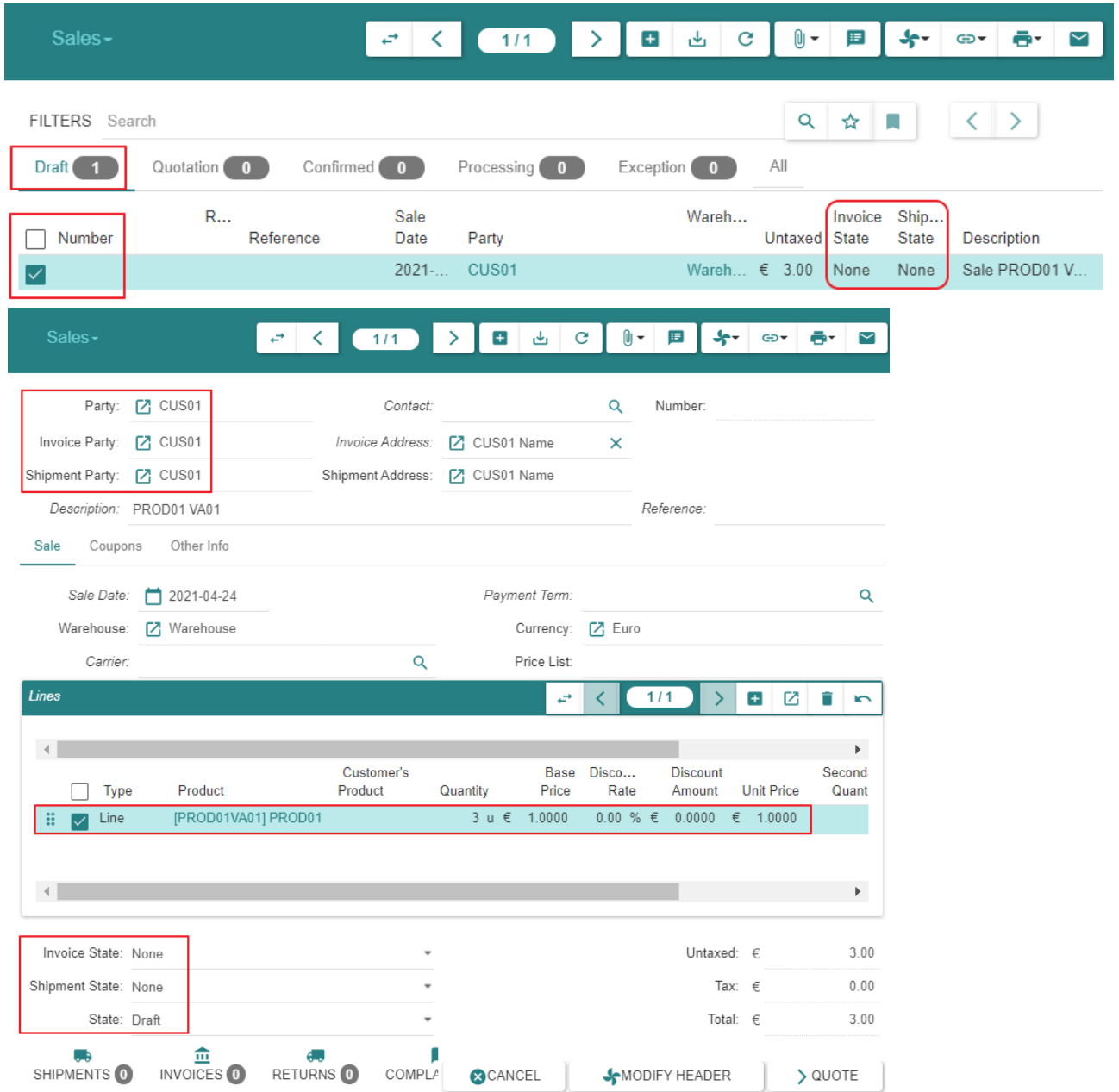


Customer Sale - State Changes - Impact Analysis

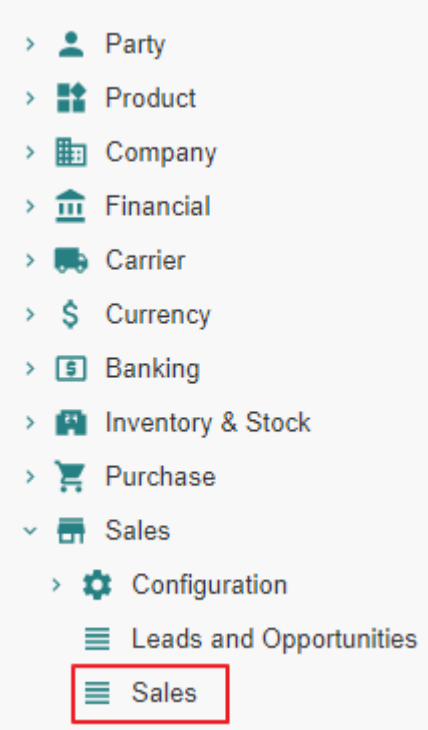
Sale
From State « Nill » to State « Draft »

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

Sale



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



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

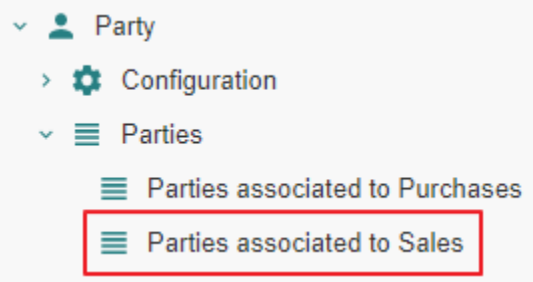
Sale - From « Nill » To « Draft »

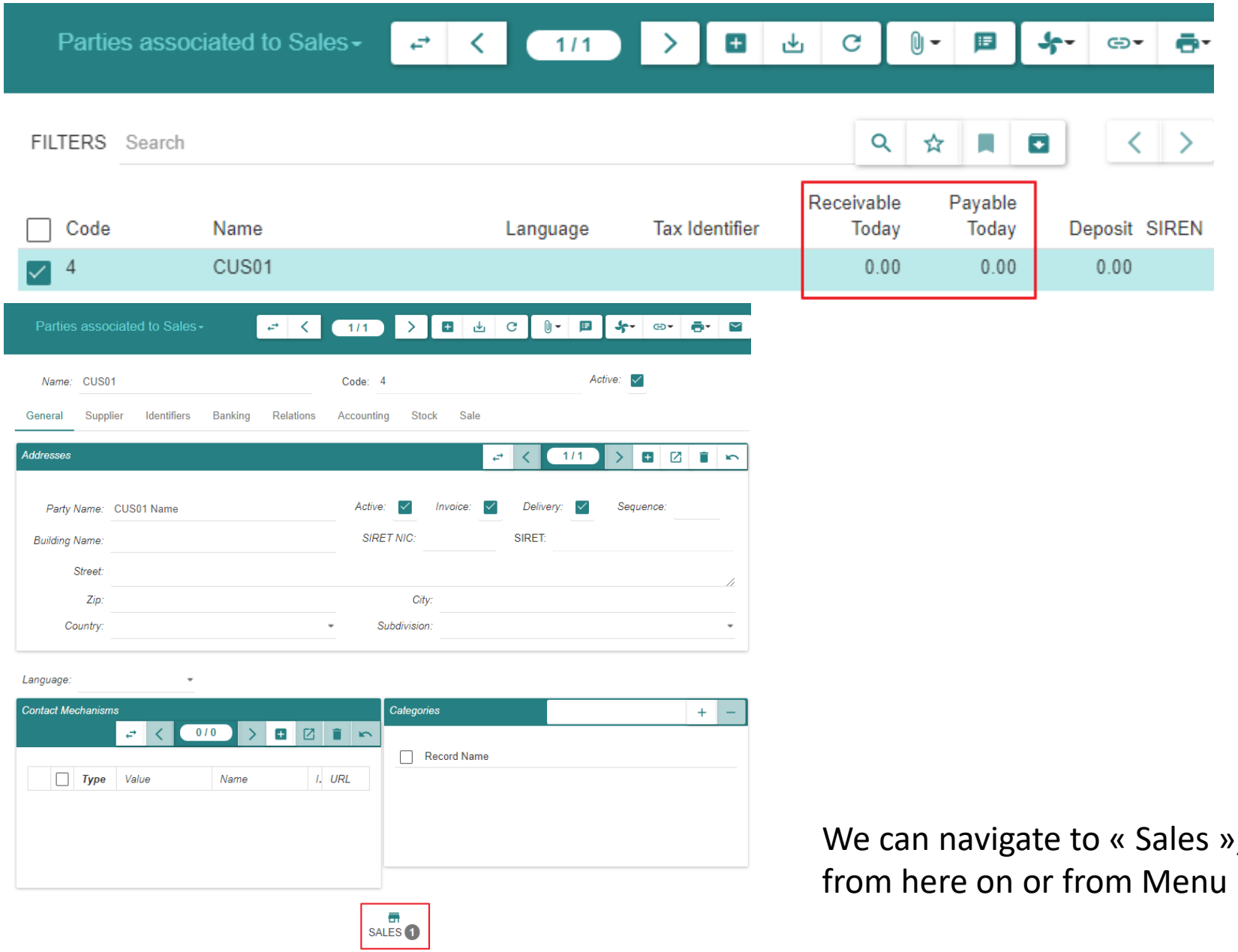
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Draft	Created
Shipment			
Customer Shipments (Customer)	3		
Stock			
Stock Locations	4		
Stock Moves	5		
Invoice			
Invoices (Customer)	6		
Invoice Lines	7		
Payment			
Lines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

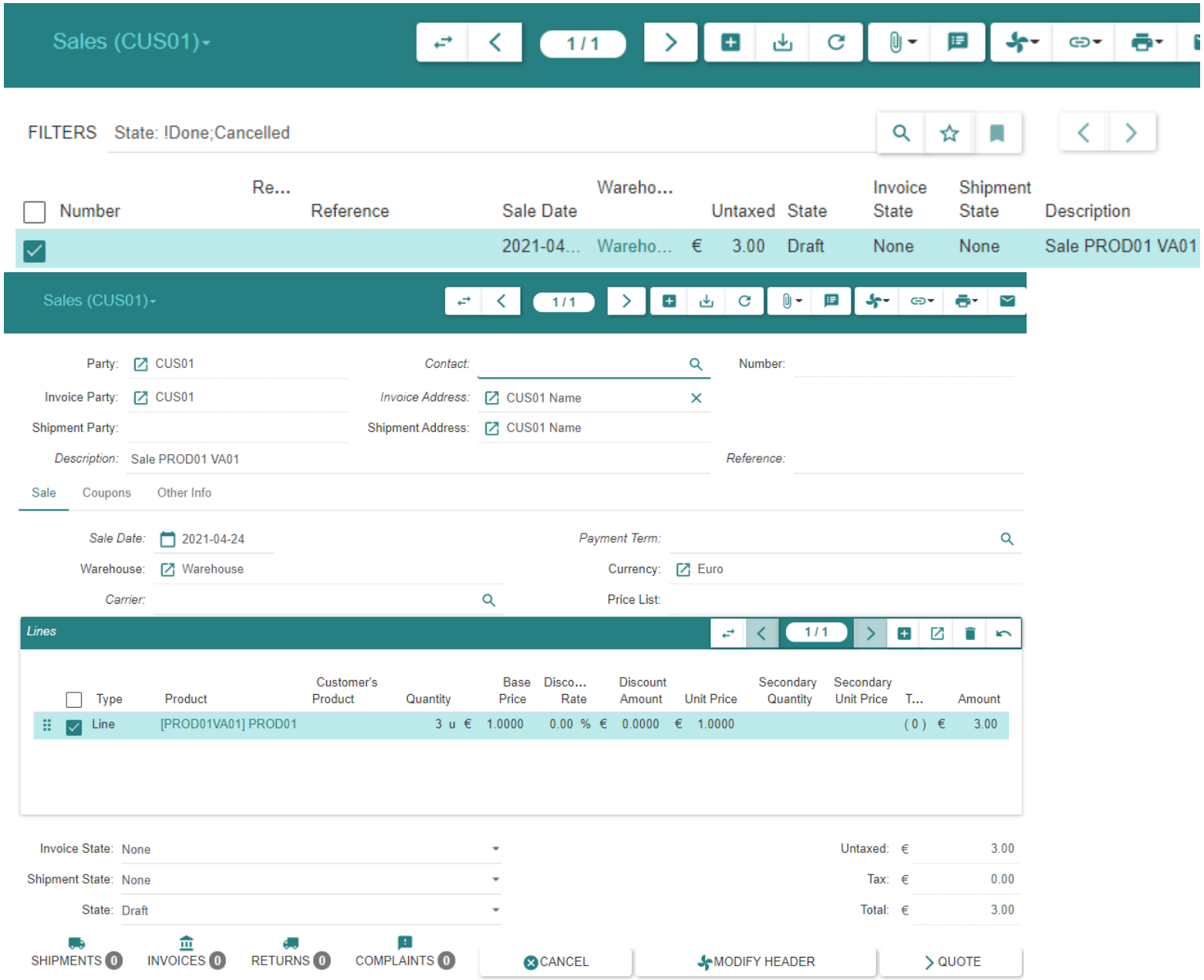
1 - Parties associated to Sales

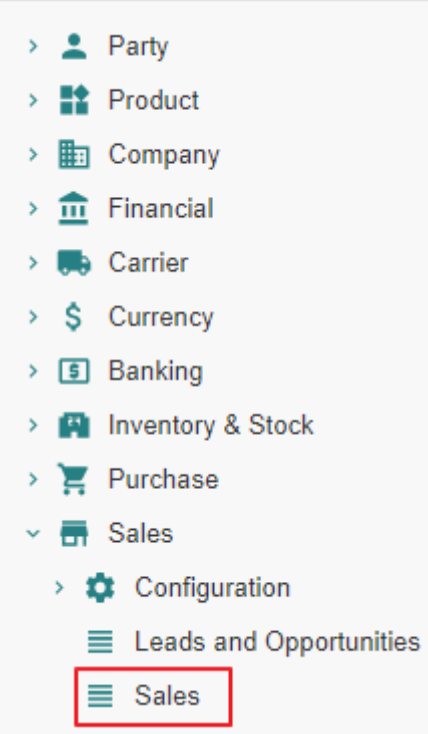




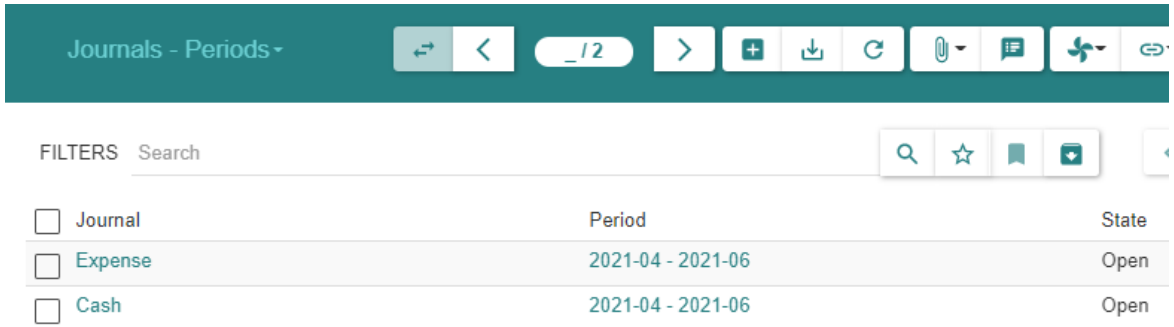
We can navigate to « Sales », « Shipments » or « Invoices » from here on or from Menu Items

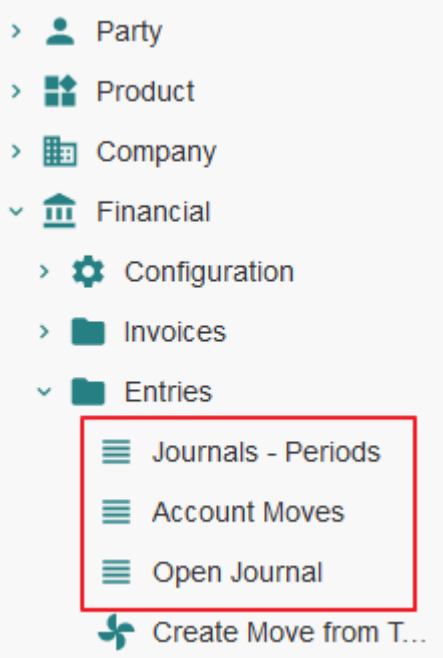
2 - Sales | Sales (SUP01)

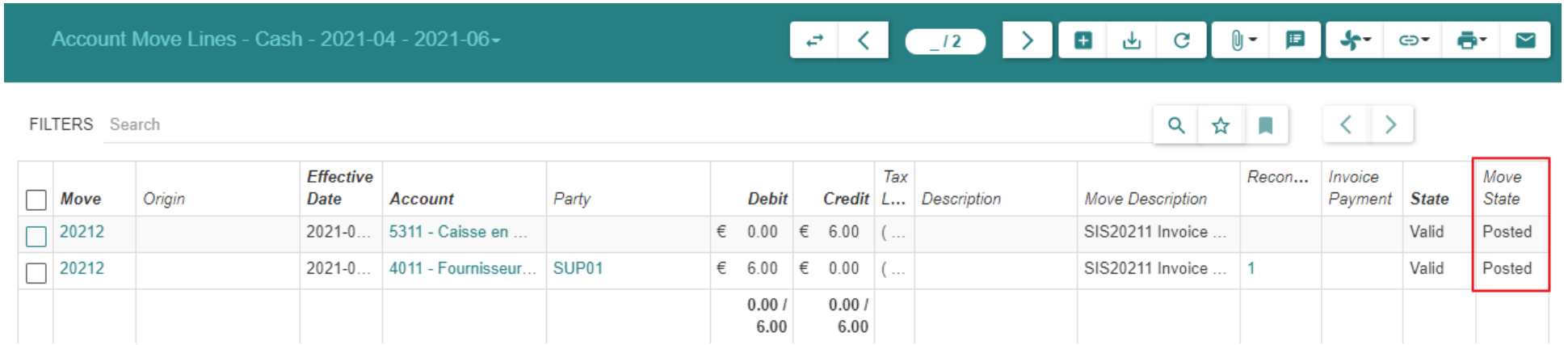


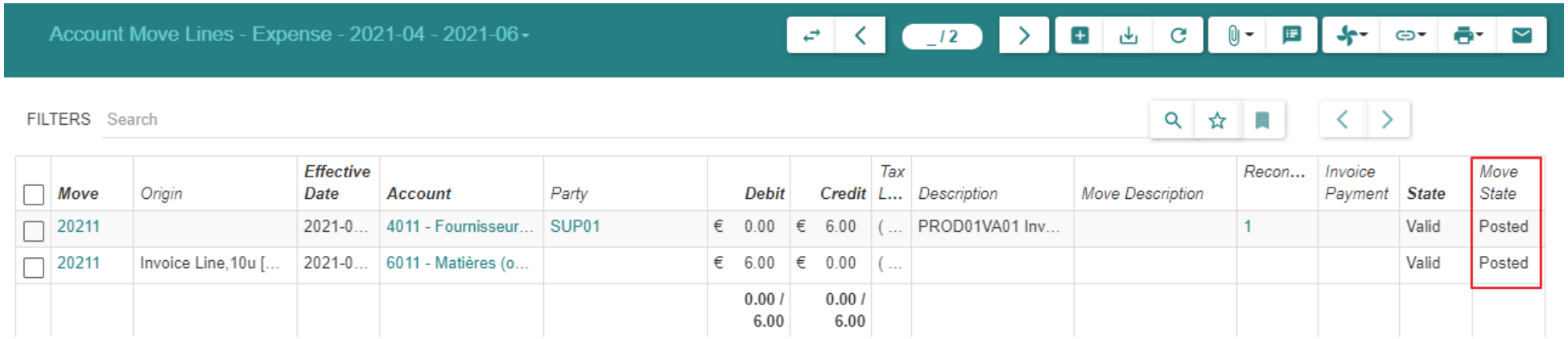


10 - Journals - Periods

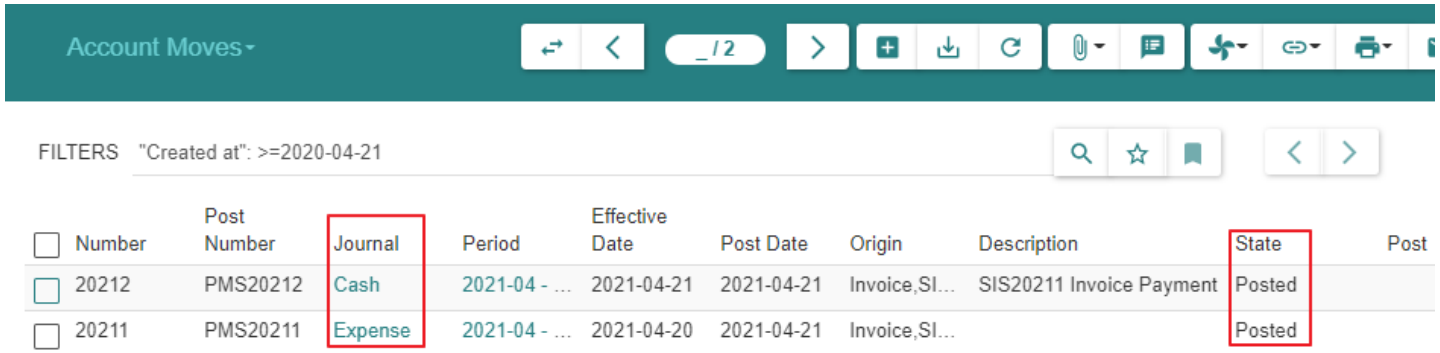








11 - Account Moves



Company: COM01

Number: 20212

Post Number: PMS20212

Journal: Cash

Period: 2021-04 - 2021-06

Effective Date: 2021-04-21

Post Date: 2021-04-21

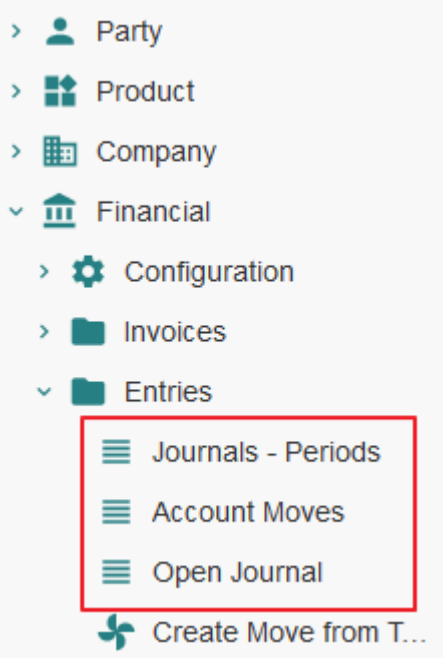
Origin: Invoice

SIS20211 [PROD01VA01]

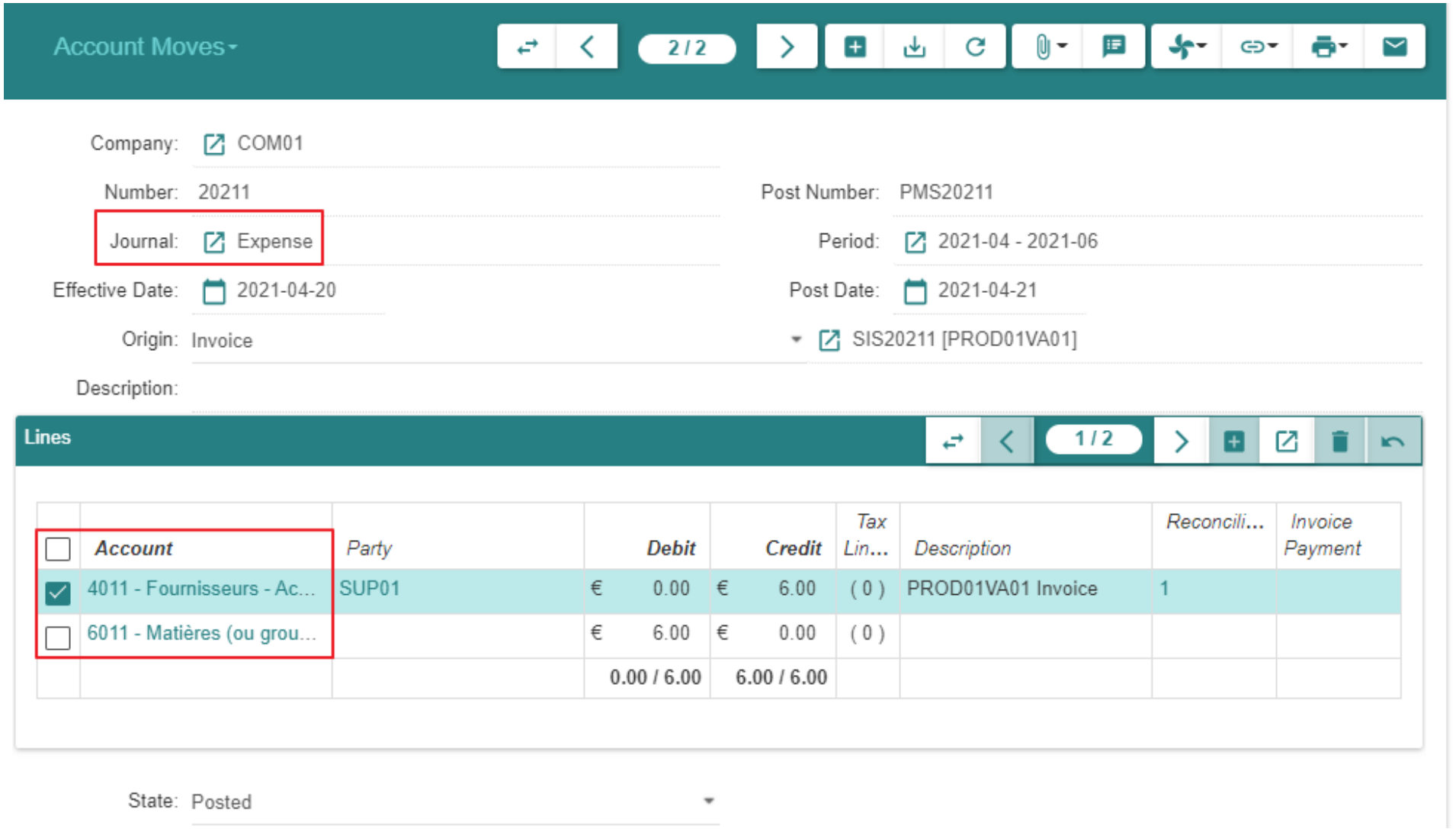
Description: SIS20211 Invoice Payment

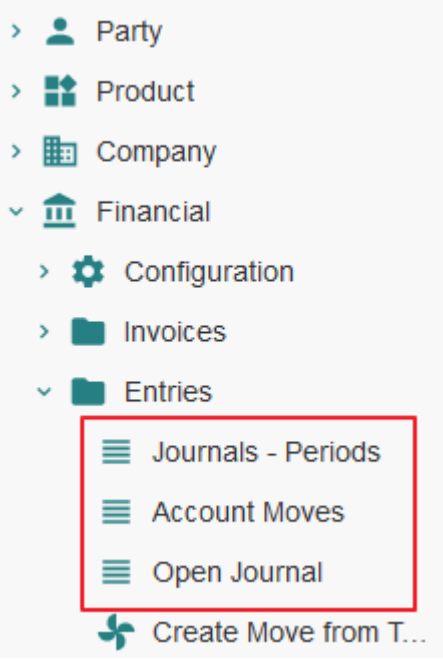
Lines 1 / 2

Account	Party	Debit	Credit	Tax Lin...	Description	Reconcili...	Invoice Payment
5311 - Caisse en monnai...		€ 0.00	€ 6.00	(0)			
4011 - Fournisseurs - Ac...	SUP01	€ 6.00	€ 0.00	(0)		1	
		0.00 / 6.00	6.00 / 6.00				

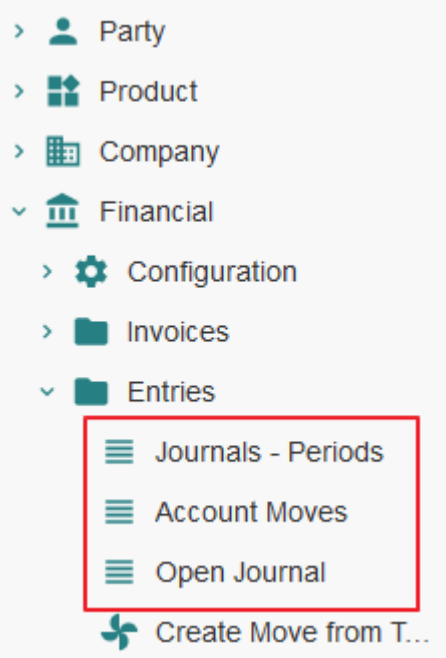


11 - Account Moves





12 - Open Journal



Search Journal

FILTERS Search

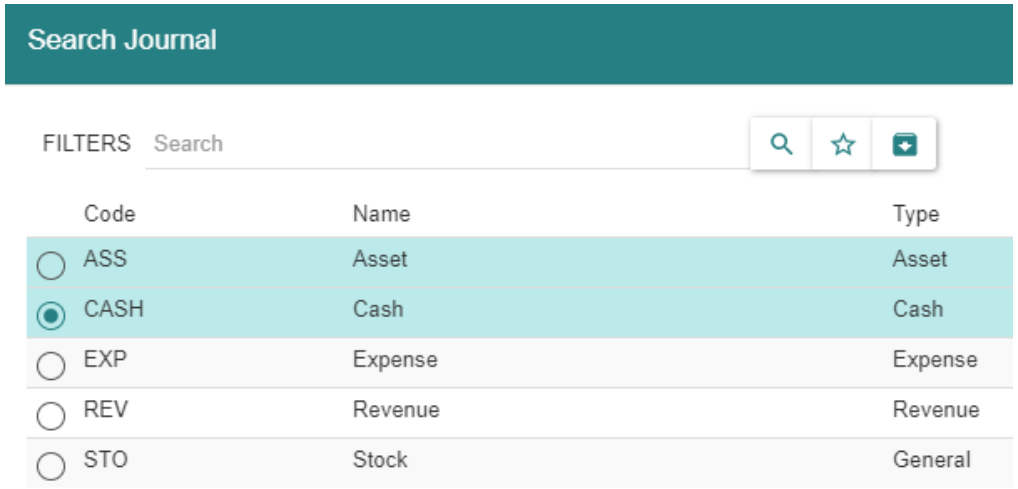
	Code	Name	Type
○	ASS	Asset	Asset
○	CASH	Cash	Cash
◉	EXP	Expense	Expense
○	REV	Revenue	Revenue
○	STO	Stock	General

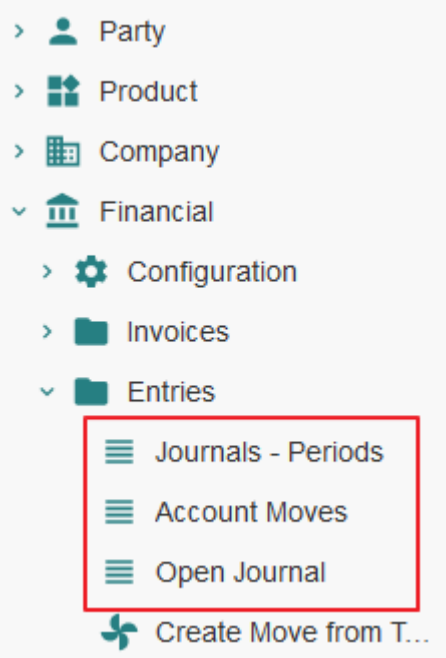
Account Move Lines - Expense - 2021-04 - 2021-06

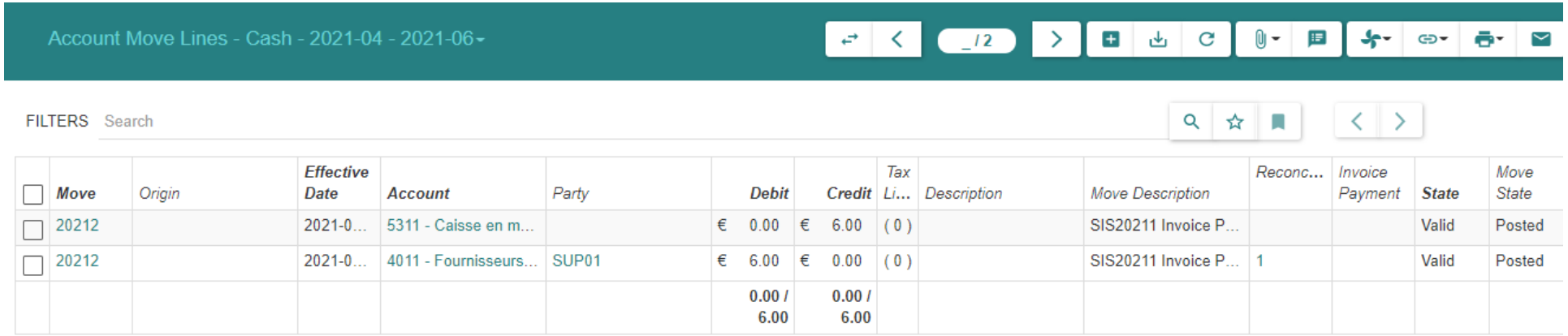
FILTERS Search

	Move	Origin	Effective Date	Account	Party	Debit	Credit	Tax Li...	Description	Move Description	Reconc...	Invoice Payment	State	Move State
☐	20211		2021-0...	4011 - Fournisseur...	SUP01	€ 0.00	€ 6.00	(0)	PROD01VA01 Invo...		1		Valid	Posted
☐	20211	Invoice Line,10u [P...	2021-0...	6011 - Matières (ou...		€ 6.00	€ 0.00	(0)					Valid	Posted
						0.00 / 6.00	0.00 / 6.00							

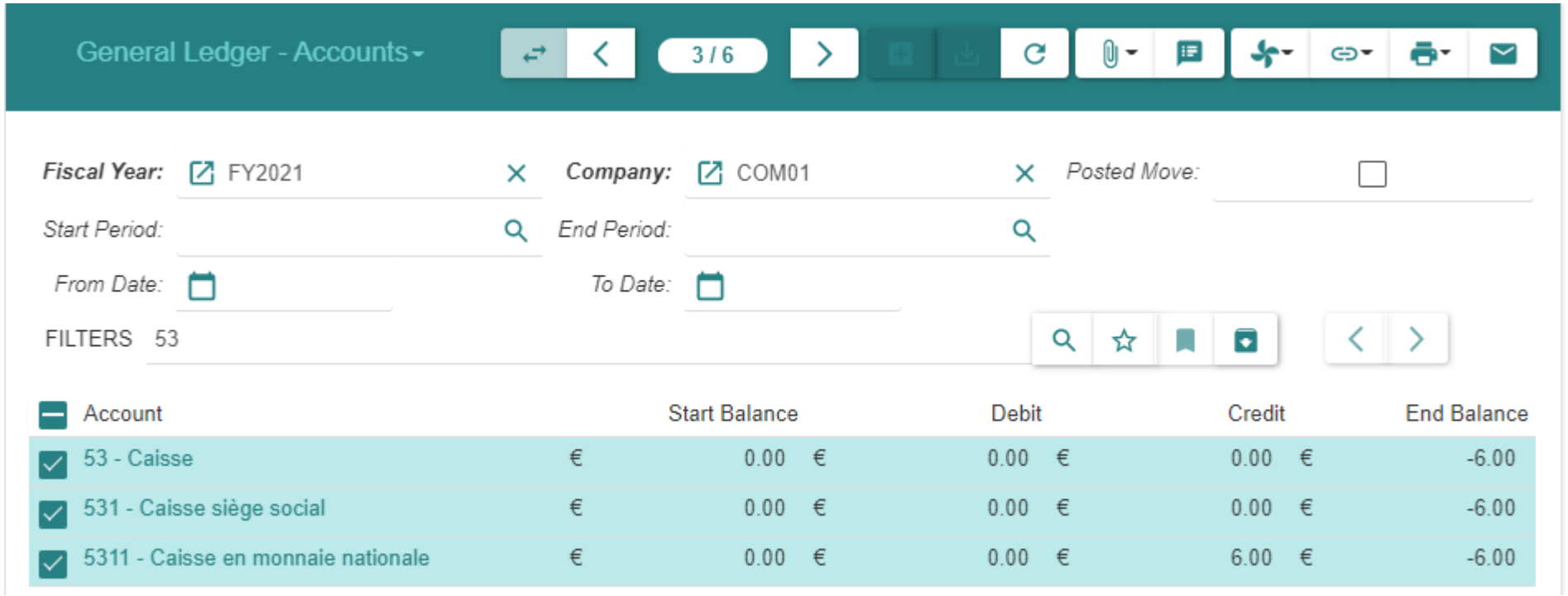
12 - Open Journal

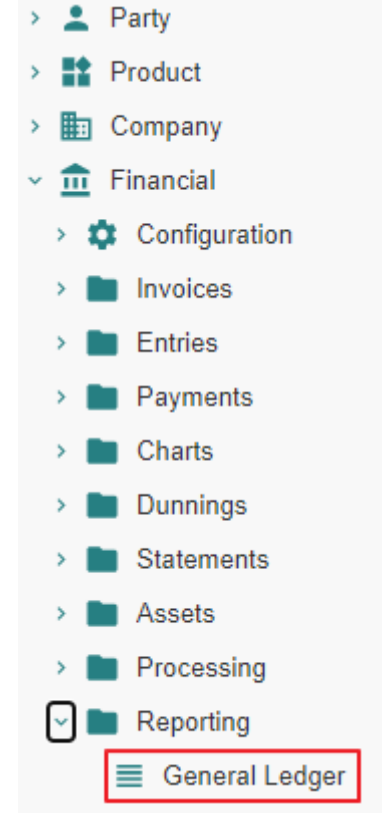




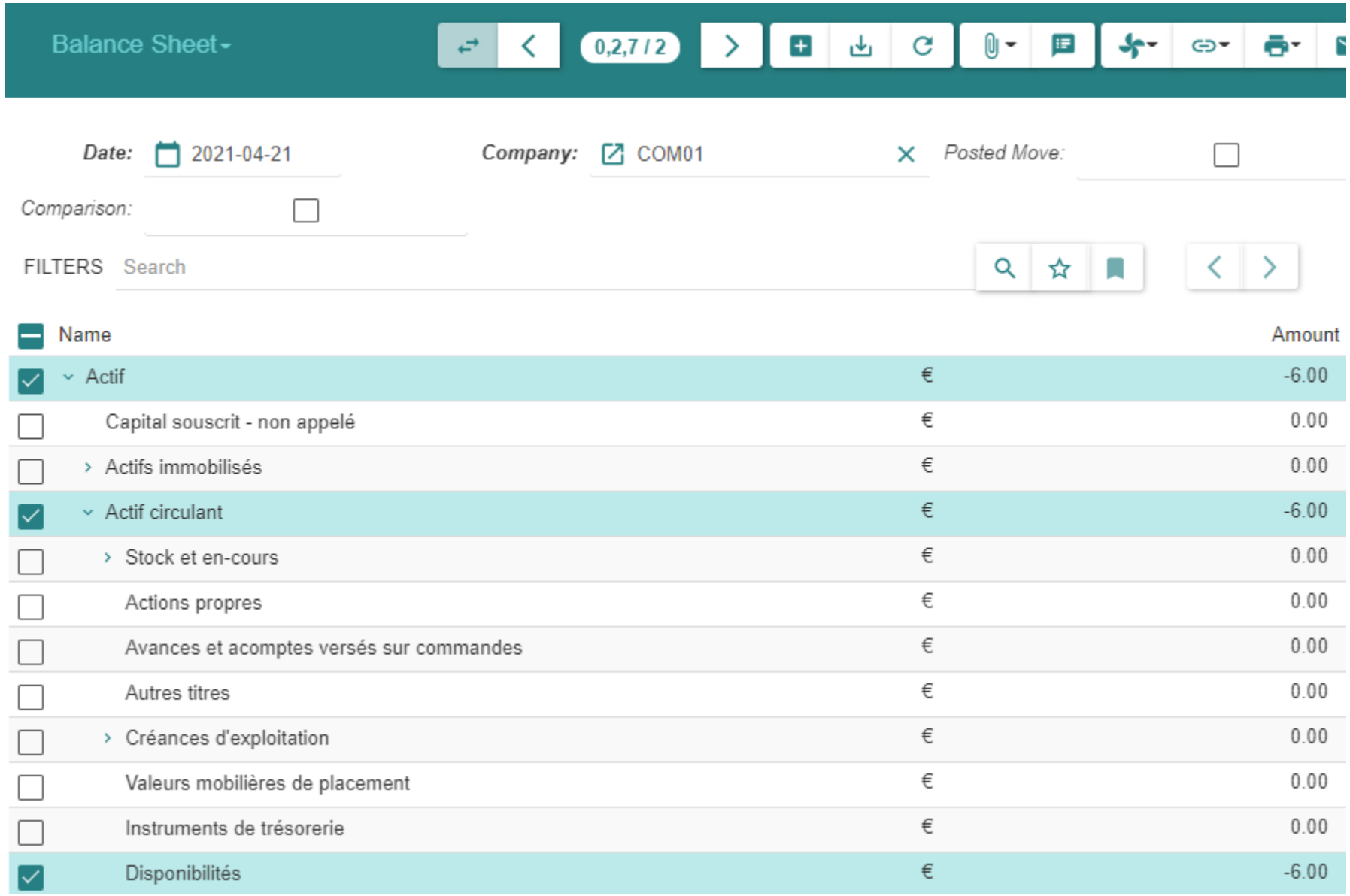


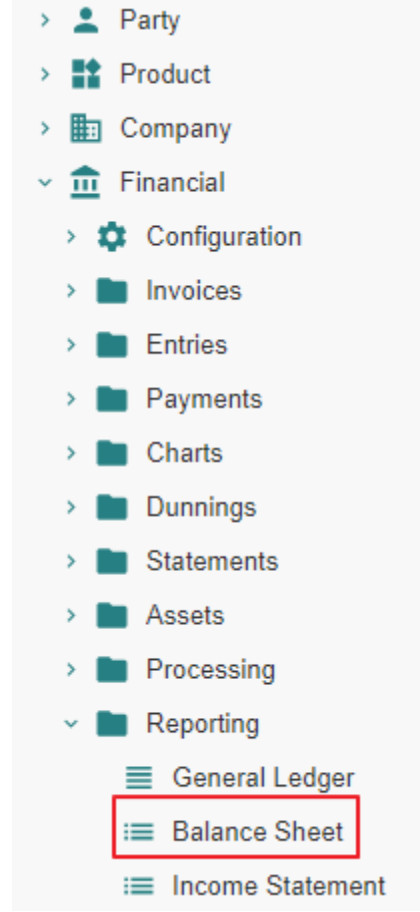
13 - General Ledger



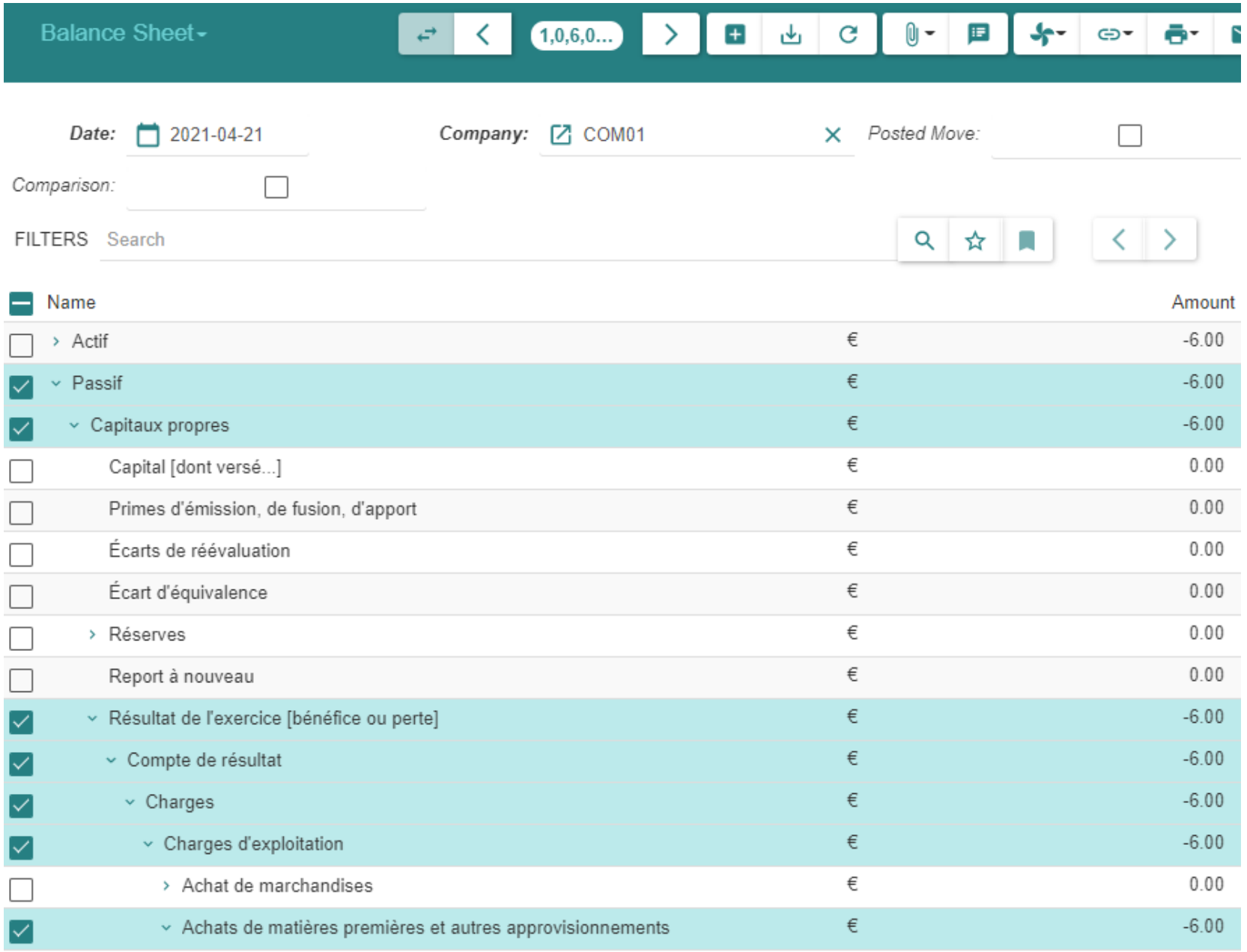


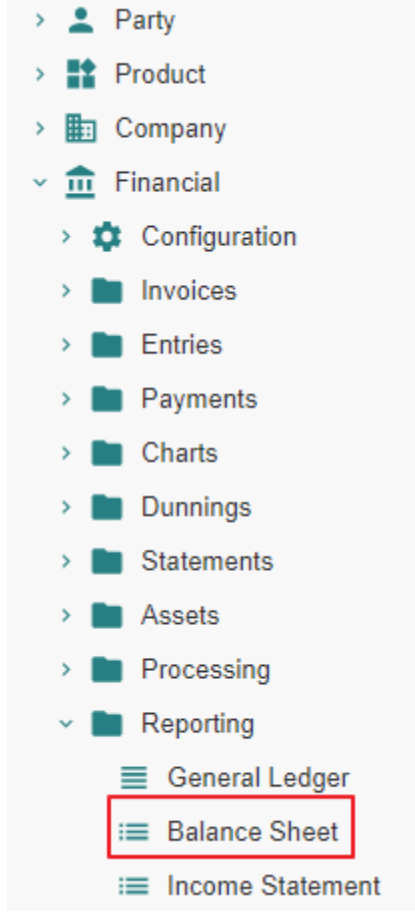
14 - Balance Sheet





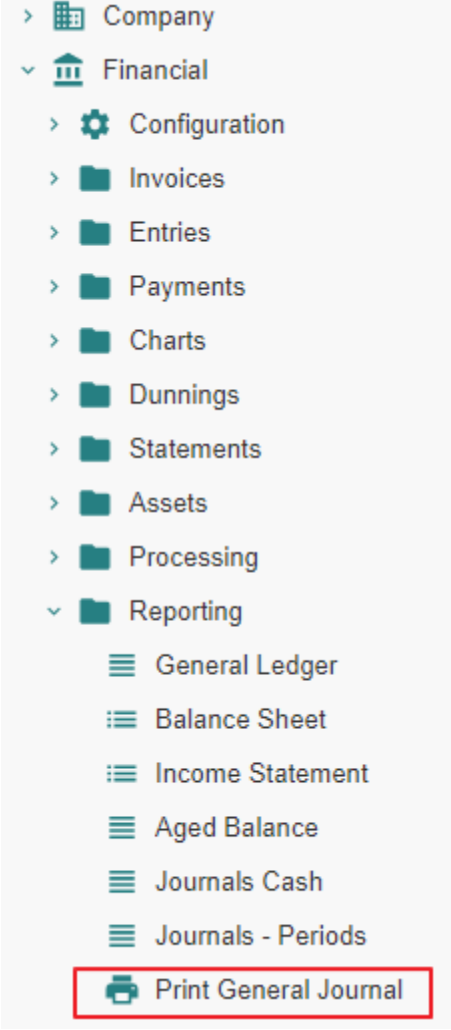
14 - Balance Sheet

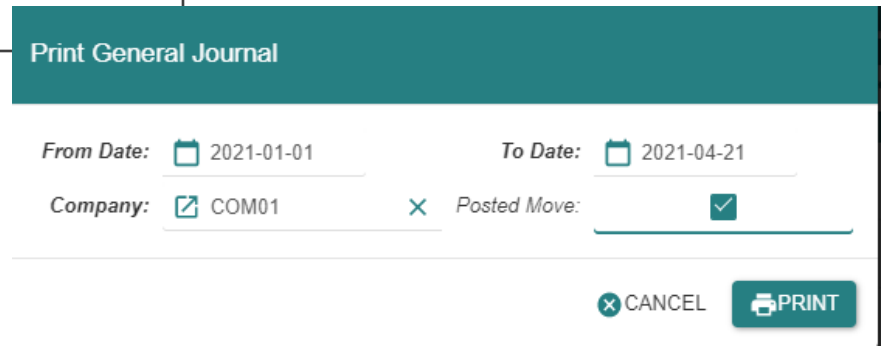




16 - General Journal

Journal Entry: 20211	Date: 04/20/2021	Origin: SIS20211 [PROD01VA01]	Posted PMS20211 04/21/2021	
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 PMS20212 04/21/2021**	
Account	**Description**		**Debit**	**Credit**
5311 Caisse en monnaie nationale			€0.00	€6.00
4011 Fournisseurs - Achats de biens et prestations de services			€6.00	€0.00

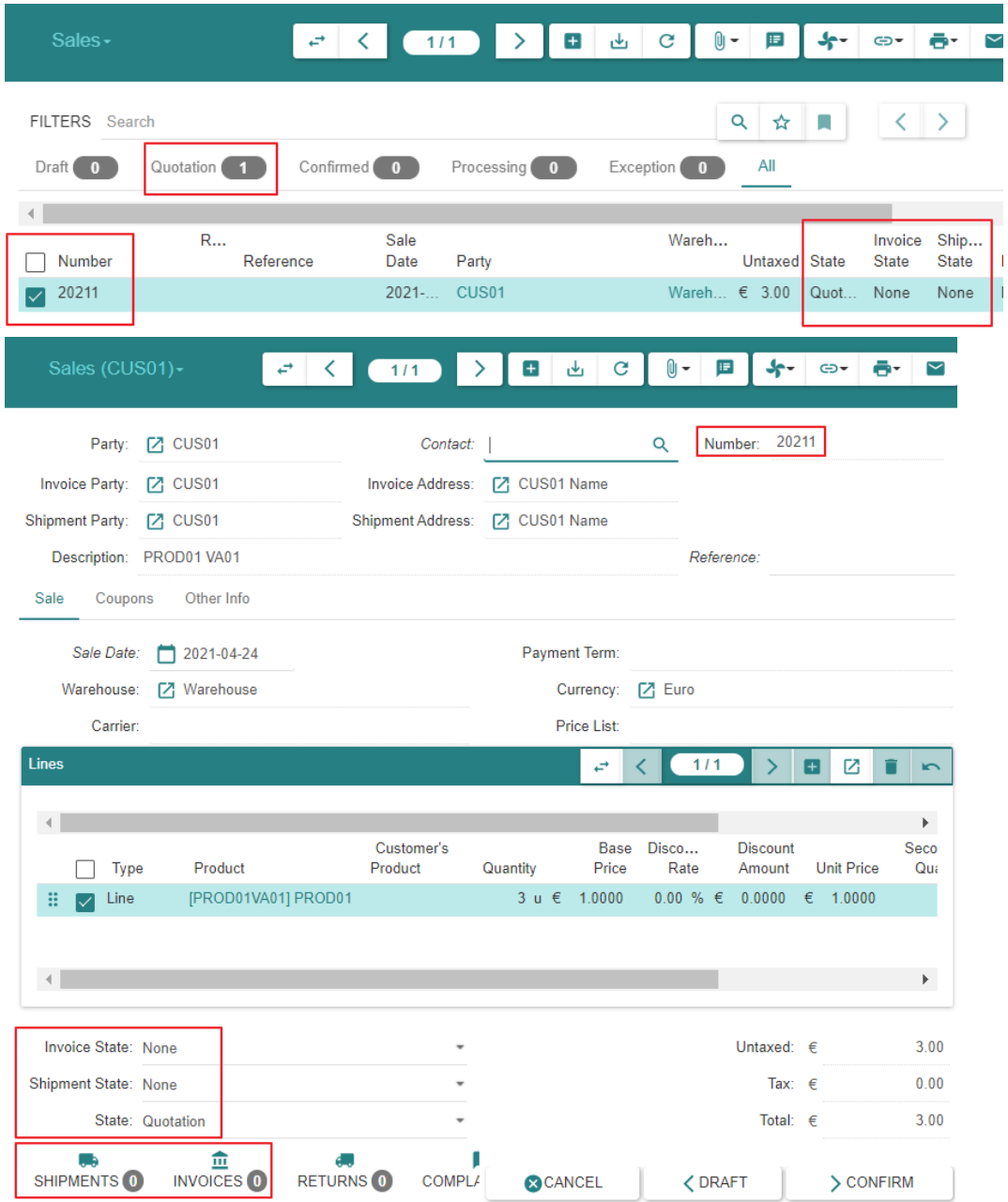




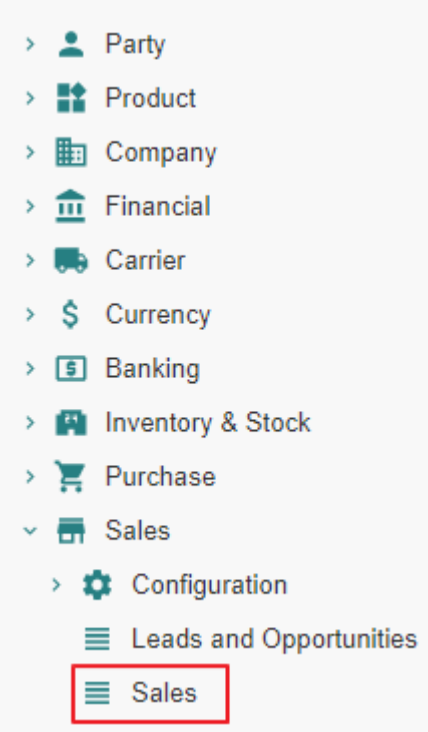
Sale
From State « Draft » to State « Quotation »

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

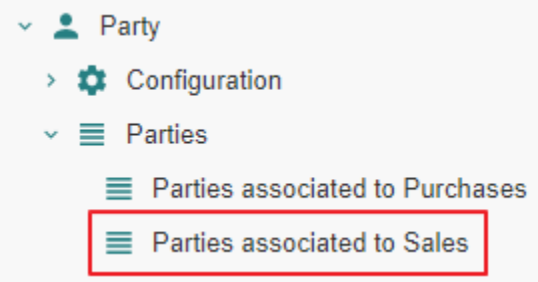
Sale - From « Draft » To « Quotation »

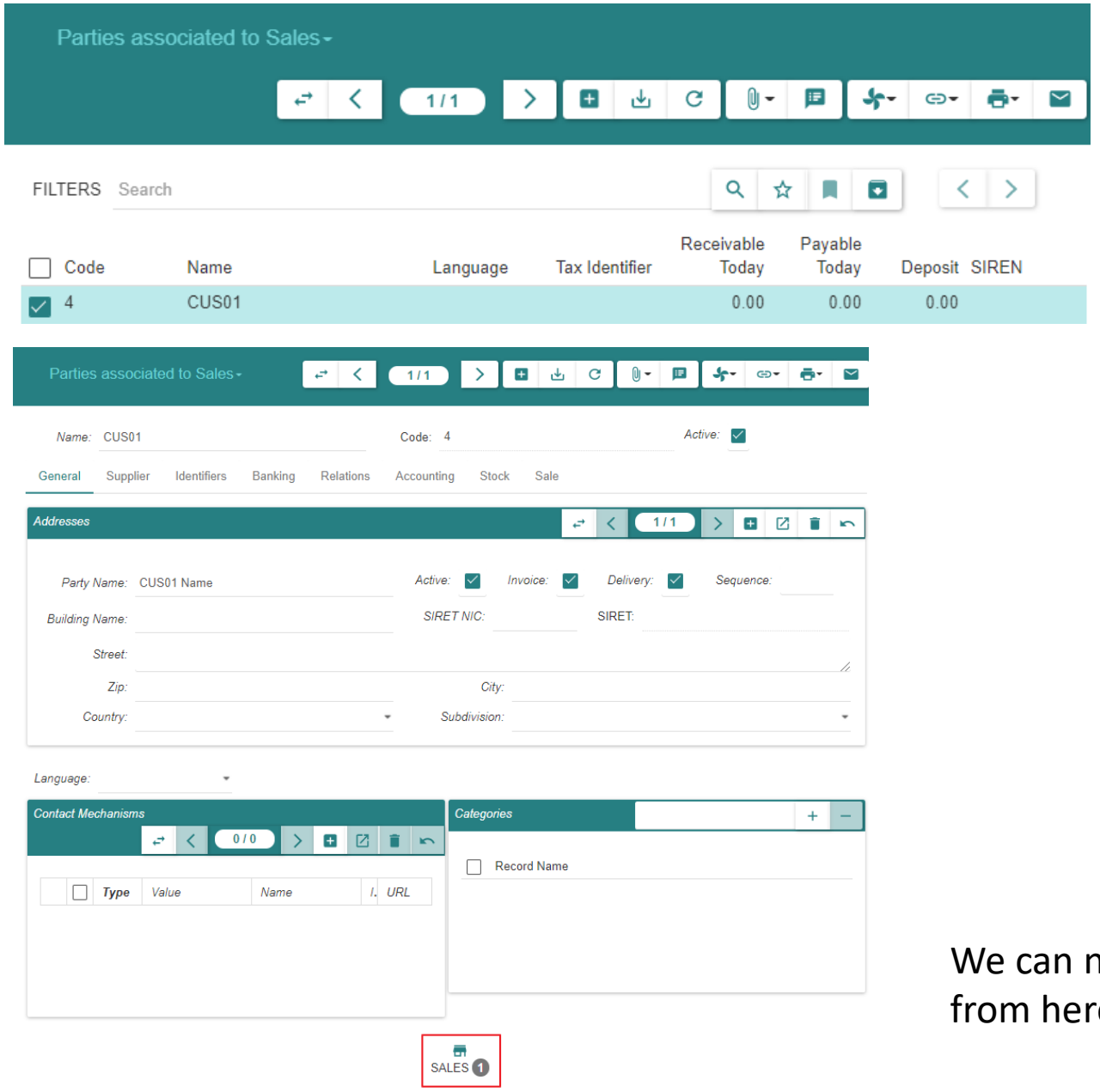
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Quotation	Updated
Shipment			
Customer Shipments (Customer)	3		
Stock			
Stock Locations	4		
Stock Moves	5		
Invoice			
Invoices (Customer)	6		
Invoice Lines	7		
Payment			
Lines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

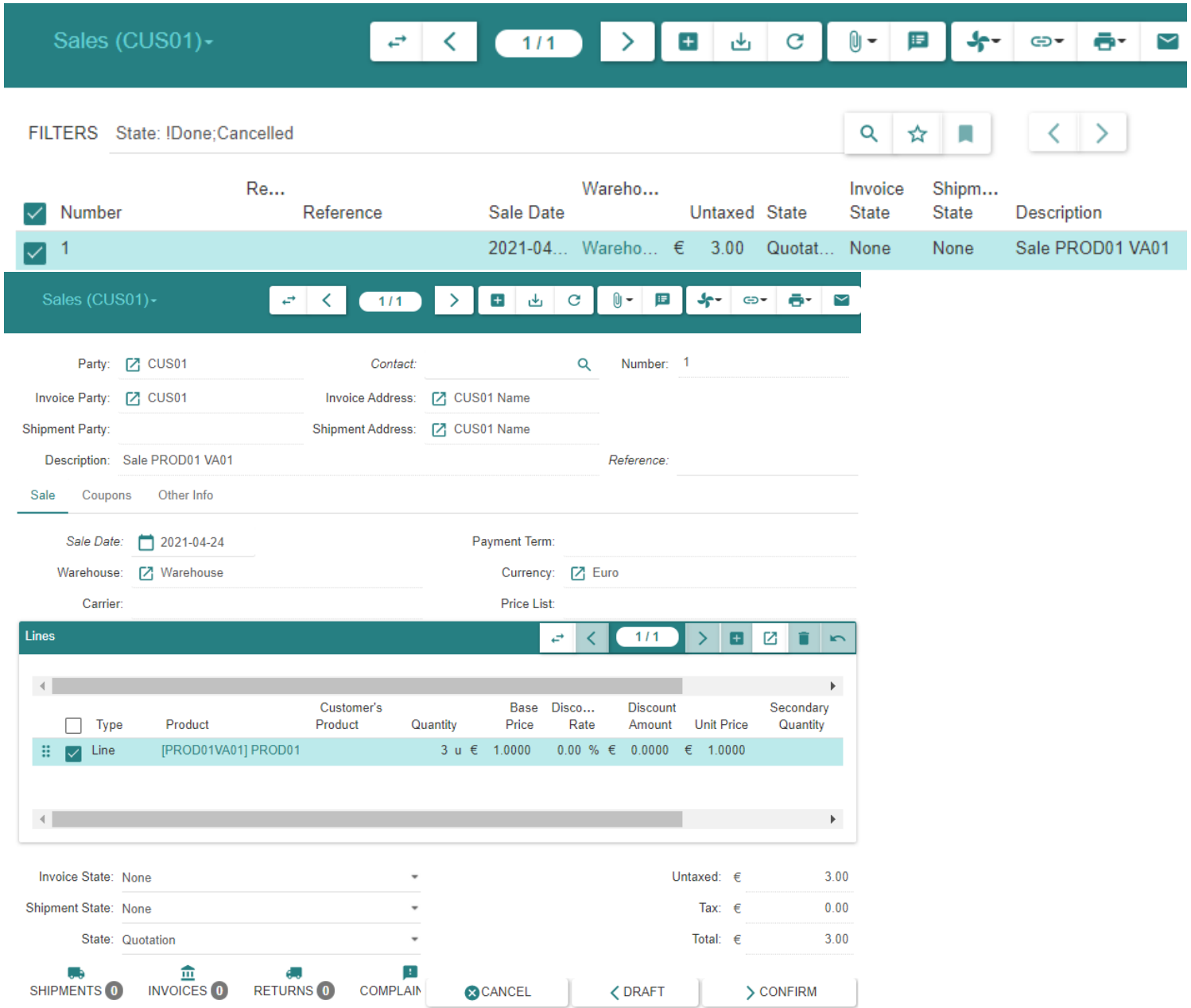
1 - Parties associated to Sales

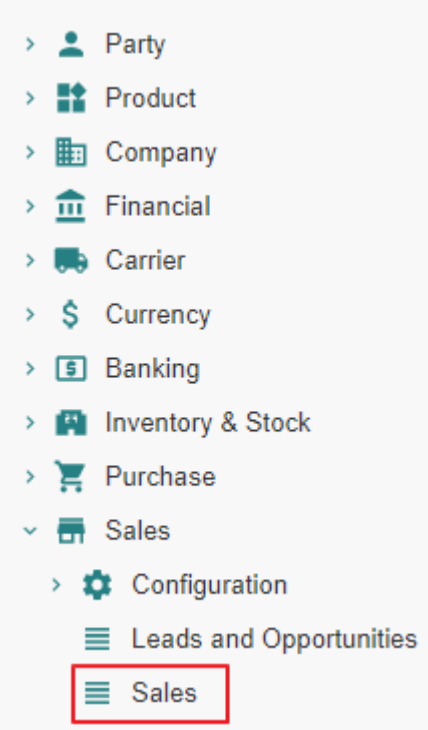




We can navigate to « Sales », « Shipments » or « Invoices » from here on or from Menu Items

2 - Sales | Sales (SUP01)



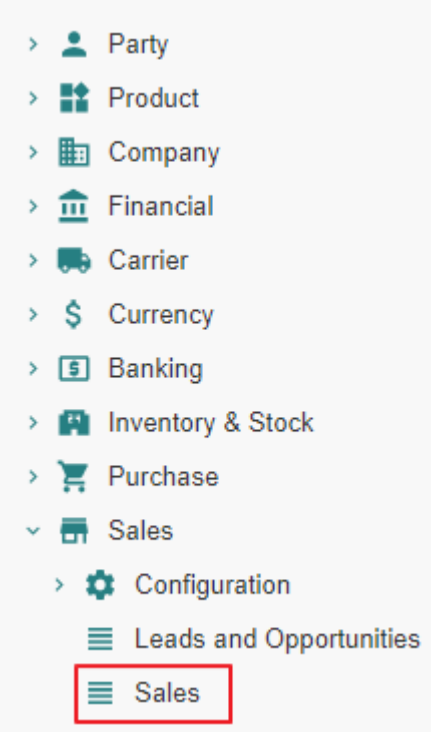


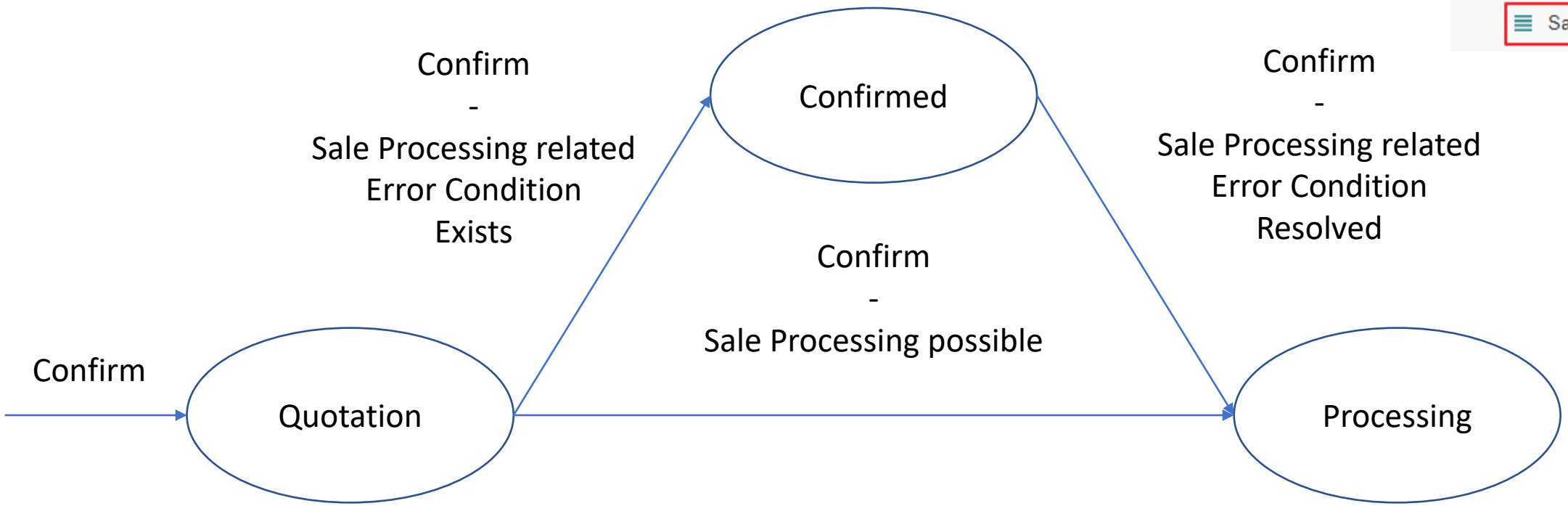
Sale
From State « Quotation » to State « Confirmed » or
From State « Quotation » to State « Processing »

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 »

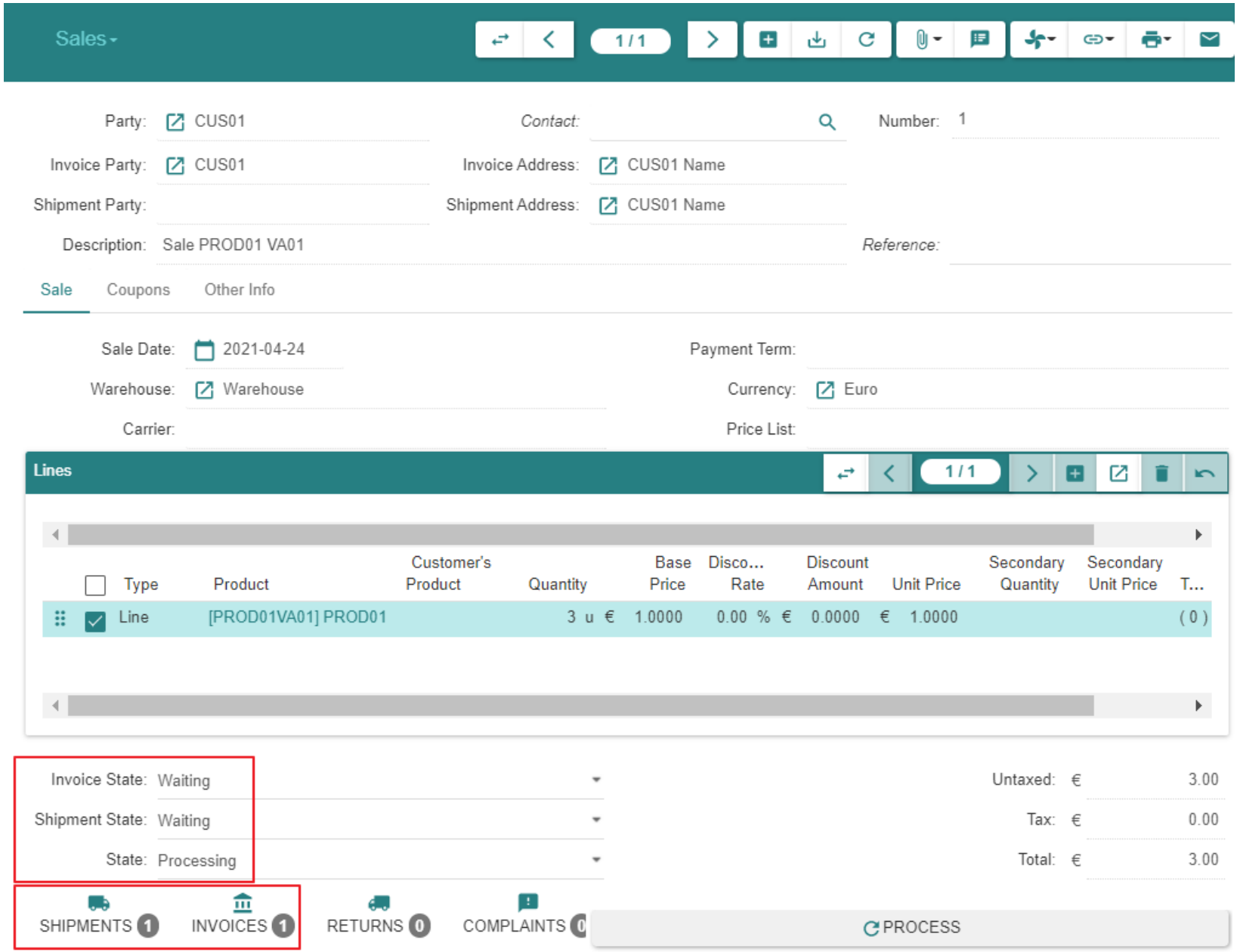


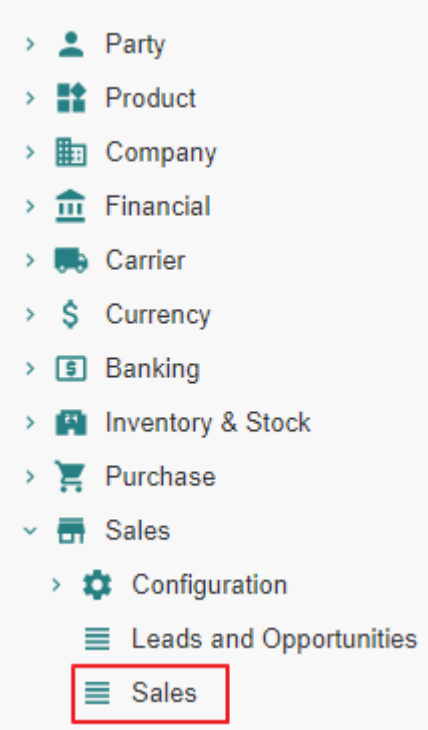


Sale
From State « Quotation » to State «Processing »

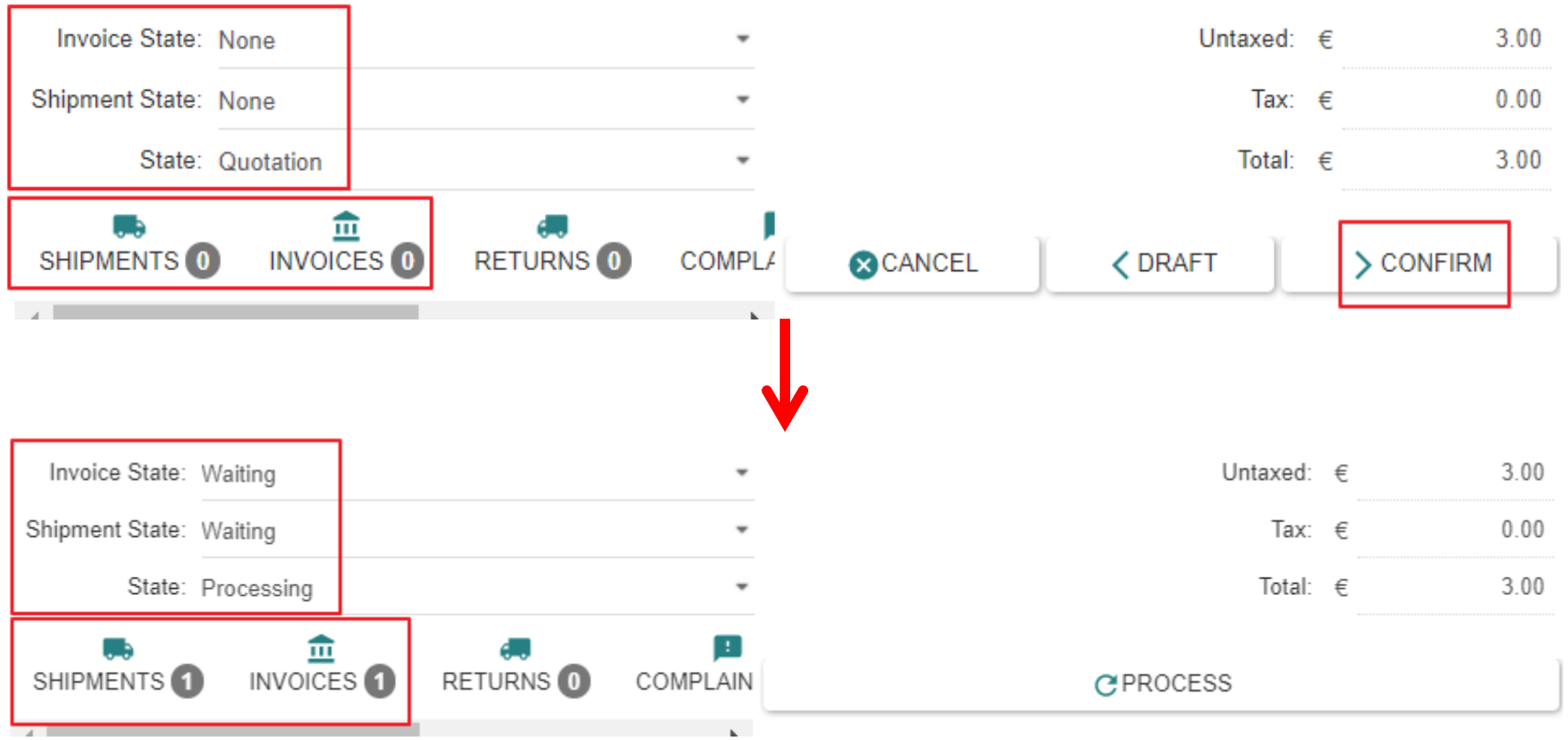
Sale
From State « Quotation » to State «Processing »
Action

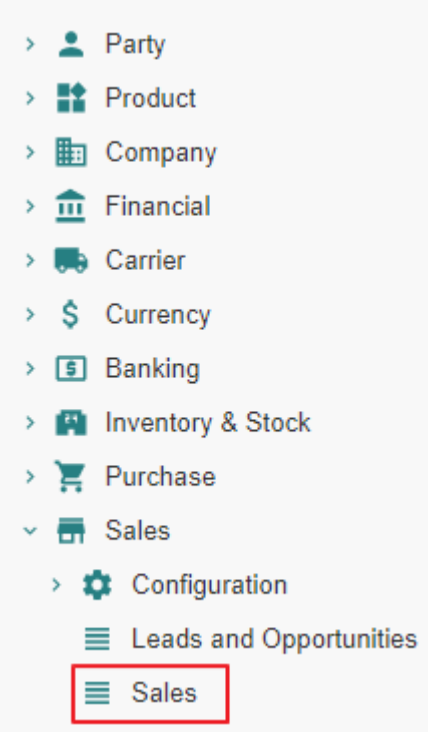
Sale


Sales
1 / 1
Party: CUS01
Contact:
Number: 1
Invoice Party: CUS01
Invoice Address: CUS01 Name
Shipment Party:
Shipment Address: CUS01 Name
Description: Sale PROD01 VA01
Reference:
Sale
Coupons
Other Info
Sale Date: 2021-04-24
Payment Term:
Warehouse: Warehouse
Currency: Euro
Carrier:
Price List:
Lines
1 / 1
Type
Product
Customer's Product
Quantity
Base Price
Disco... Rate
Discount Amount
Unit Price
Secondary Quantity
Secondary Unit Price
T...
Line
[PROD01VA01] PROD01
3 u
€ 1.0000
0.00 %
€ 0.0000
€ 1.0000
(0)
Invoice State: Waiting
Shipment State: Waiting
State: Processing
Untaxed: € 3.00
Tax: € 0.00
Total: € 3.00
SHIPMENTS 1
INVOICES 1
RETURNS 0
COMPLAINTS 0
PROCESS


Party
Product
Company
Financial
Carrier
Currency
Banking
Inventory & Stock
Purchase
Sales
Configuration
Leads and Opportunities
Sales

Sale


Invoice State: None
Shipment State: None
State: Quotation
Untaxed: € 3.00
Tax: € 0.00
Total: € 3.00
SHIPMENTS 0
INVOICES 0
RETURNS 0
COMPLA
CANCEL
DRAFT
CONFIRM
Invoice State: Waiting
Shipment State: Waiting
State: Processing
Untaxed: € 3.00
Tax: € 0.00
Total: € 3.00
SHIPMENTS 1
INVOICES 1
RETURNS 0
COMPLAIN
PROCESS


Party
Product
Company
Financial
Carrier
Currency
Banking
Inventory & Stock
Purchase
Sales
Configuration
Leads and Opportunities
Sales

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

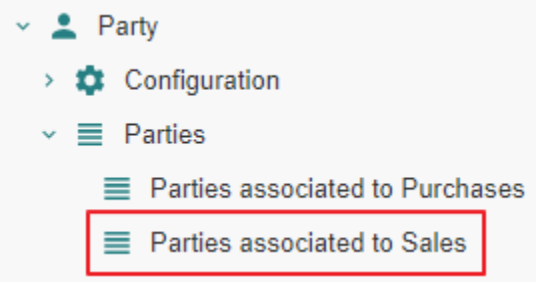
Sale - From « Quotation » To « Processing »

		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



Parties associated to Sales 1 / 1

Name: CUS01 Code: 4 Active:

General Supplier Identifiers Banking Relations Accounting Stock Sale

Addresses 1 / 1

Party Name: CUS01 Name Active: Invoice: Delivery: Sequence:

Building Name: SIRET NIC: SIRET:

Street:

Zip: City:

Country: Subdivision:

Language:

Contact Mechanisms 0 / 0

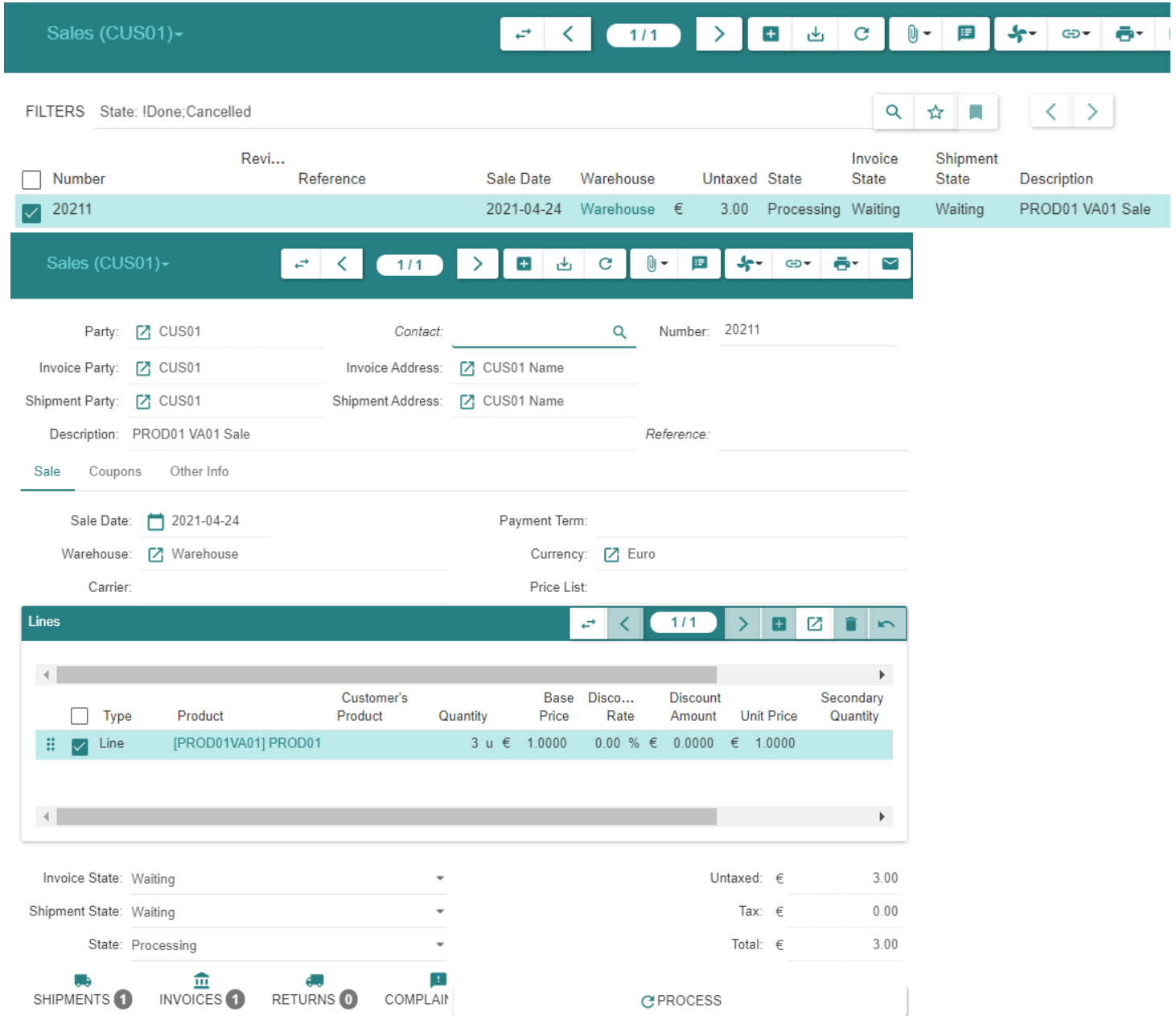
Type Value Name I. URL

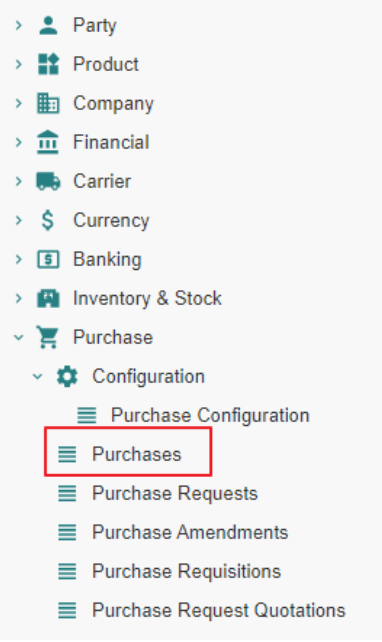
Categories

Record Name

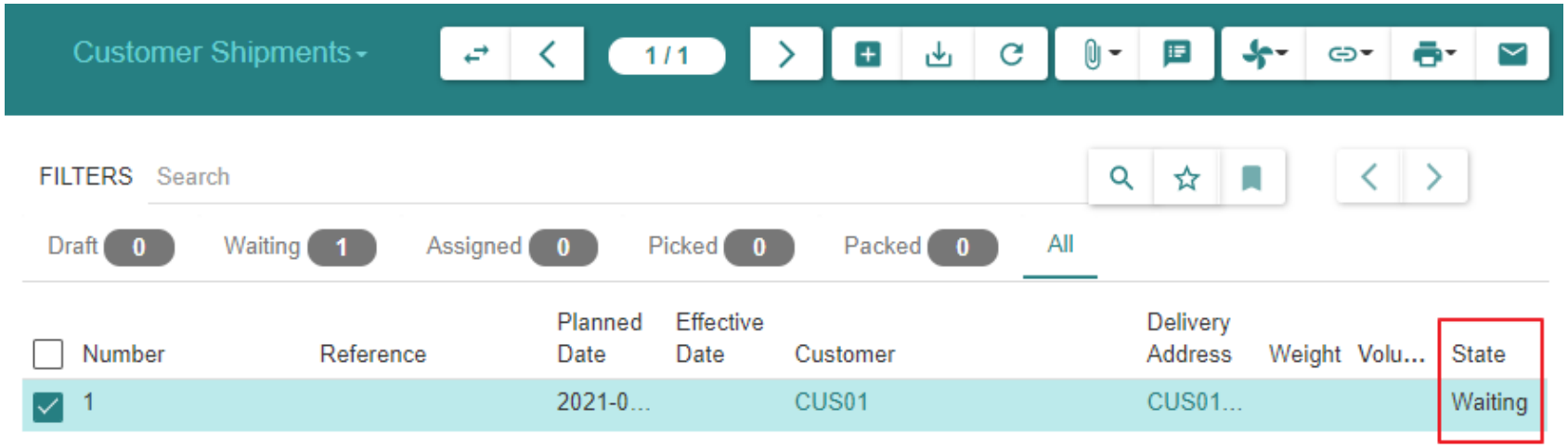
CUSTOMER SHIPMENTS 1 INVOICES 1 SALES 1

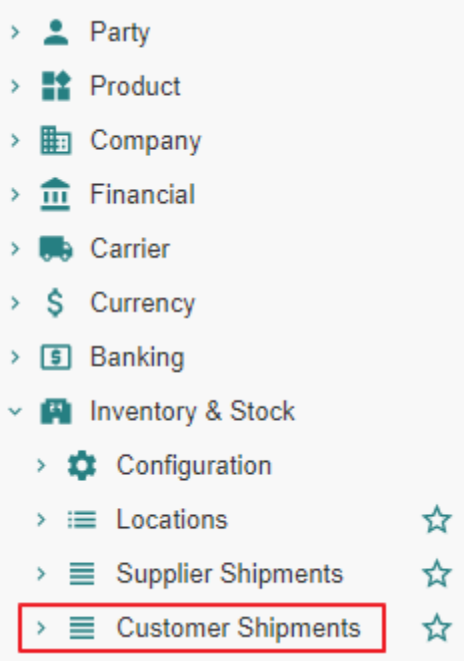
2 - Sales | Sales (CUS01)





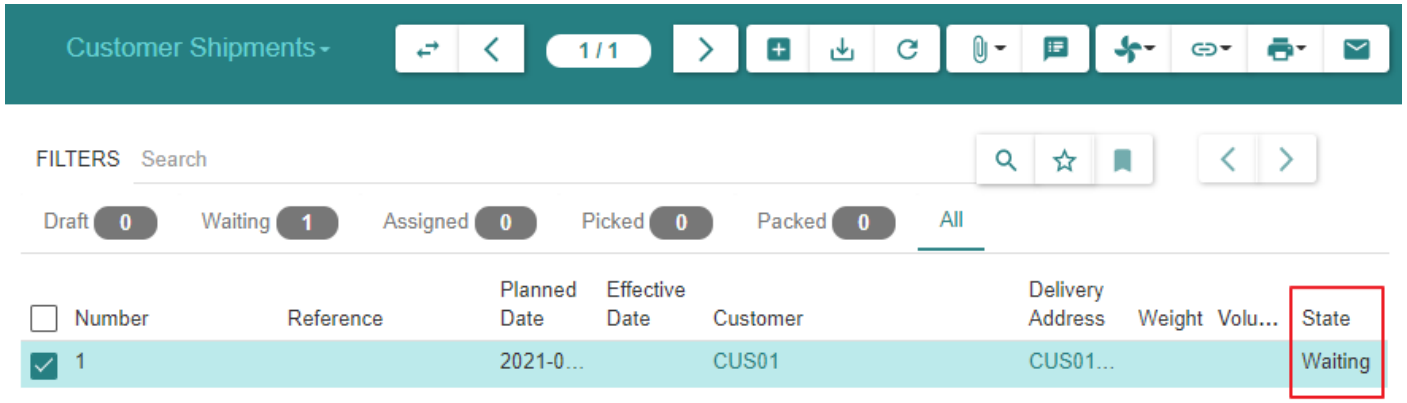
3 - Customer Shipments | Customer Shipments (CUS01)

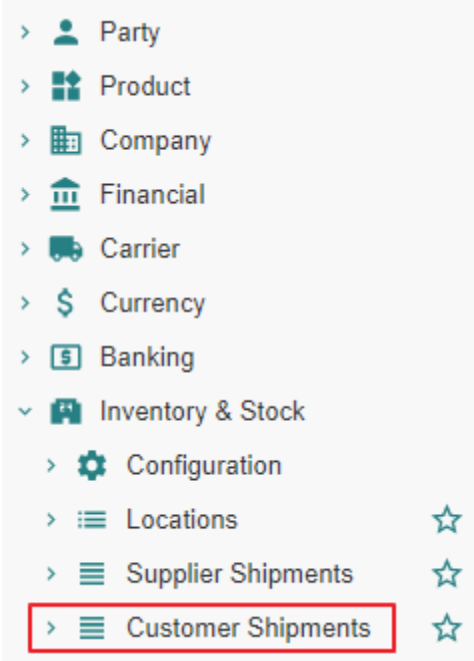


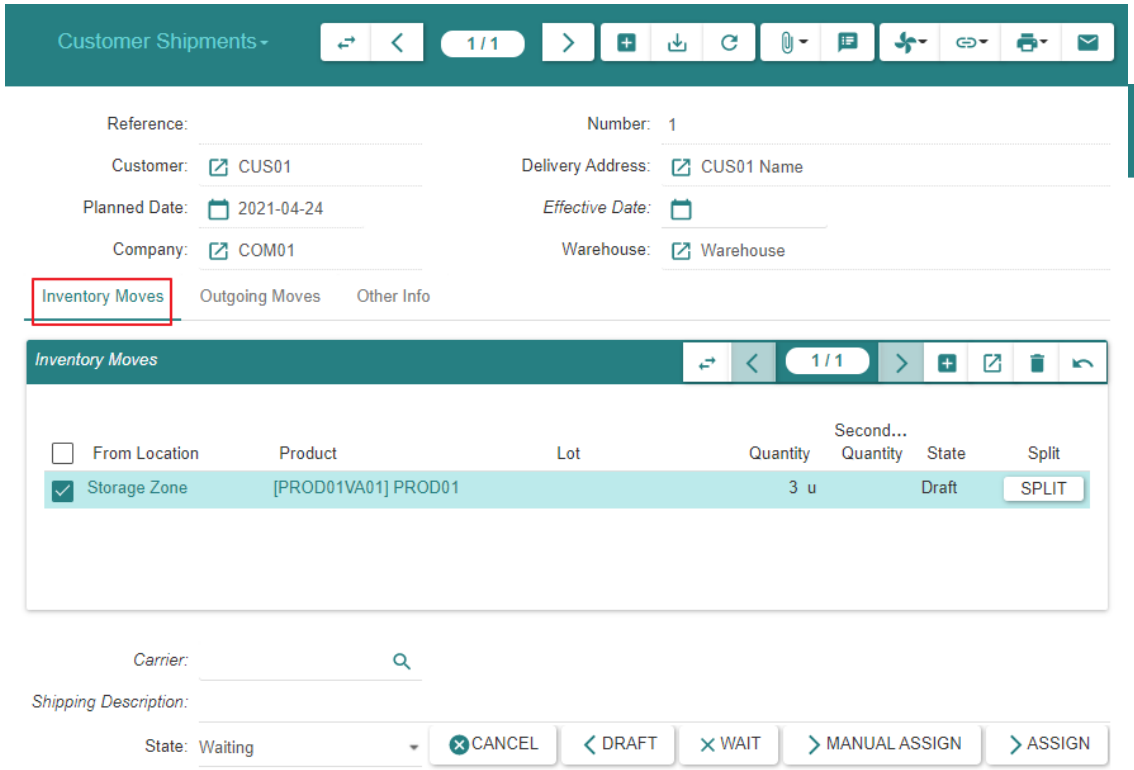


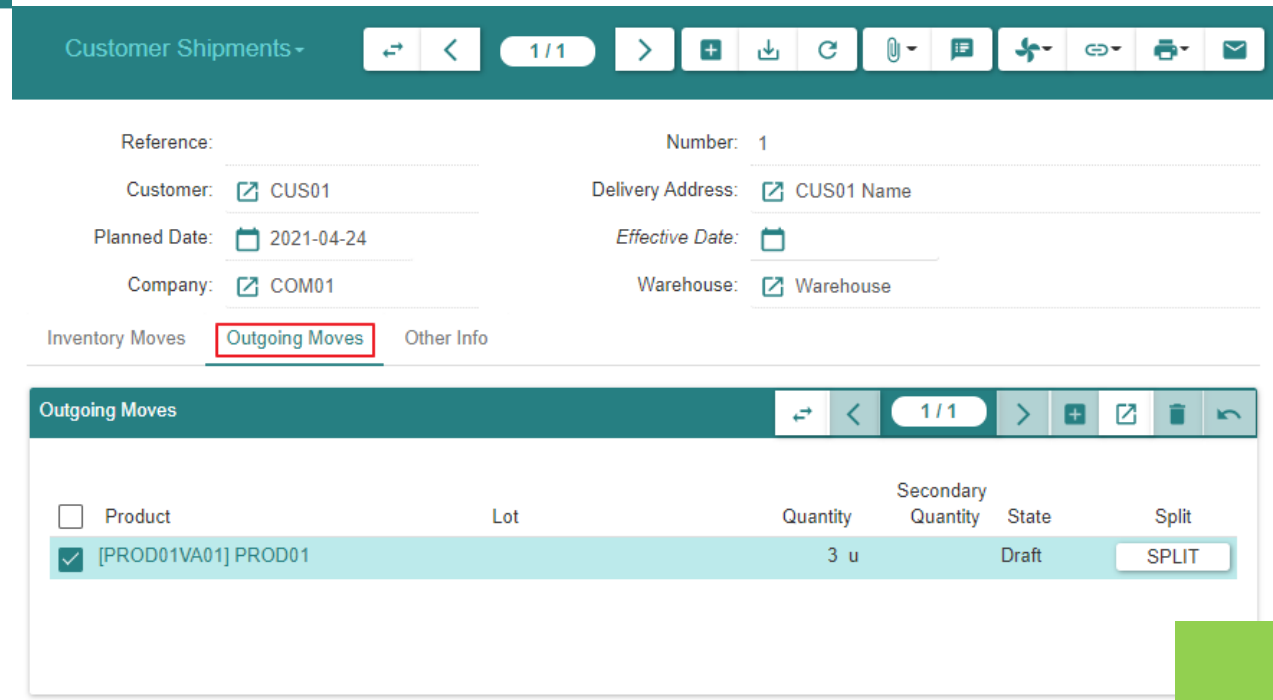
- The « Customer Shipment » is created in state « Waiting », not « Draft »
- Althoug the « Customer Shipment » can be reverted subsequently to state « Draft », it should be noted that its property « Reference » cannot be edited anymore

3 - Customer Shipments | Customer Shipments (CUS01)



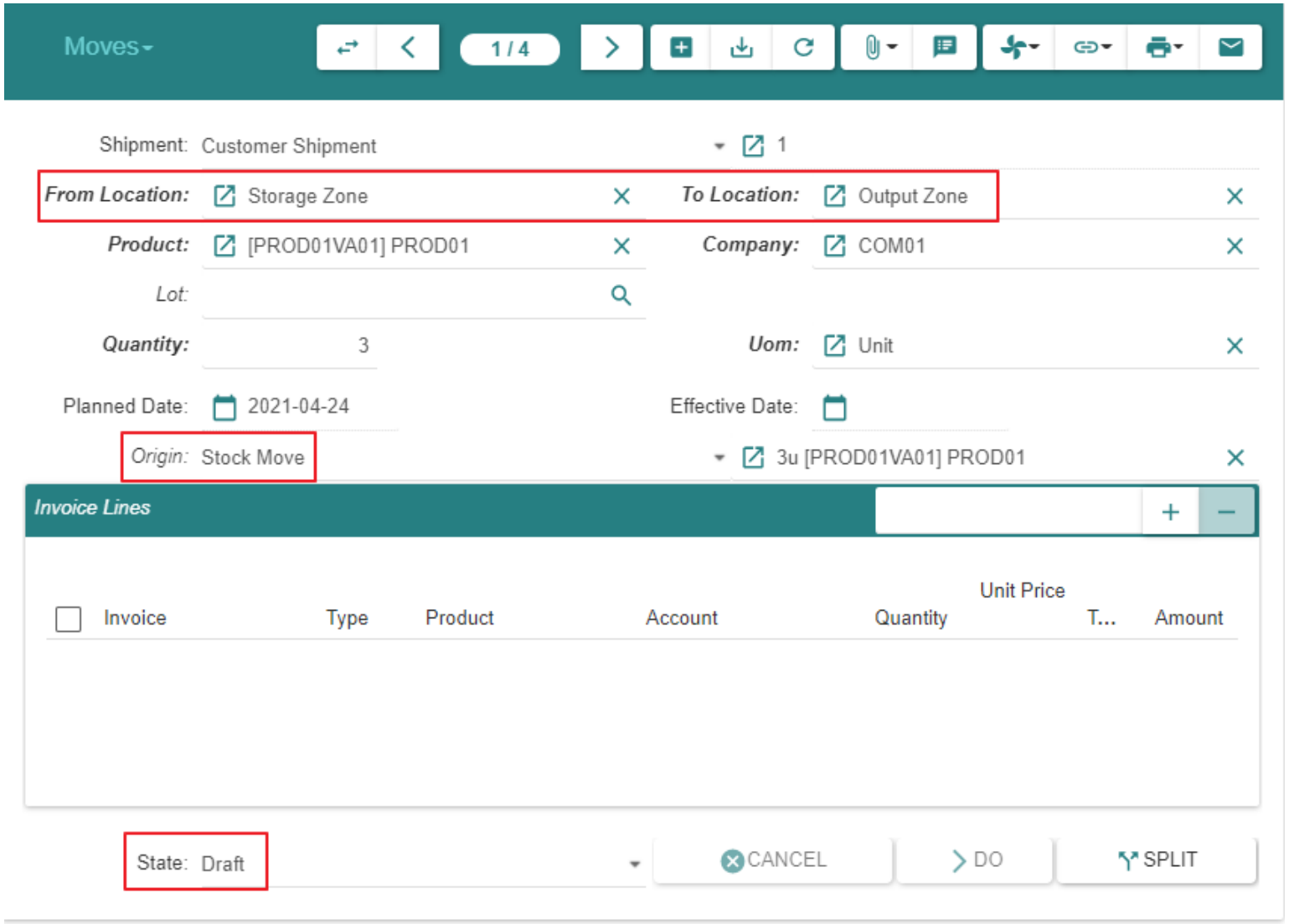


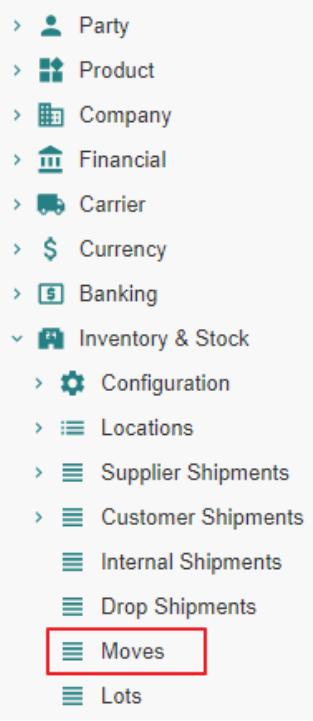




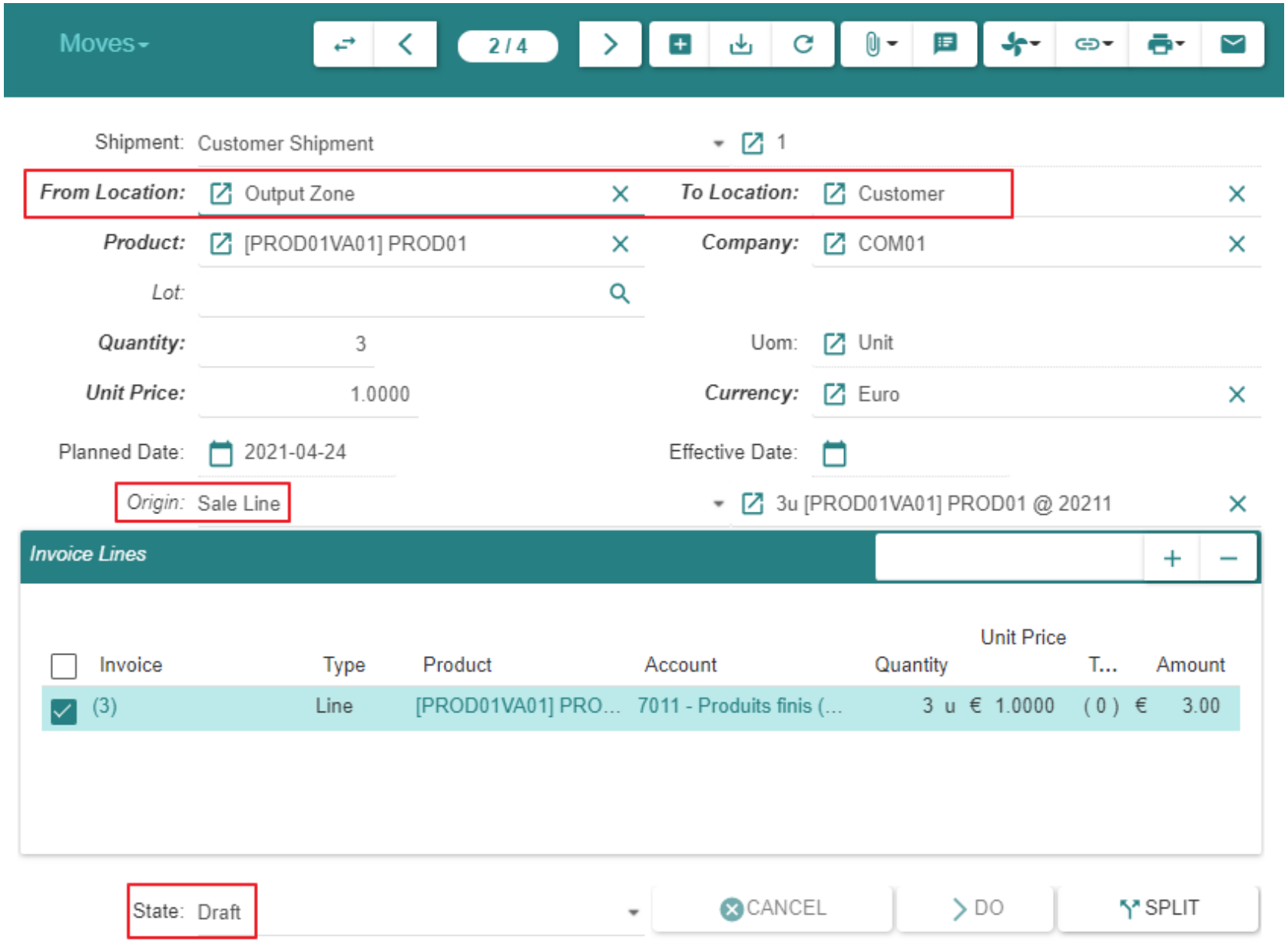
5 - Stock Moves

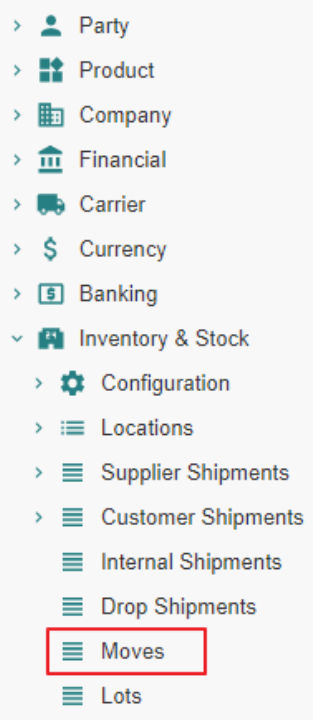
5 - Stock Moves



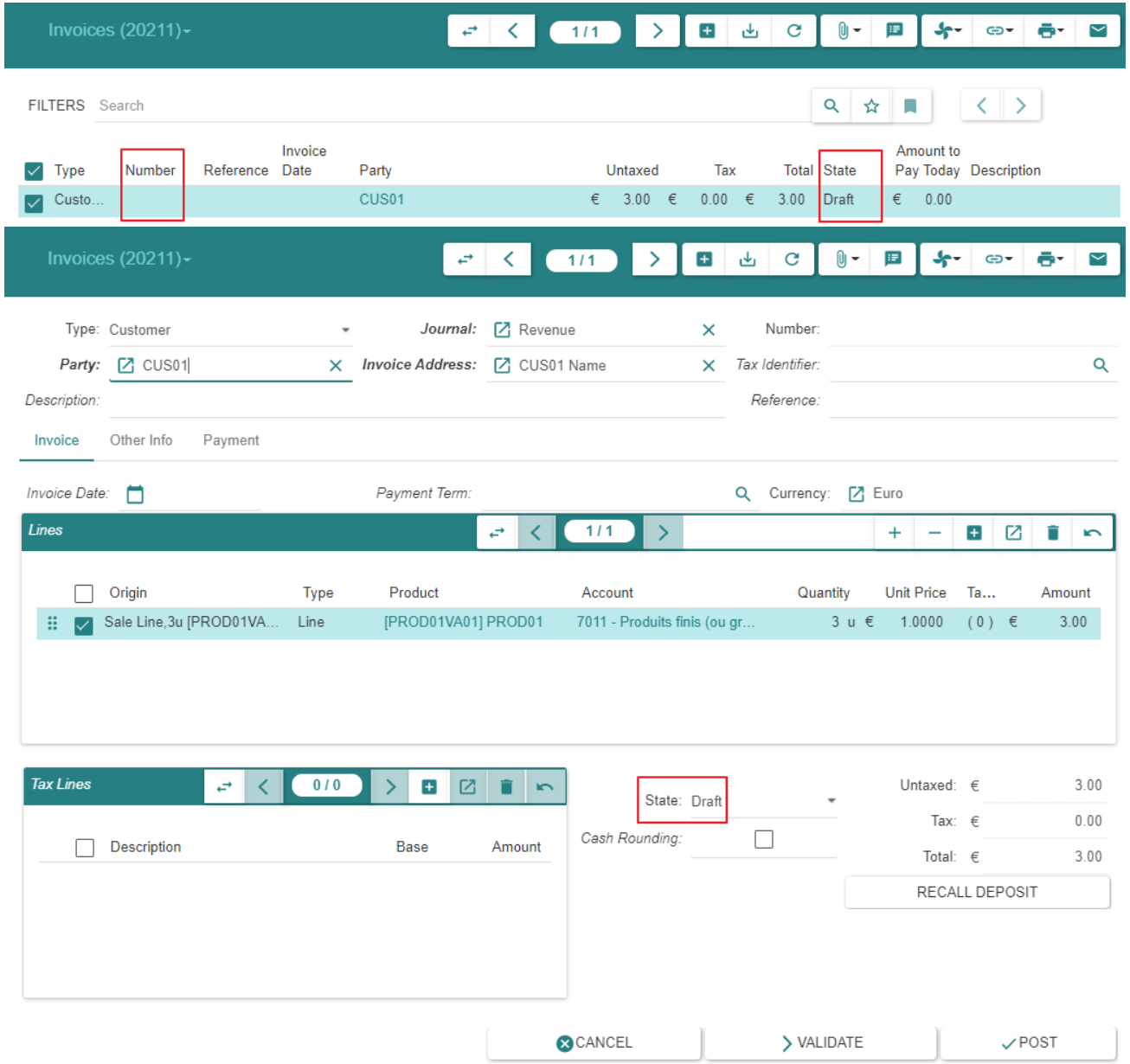


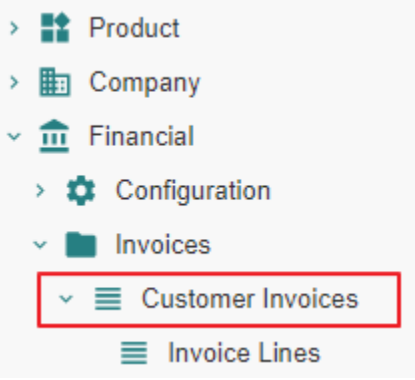
5 - Stock Moves



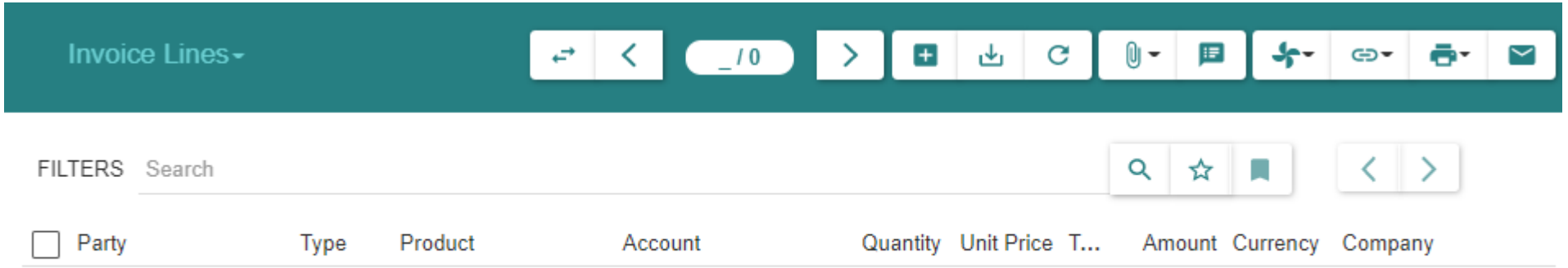


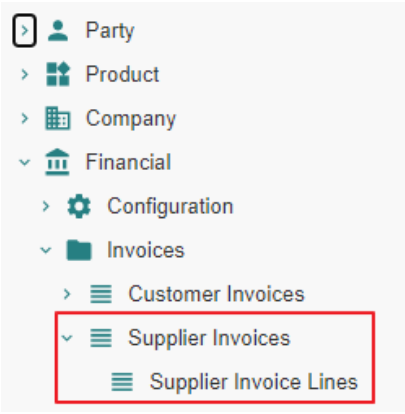
6 - Invoices | Invoices (SUP01)





7 - Invoice Lines





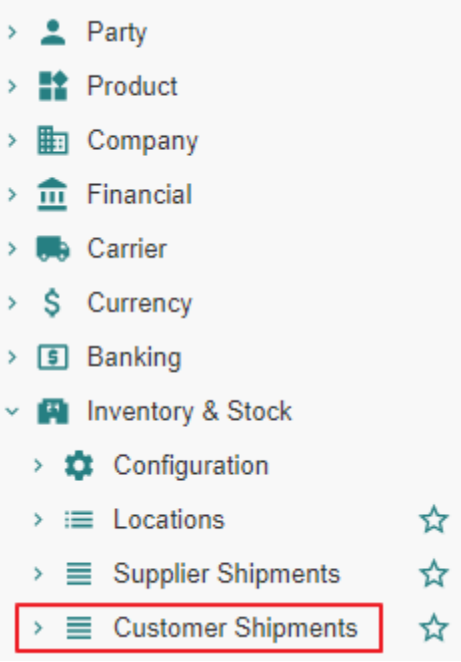
Customer Shipment - State Changes - Actual States

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 :

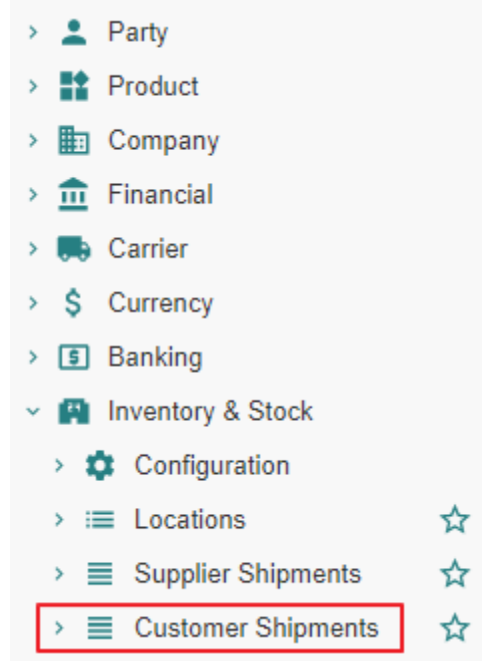
- « Storage Moves » between the warehouse storage location and the warehouse output location
- « Outgoing Moves » between the warehouse output location and the customer location



Customer Shipment
« Nill » To « Draft »

Creation

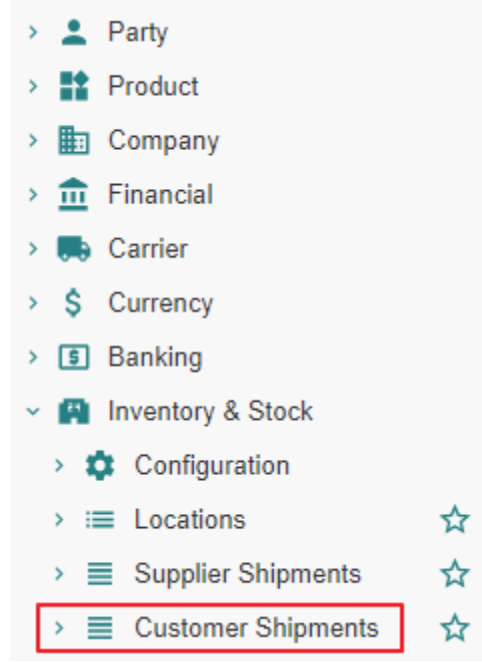
- The « Customer Shipment » is initially created in state « Waiting », not « Draft »
- This occurs when the « Sale » evolves into state « Processing »
- Hence, we do not document the state « Draft » further



Customer Shipment
« Nill » To « Waiting »

Creation

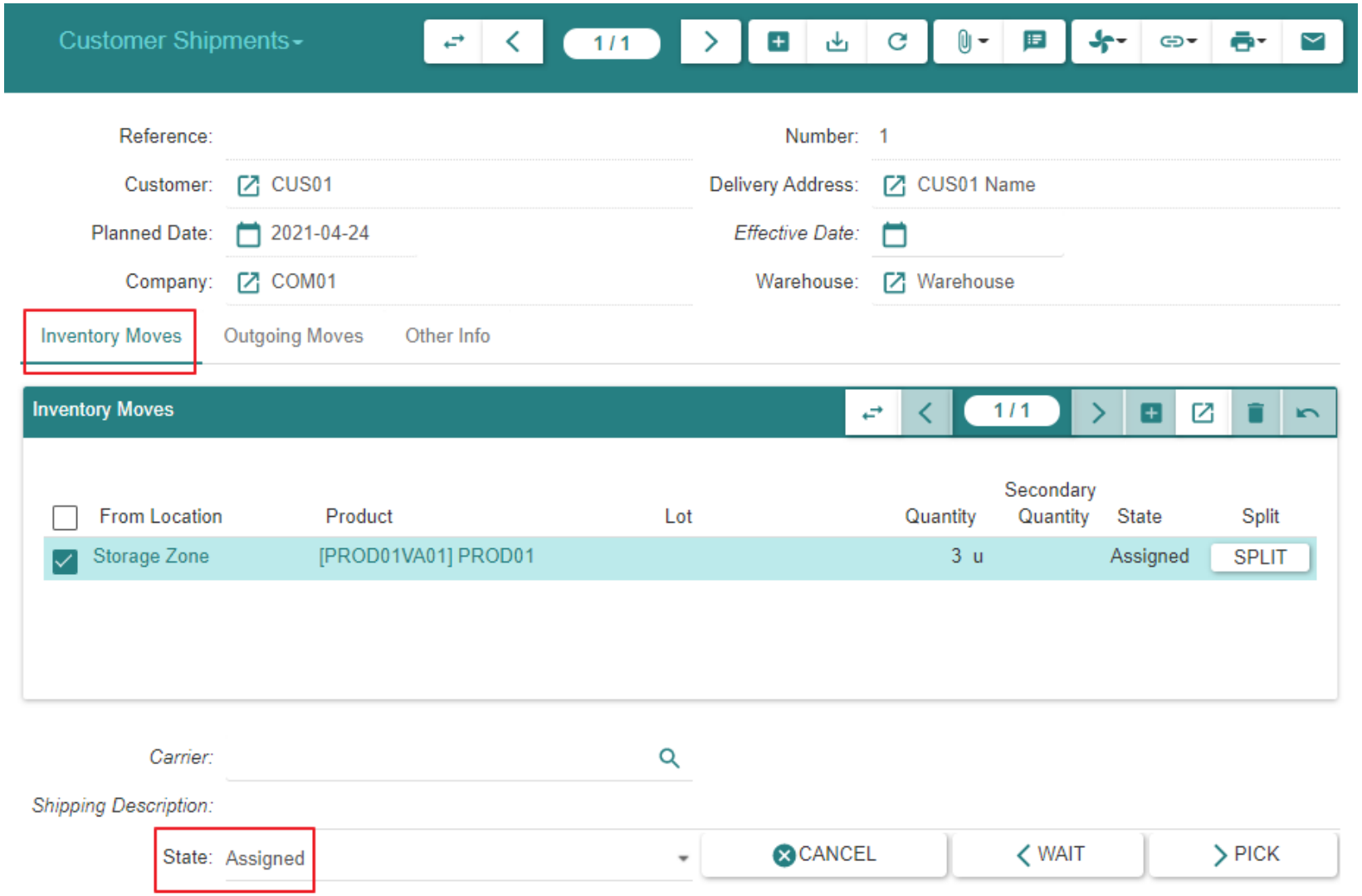
- The « Customer Shipment » is created in state « Waiting »
- This occurs when « Sale » evolves into state « Processing »

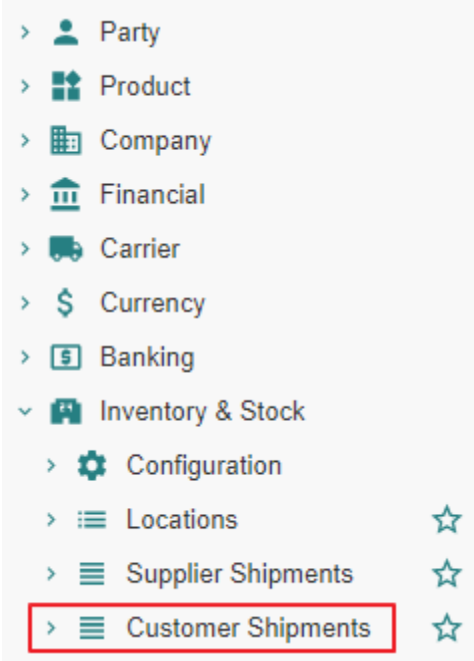


Customer Shipment
« Waiting » To « Assigned »

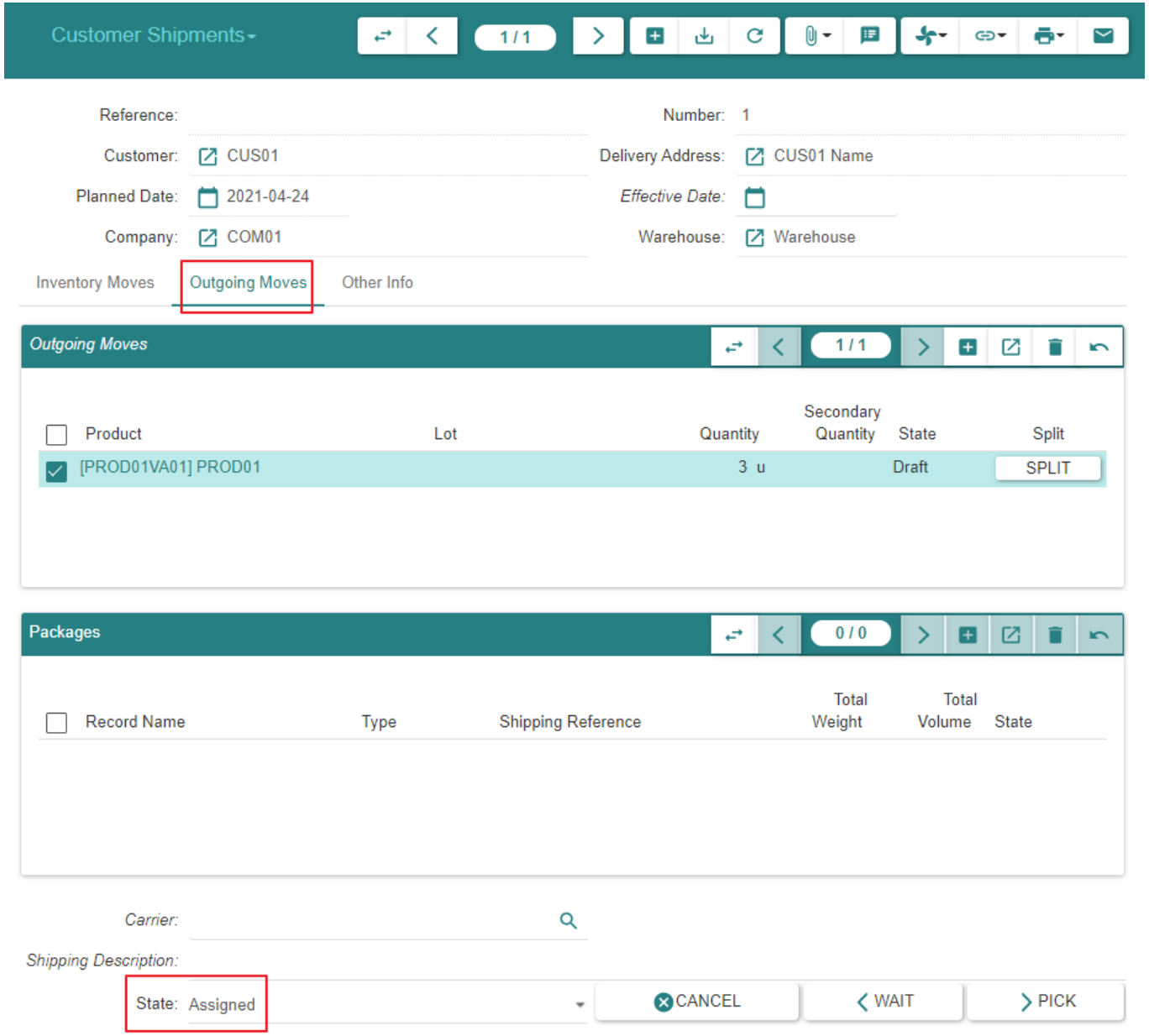
Customer Shipment
From « Waiting » To « Assigned »
Action

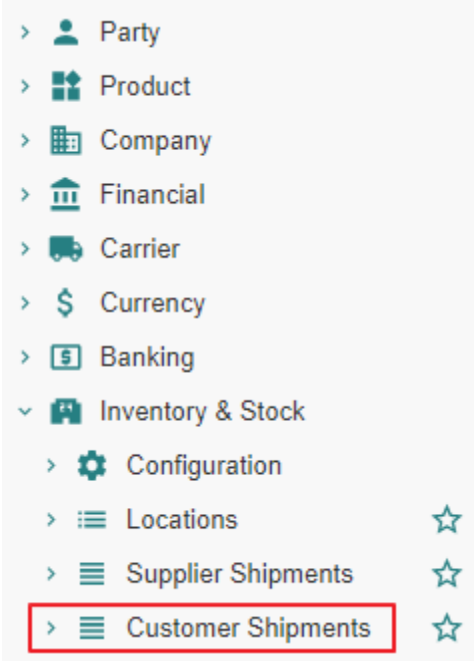
Customer Shipments - Inventory Moves





Customer Shipments - Outgoing Moves





Customer Shipment
From « Waiting » To « Assigned »
Impact

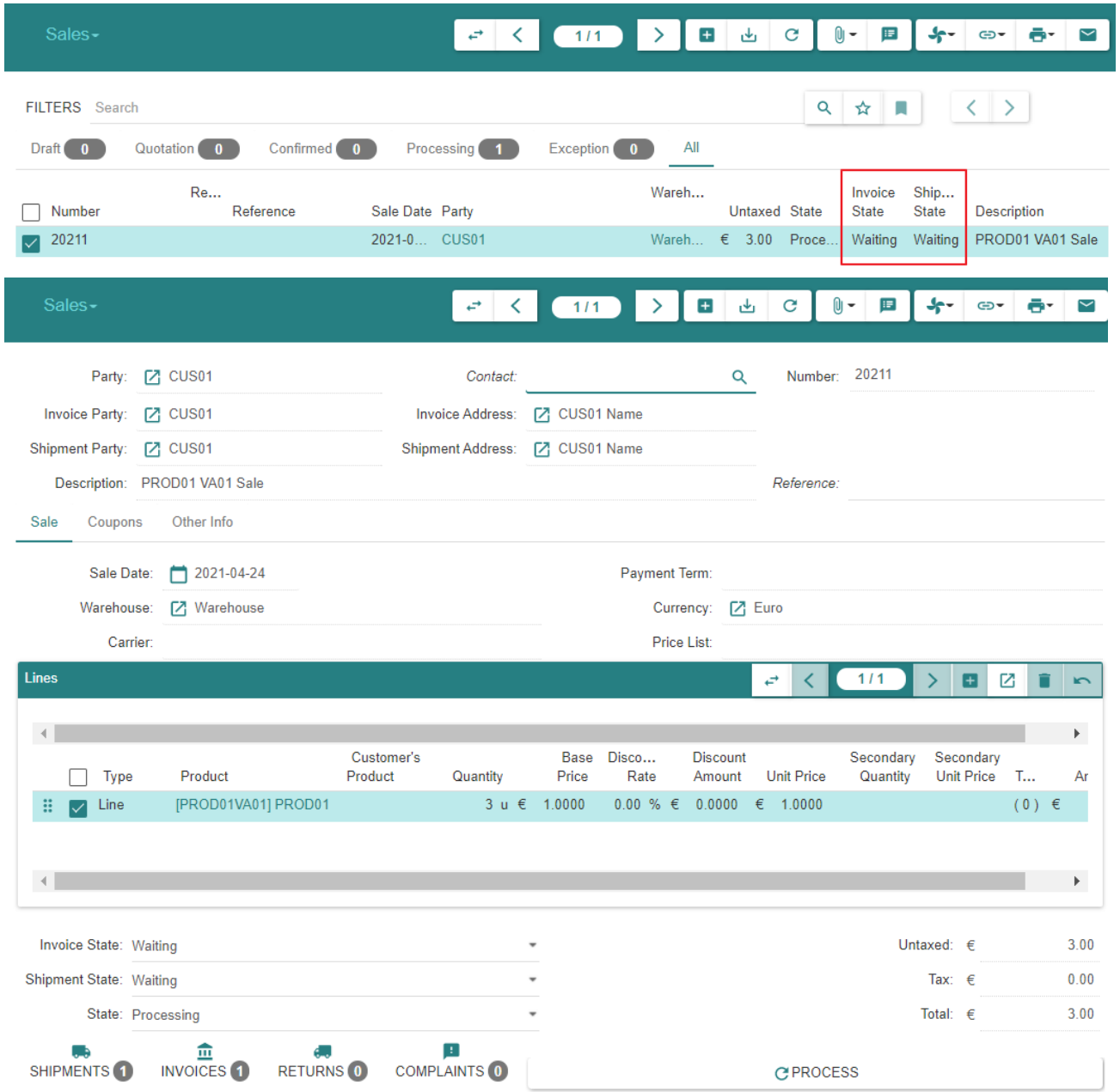
Customer Shipment - From « Waiting » To « Assigned »

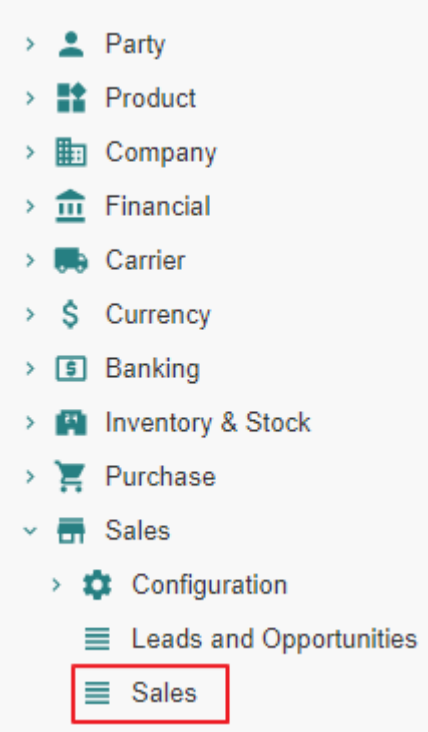
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Assigned	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	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)

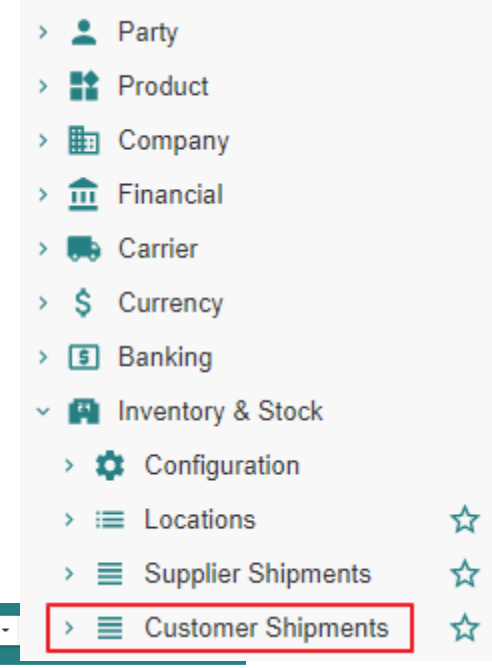


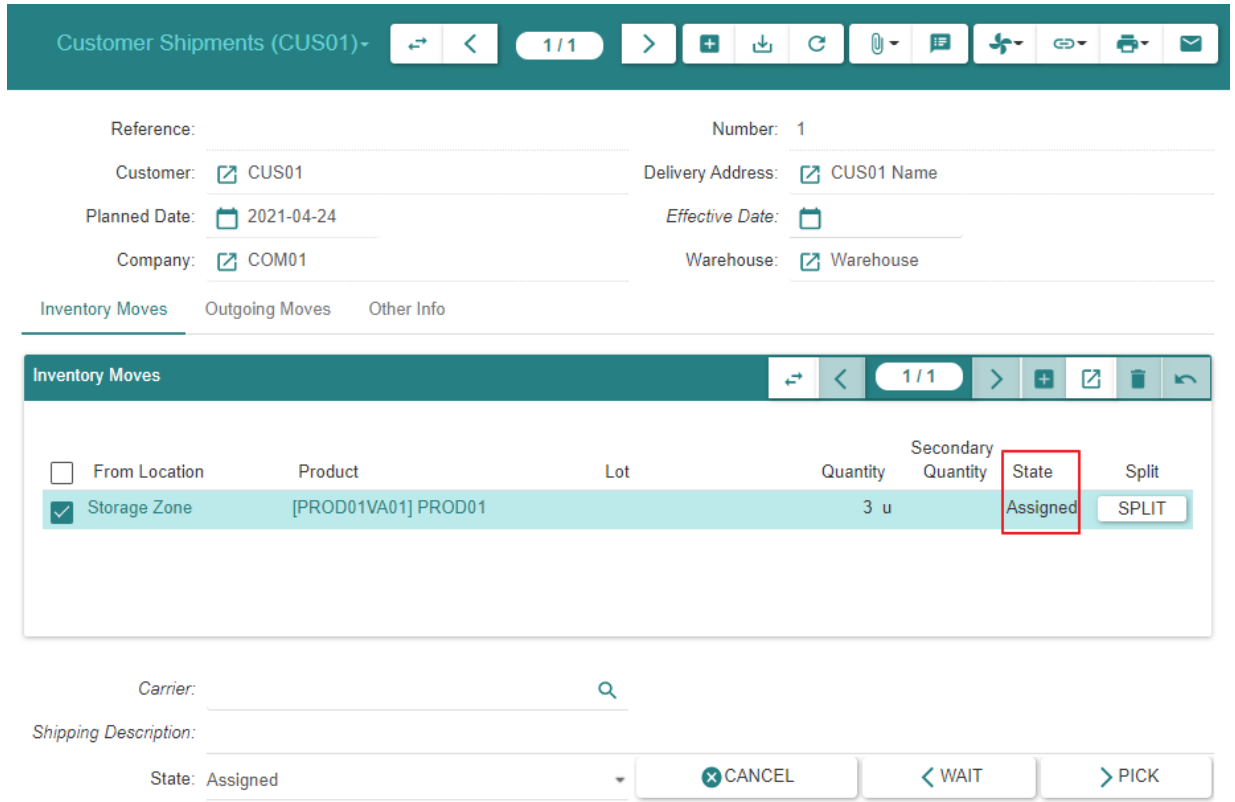


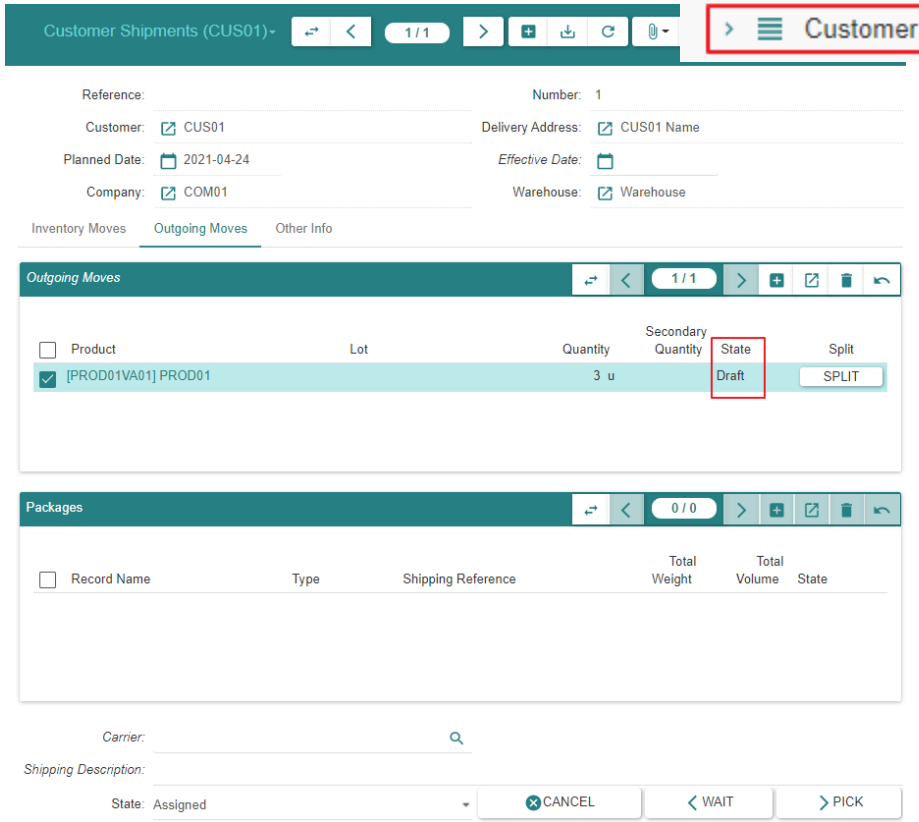
3 - Customer Shipments | Customer Shipments (CUS01)

FILTERS State: !Done;Cancelled

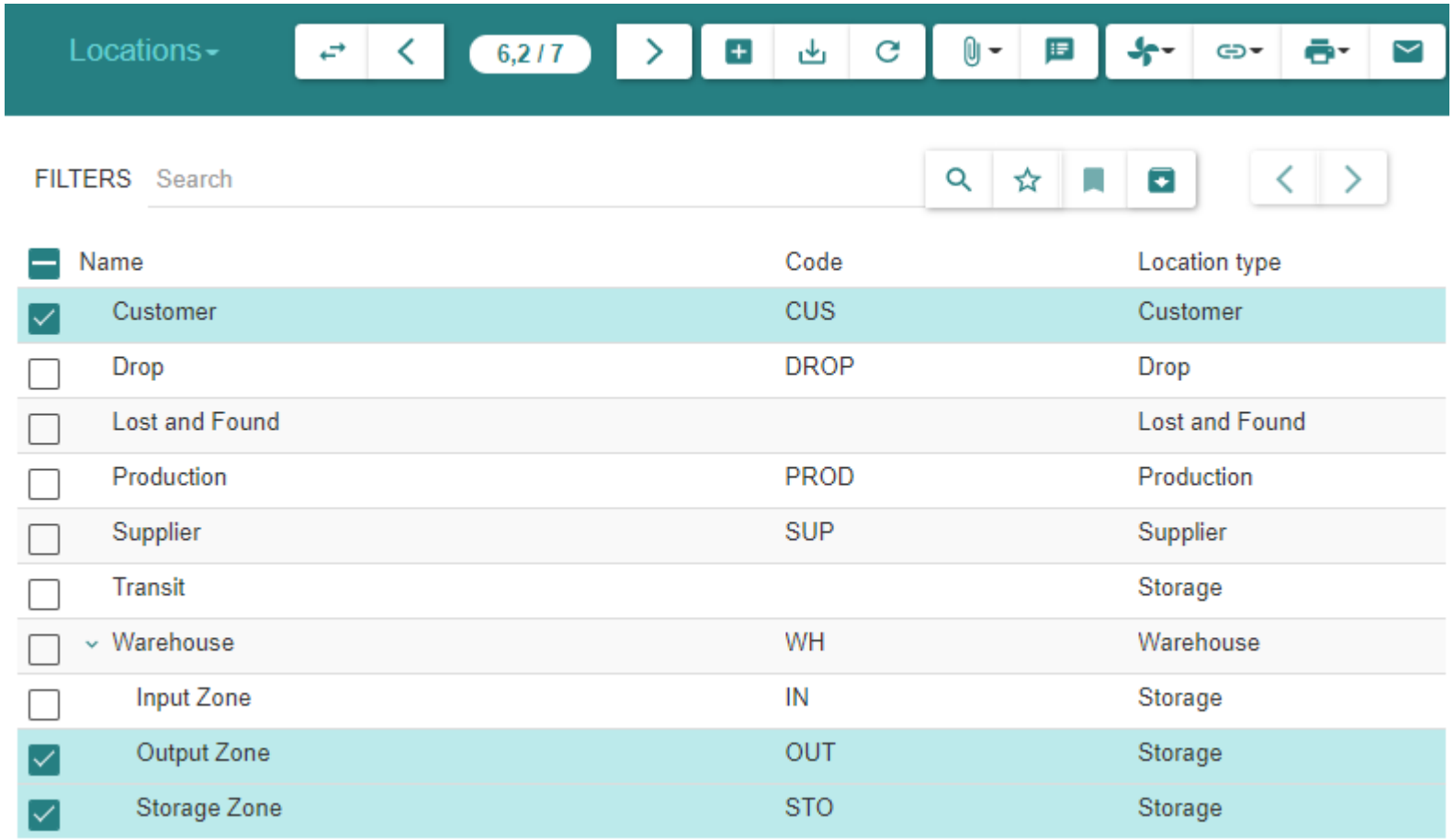
Number	Reference	Planned Date	Effective Date	Delivery Address	Weight	Volume	State
1		2021-04-24		CUS01 Name			Assigned

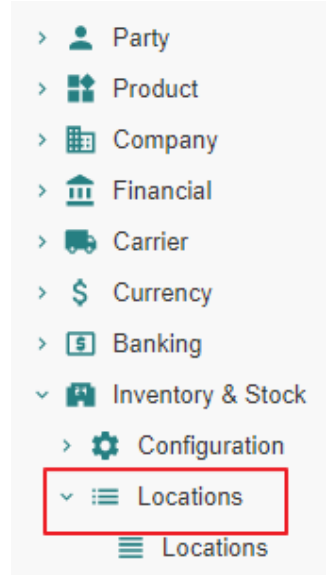




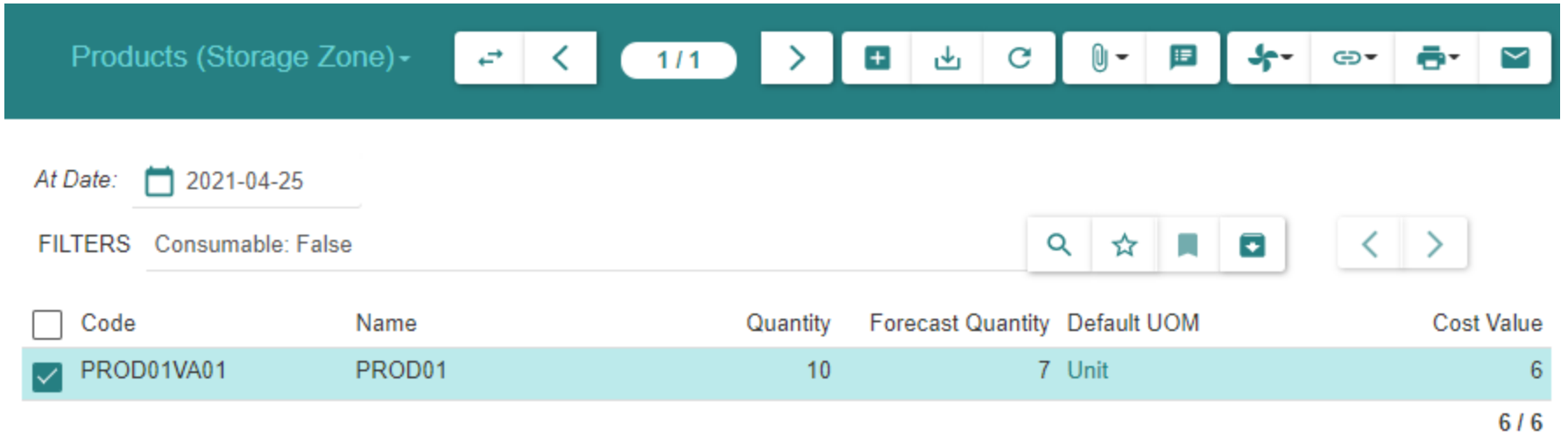


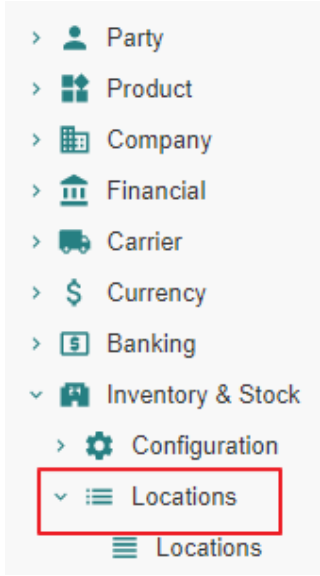
4 - Stock Locations



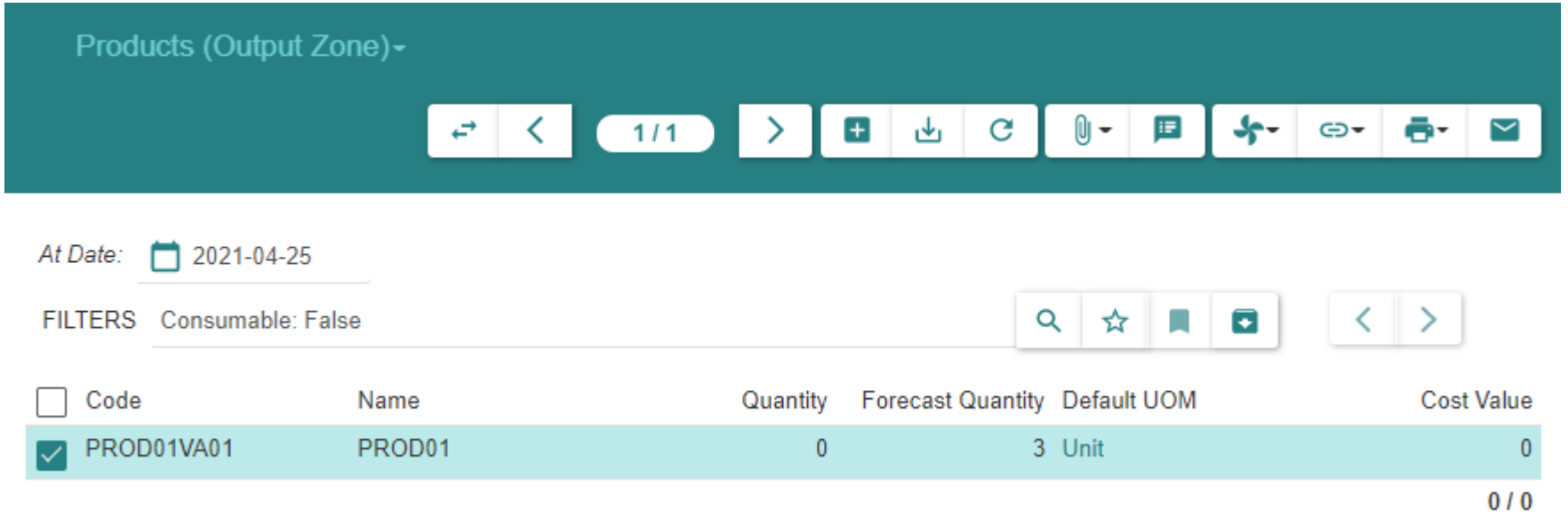


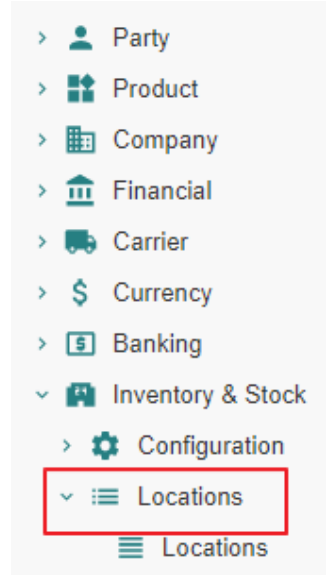
4 - Stock Locations - Storage Zone



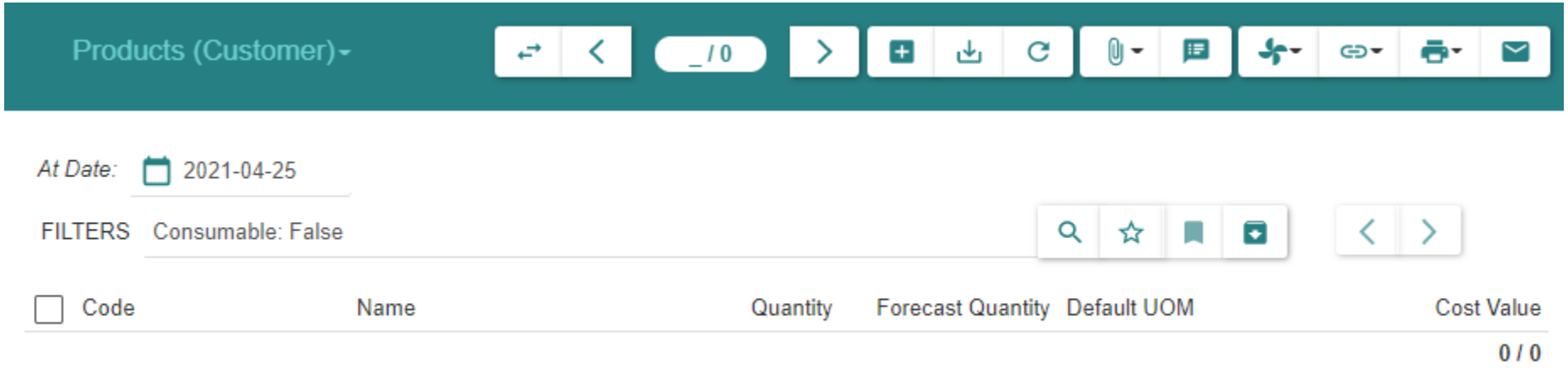


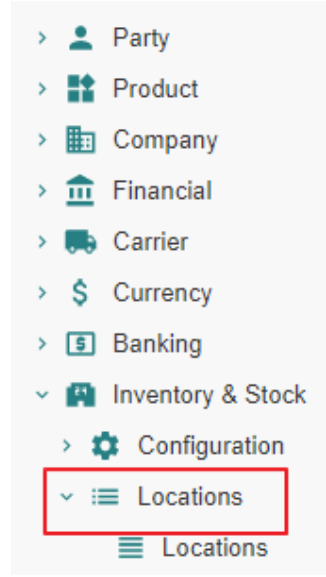
4 - Stock Locations - Output Zone



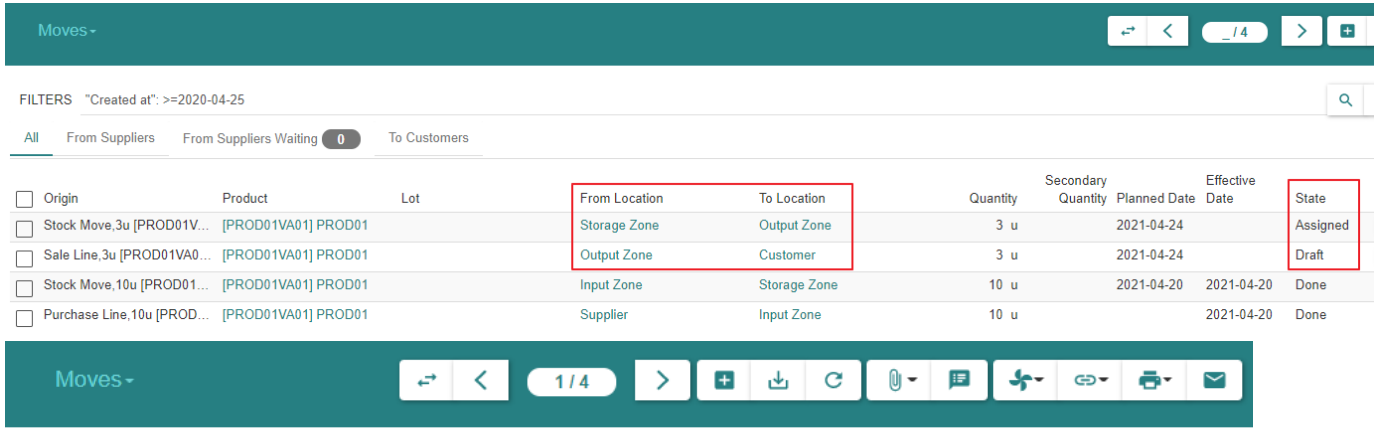


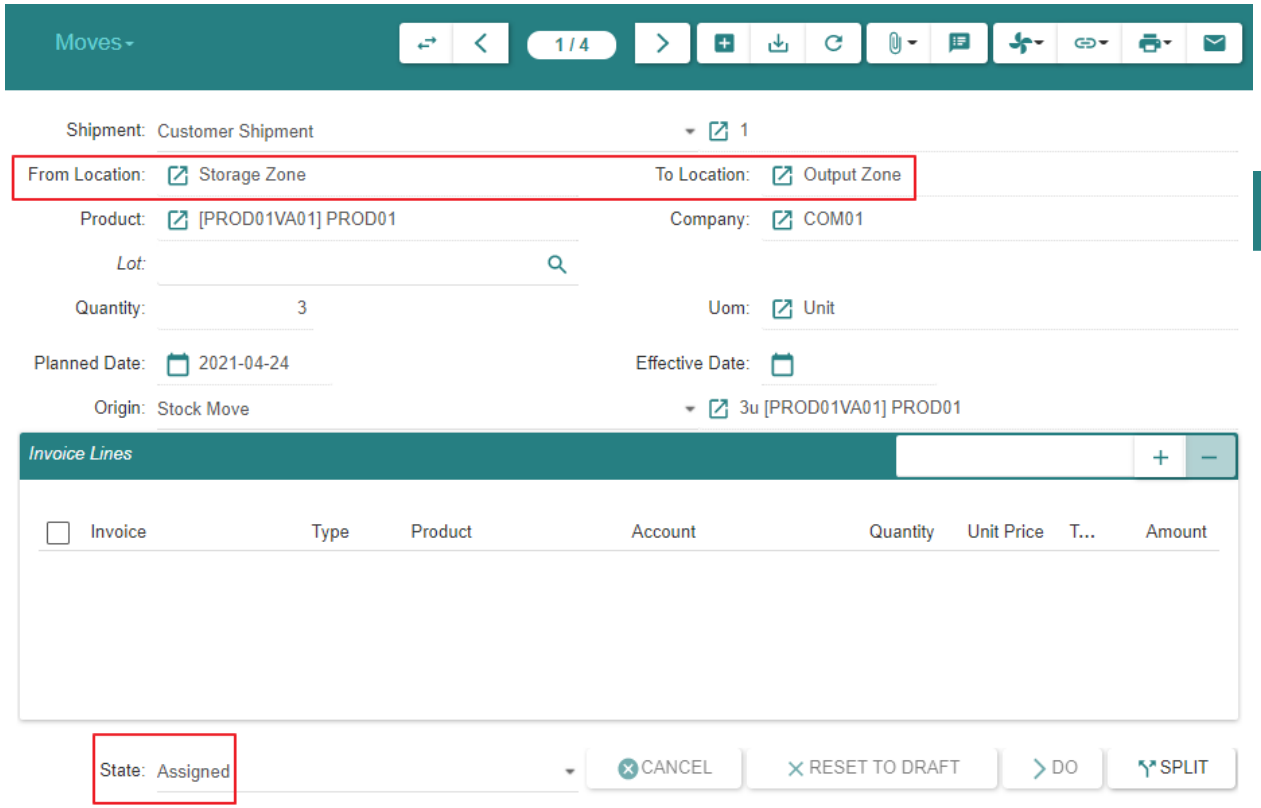
4 - Stock Locations - Customer

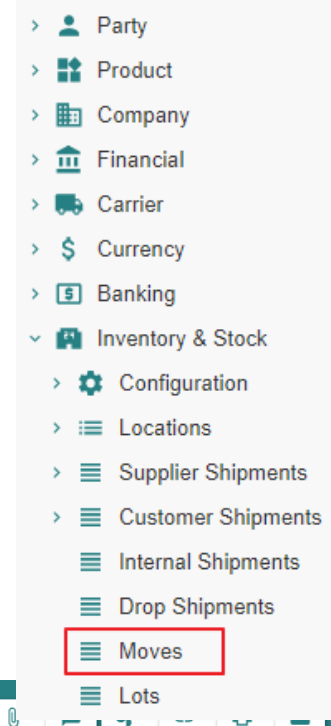


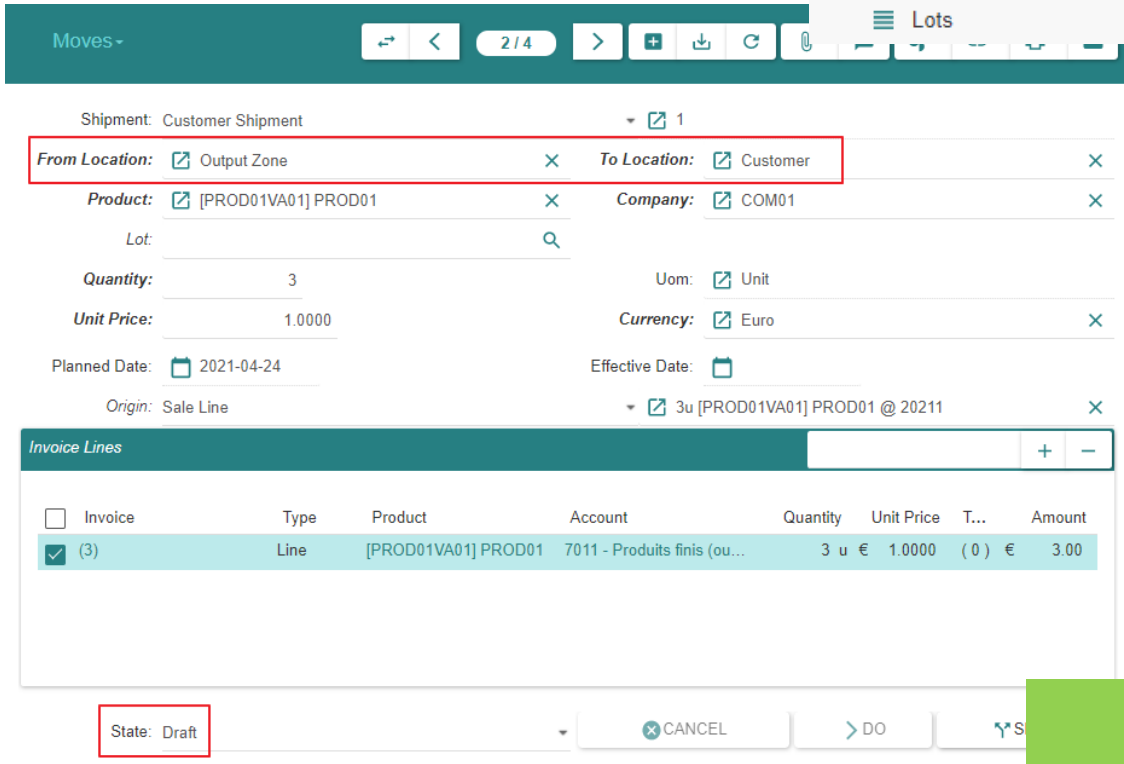


5 - Stock Moves





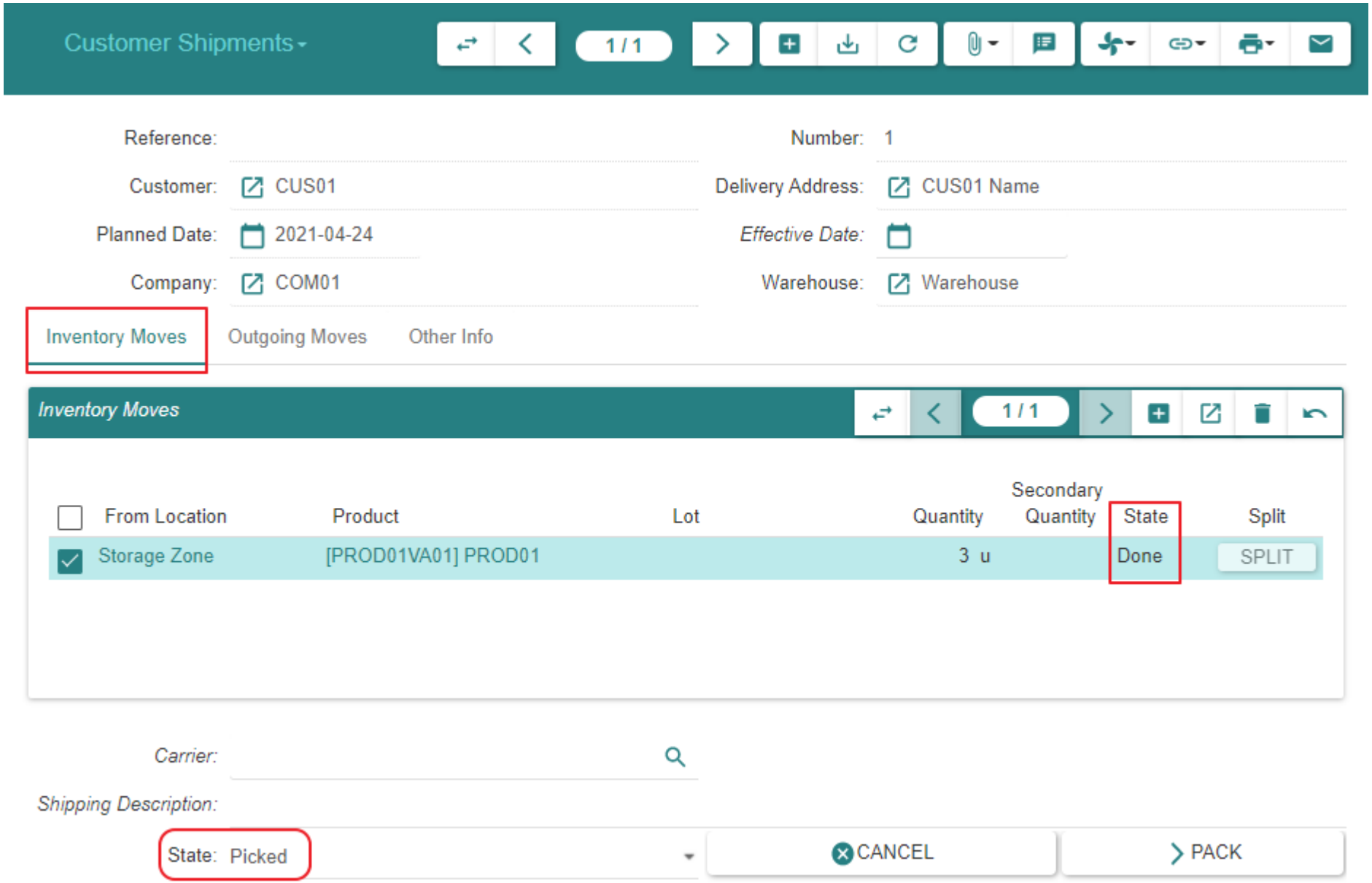


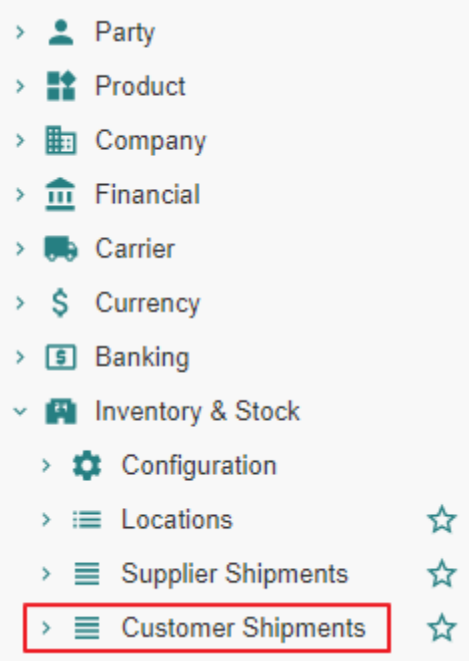


Customer Shipment
From « Assigned » to « Picked »

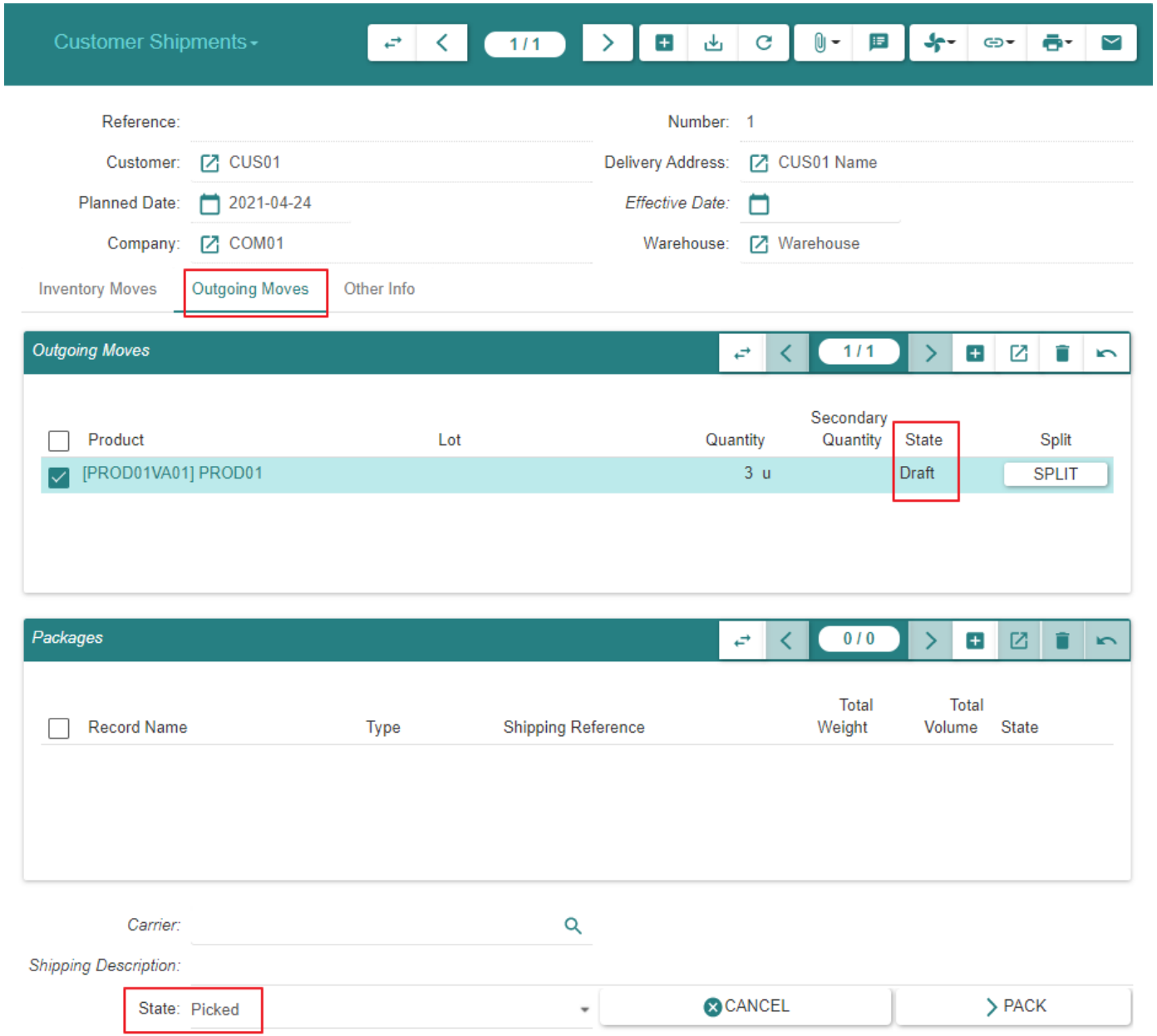
Customer Shipment
From « Assigned » to « Picked »
Action

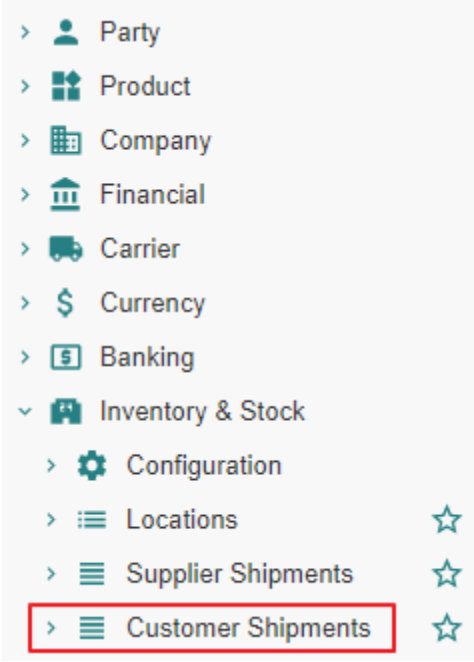
Customer Shipments - Inventory Moves





Customer Shipments - Outgoing Moves





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		

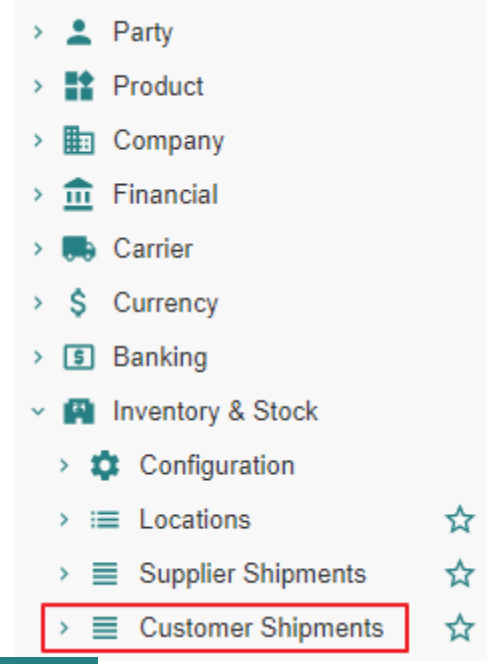
Customer Shipment - From « Assigned » To « Picked »

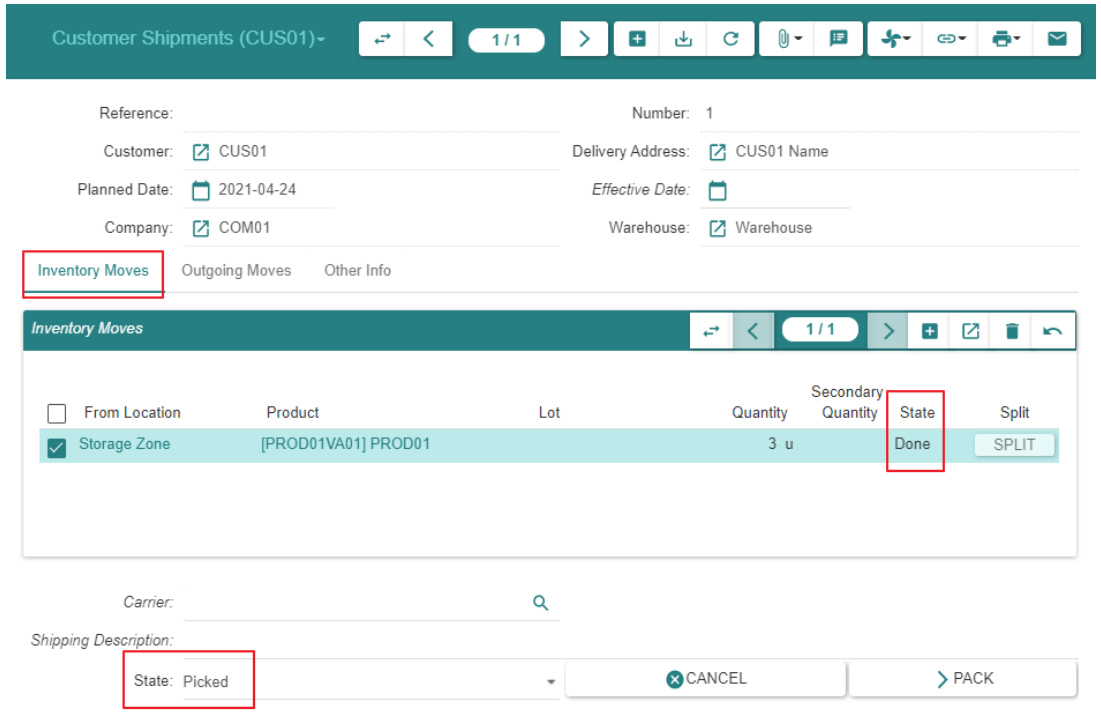
		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

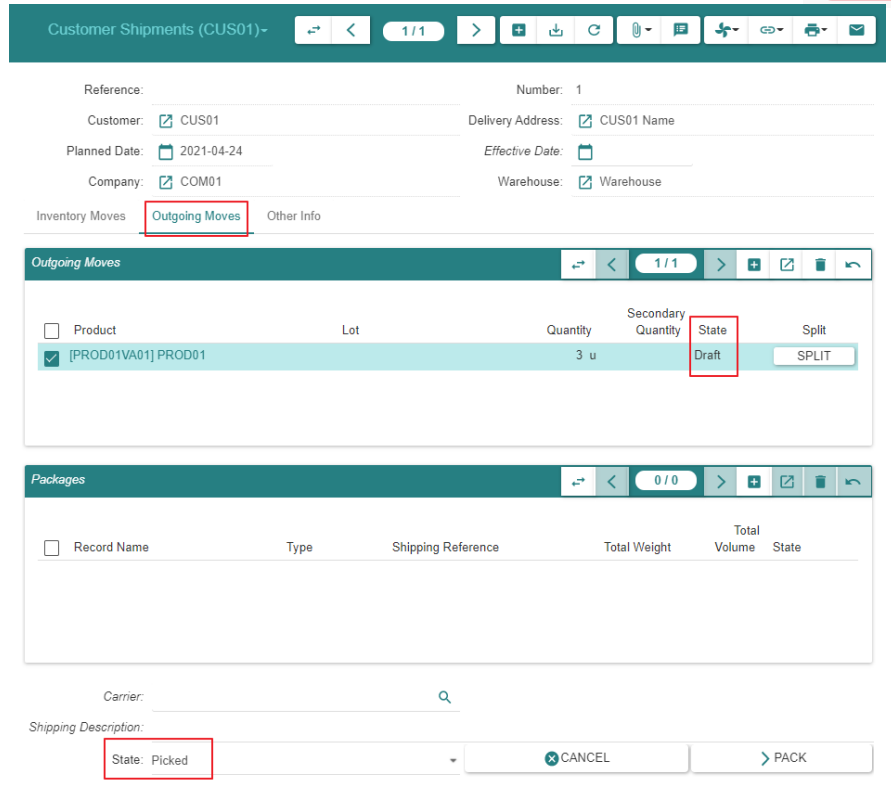
3 - Customer Shipments | Customer Shipments (CUS01)

FILTERS State: !Done;Cancelled

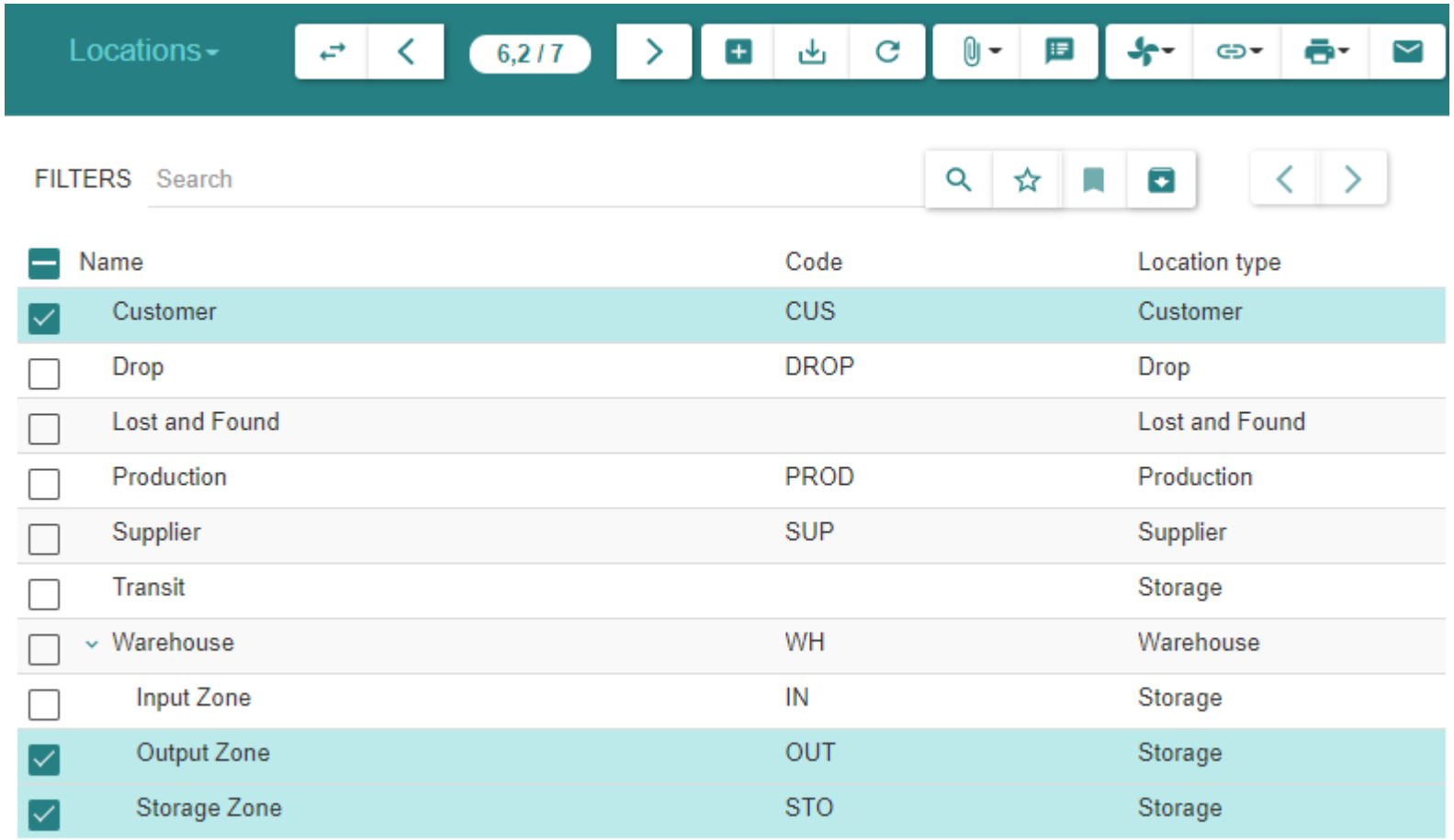
Number	Reference	Planned Date	Effective Date	Delivery Address	Weight	Volume	State
1		2021-04-24		CUS01 Name			Picked

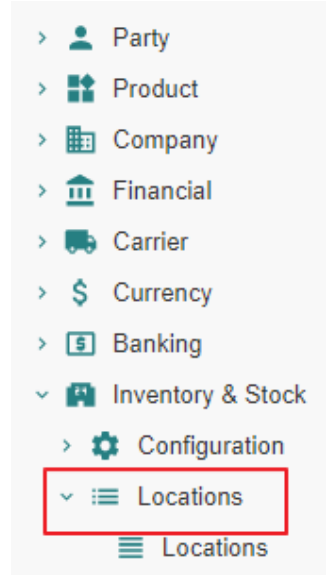




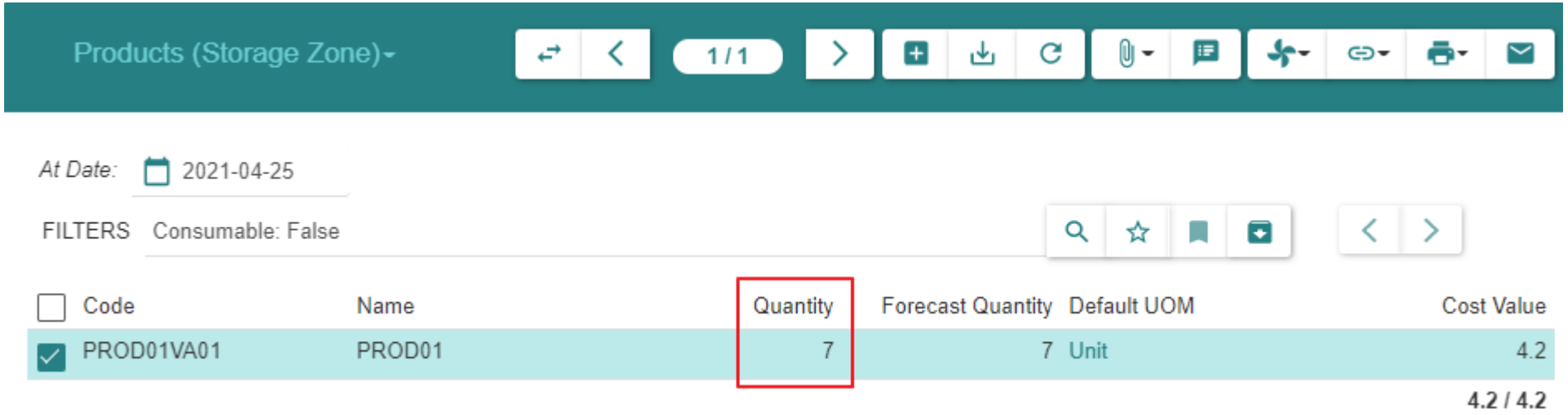


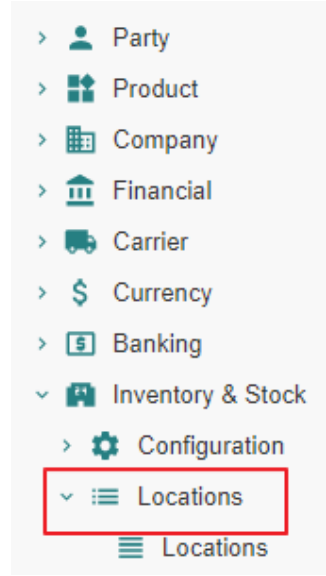
4 - Stock Locations



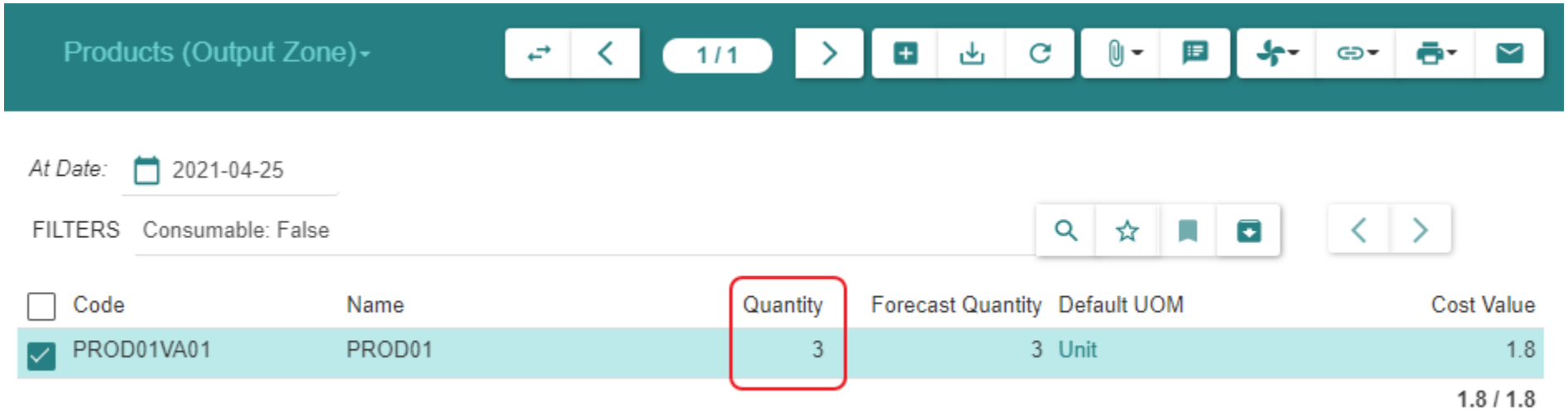


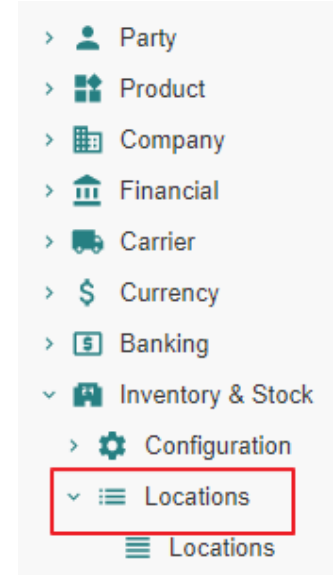
4 - Stock Locations - Storage Zone



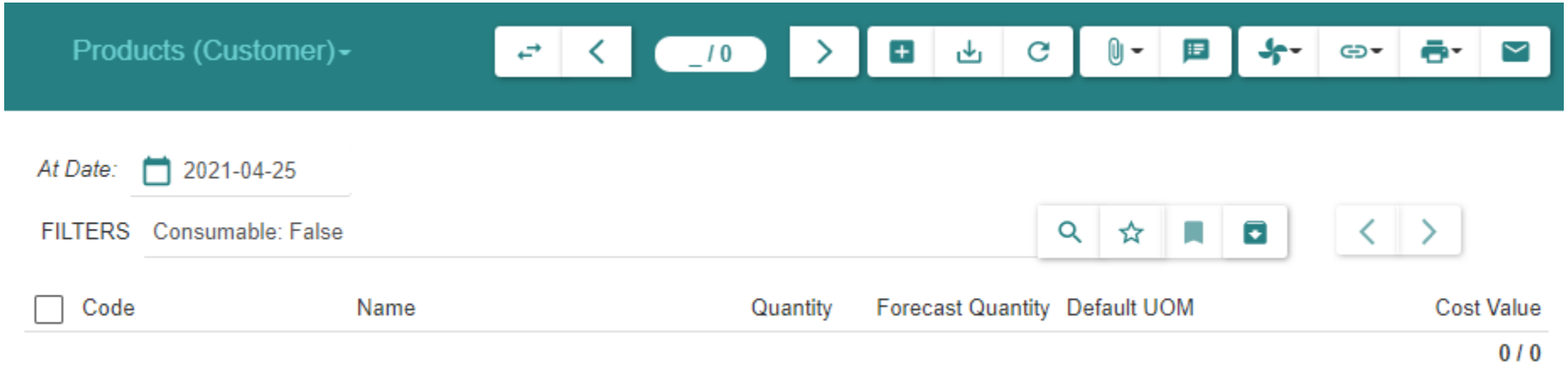


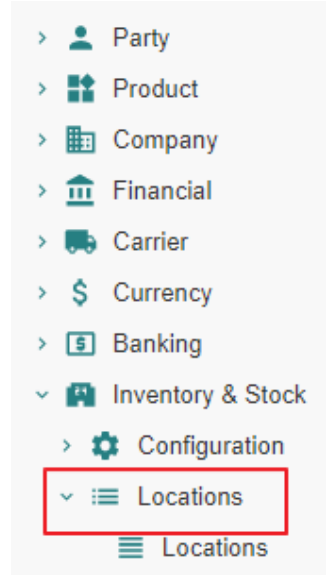
4 - Stock Locations - Output Zone



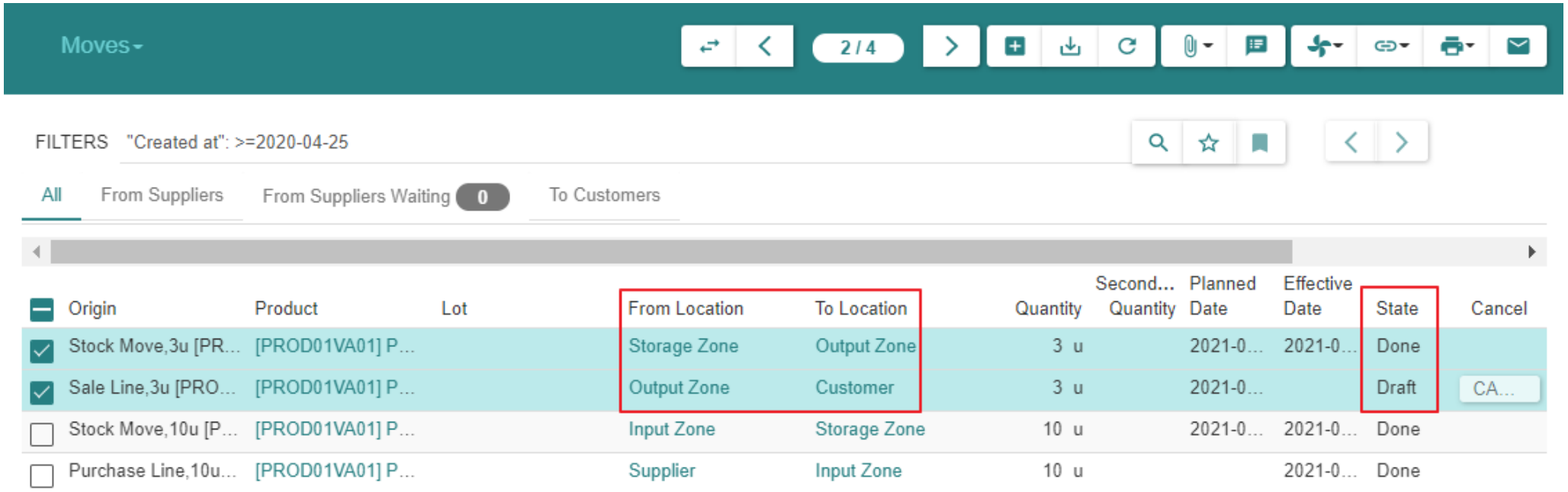


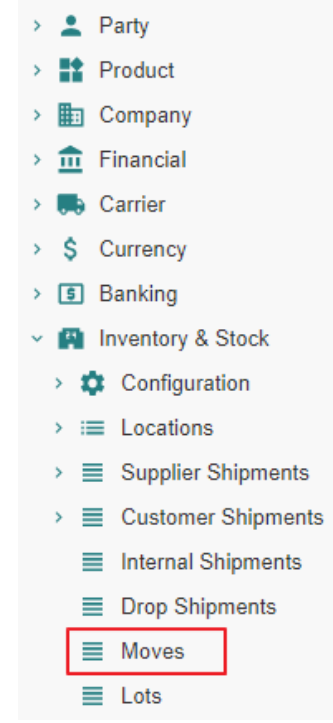
4 - Stock Locations - Customer





5 - Stock Moves

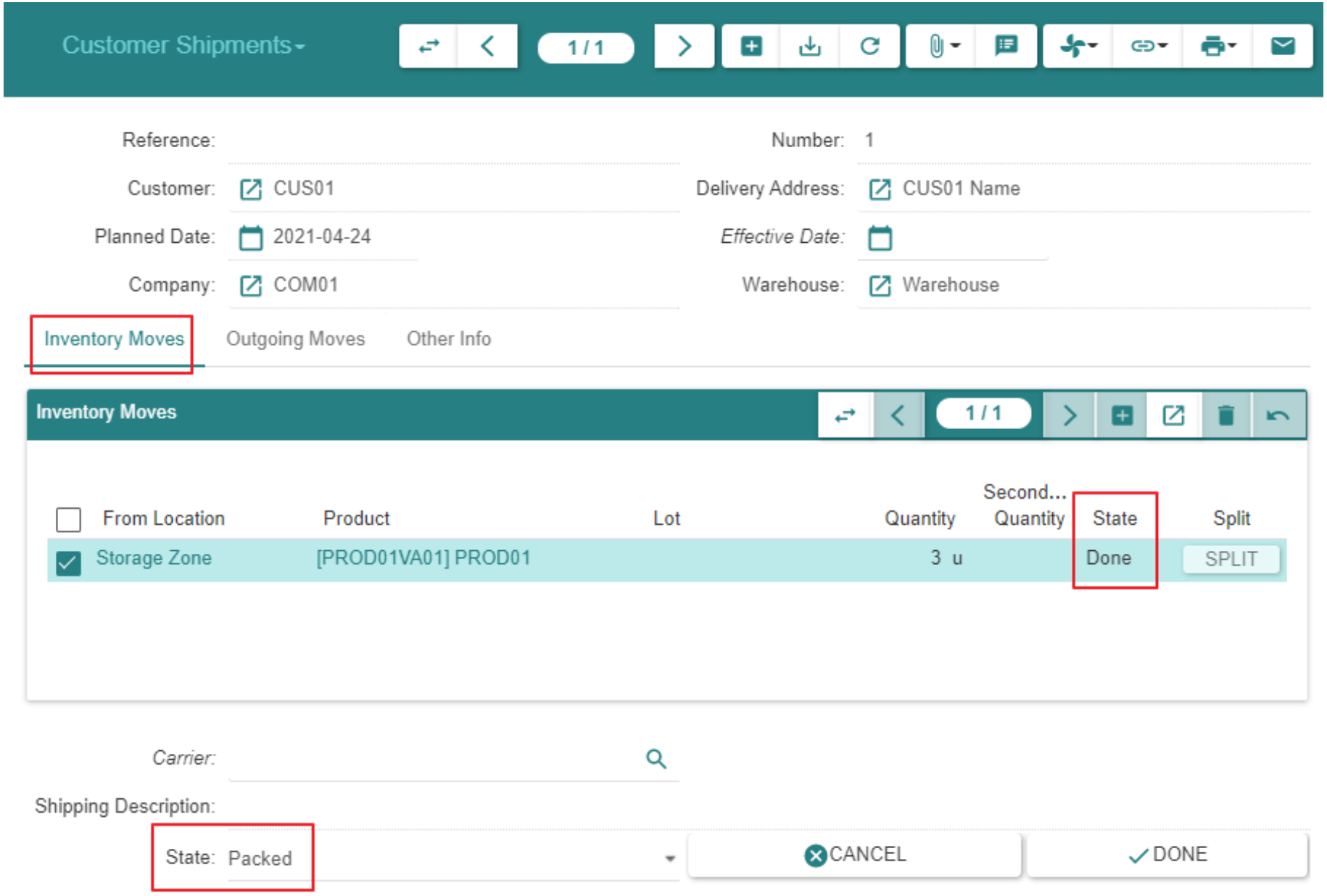


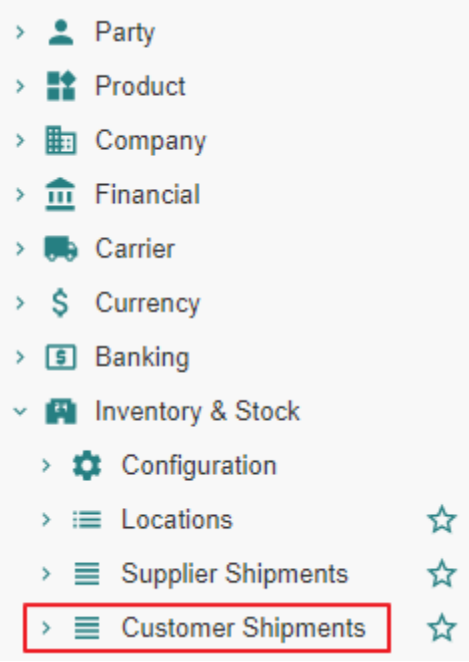


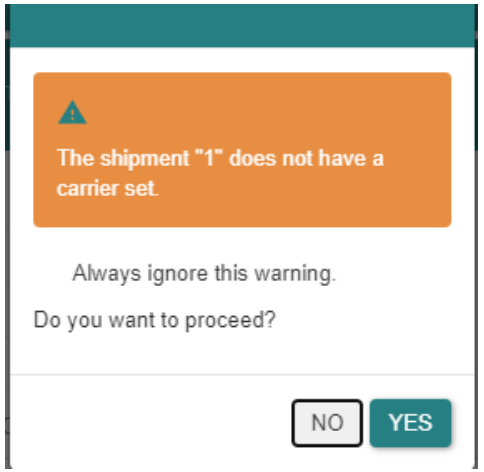
Customer Shipment
From « Picked » to « Packed »

Customer Shipment
From « Picked » to « Packed »
Action

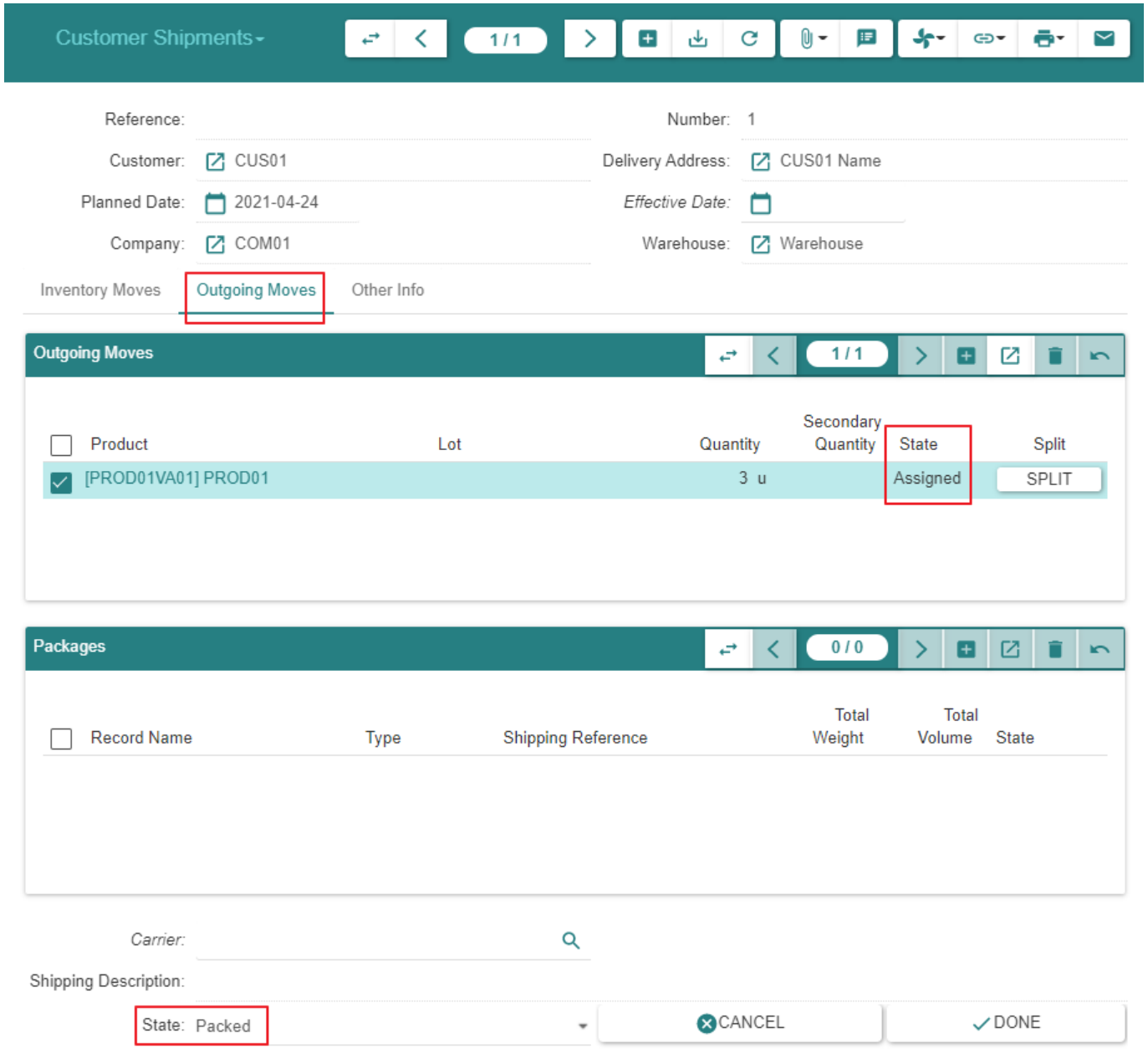
Customer Shipments - Inventory Moves

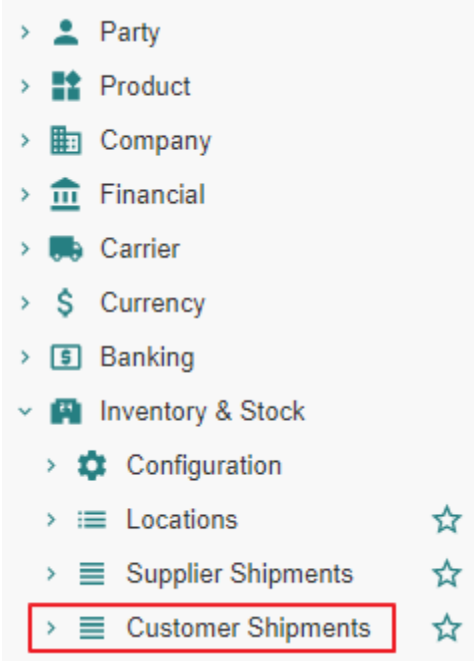






Customer Shipments - Outgoing Moves





Customer Shipment
From « Picked » to « Packed »
Impact

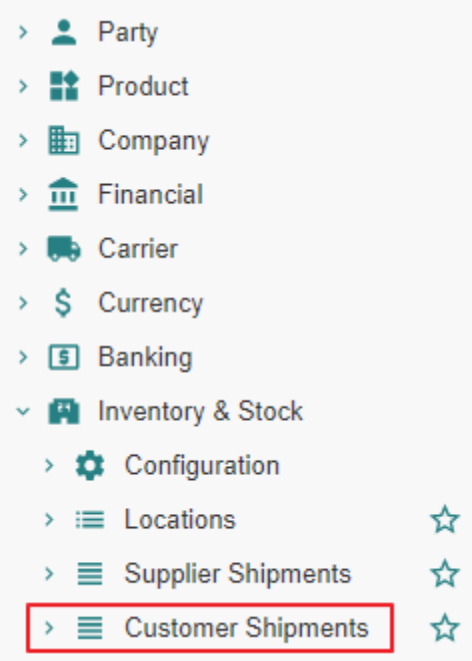
Customer Shipment - From « Picked » To « Packed »

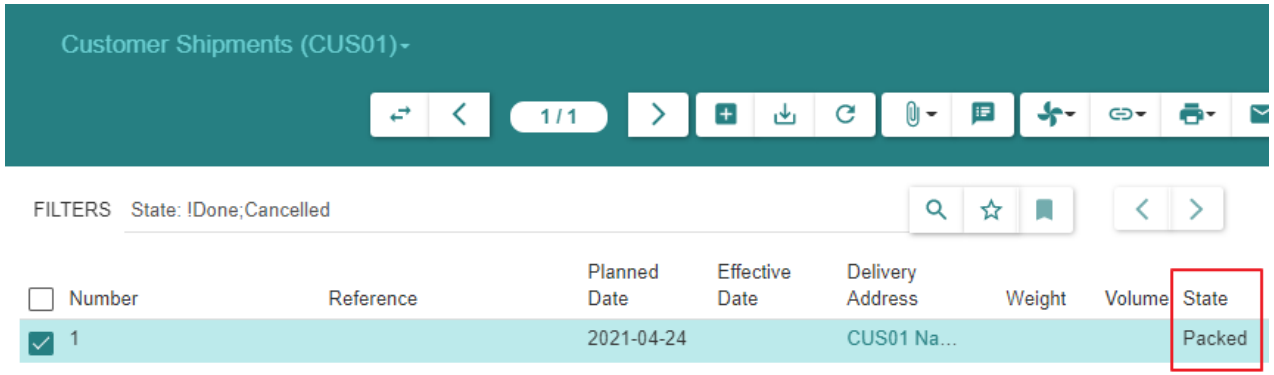
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Packed	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [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		

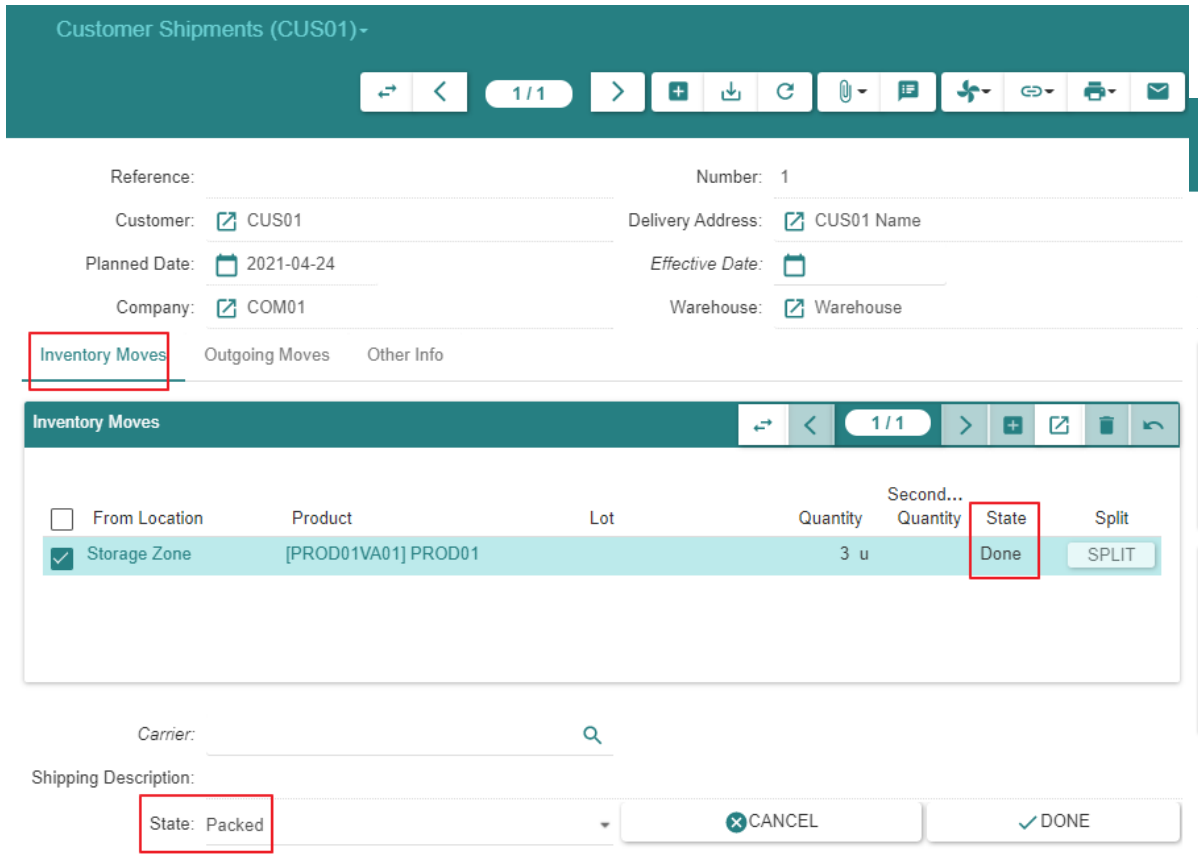
Customer Shipment - From « Picked » To « Packed »

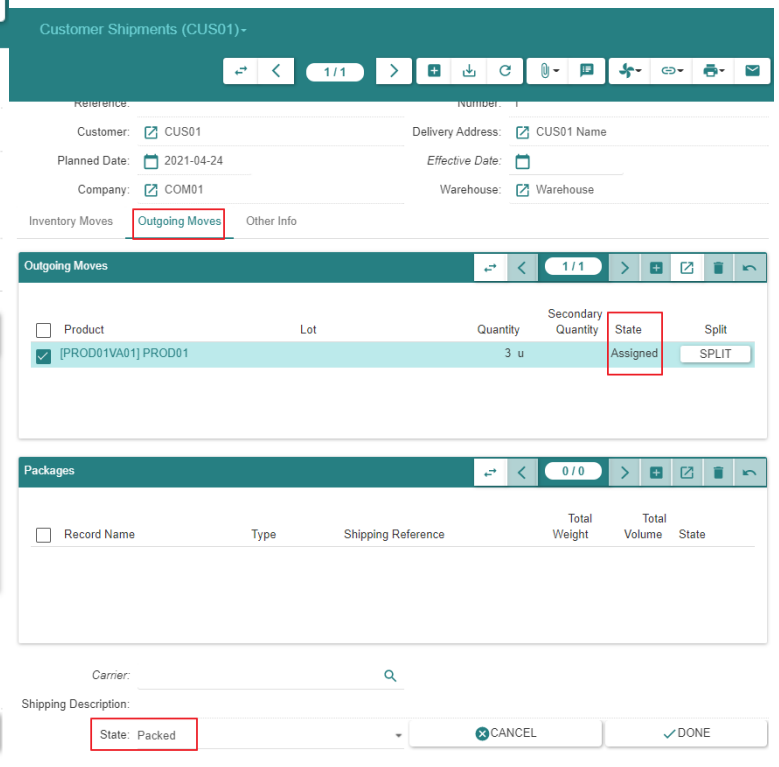
		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

3 - Customer Shipments | Customer Shipments (CUS01)

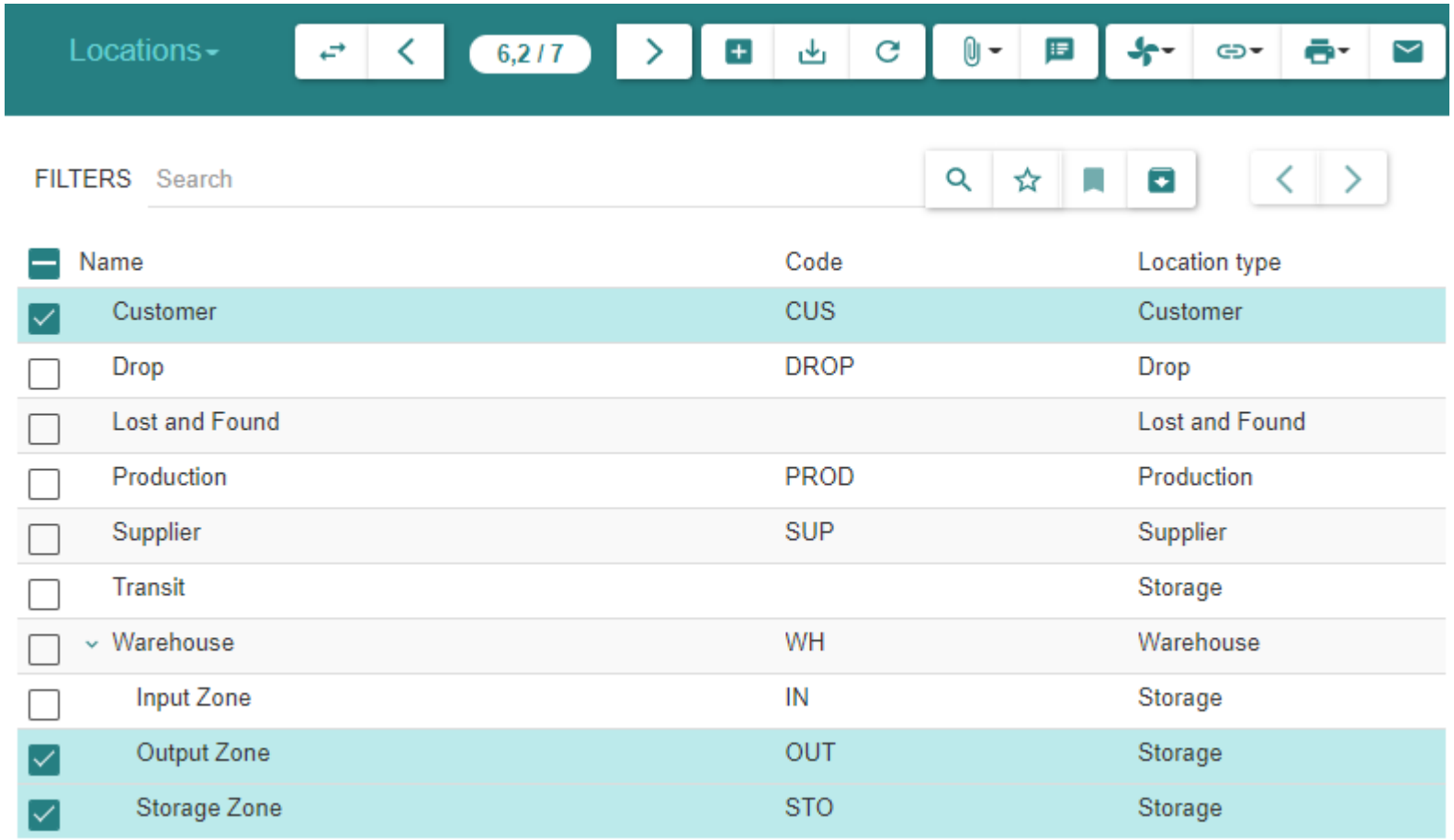


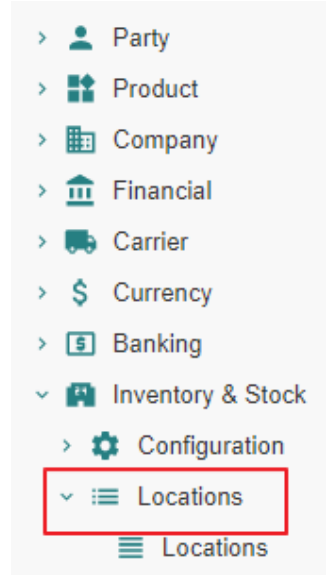




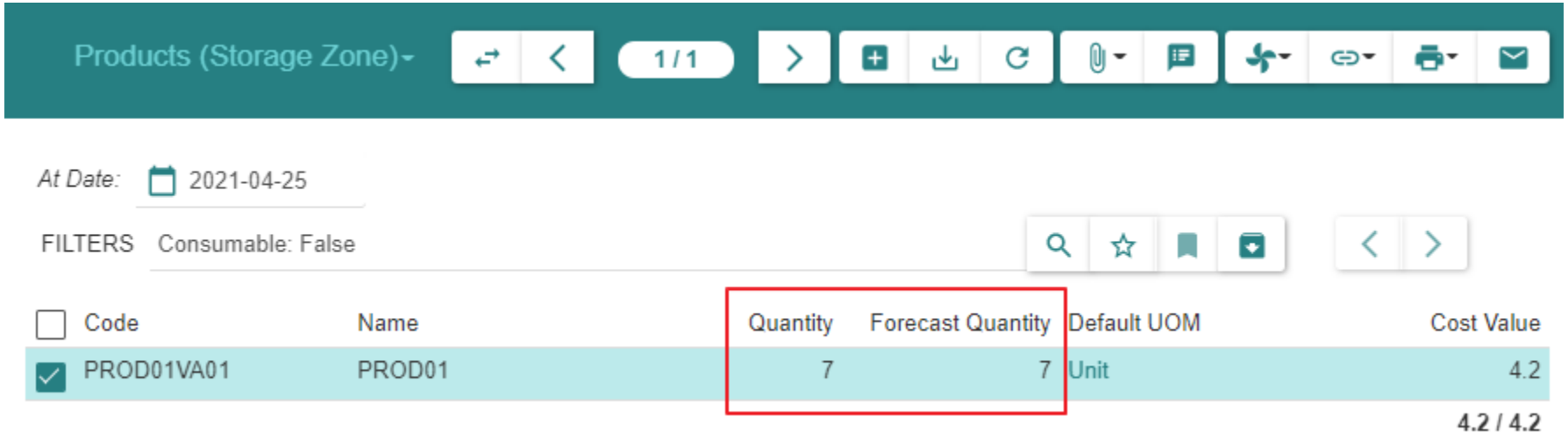


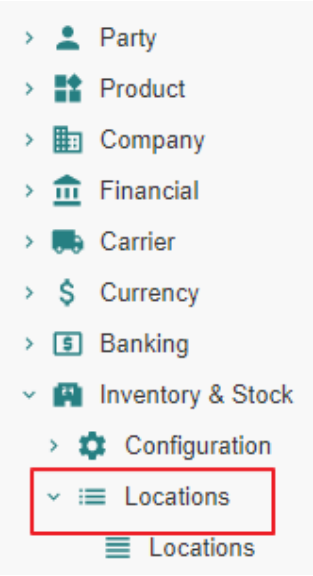
4 - Stock Locations



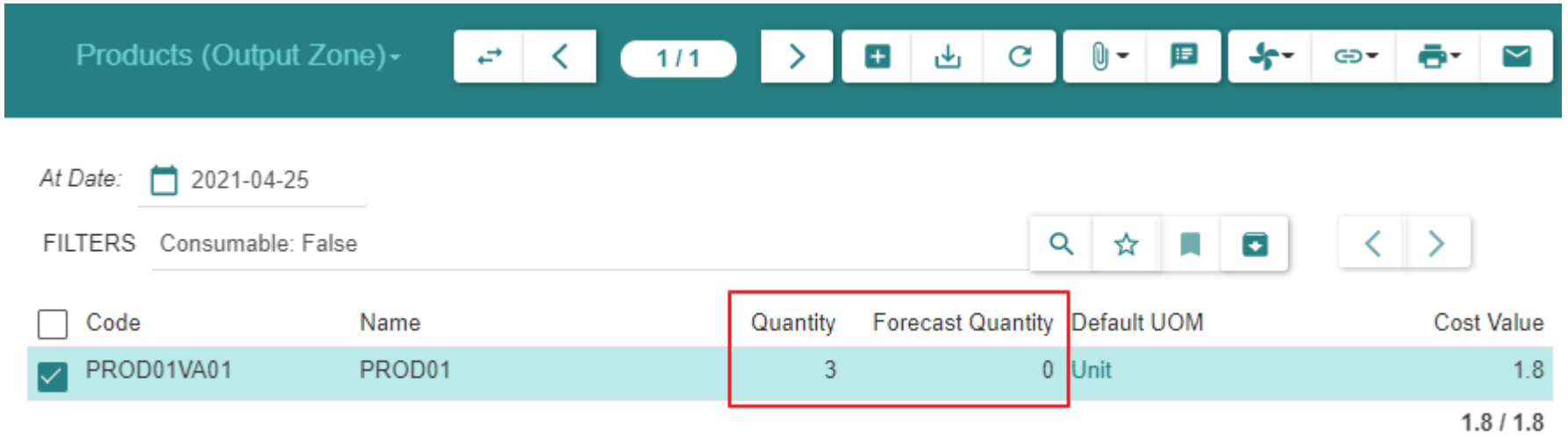


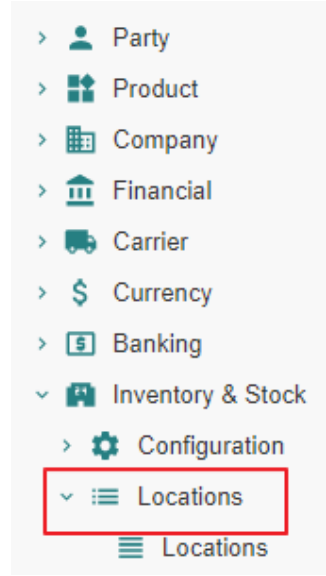
4 - Stock Locations - Storage Zone



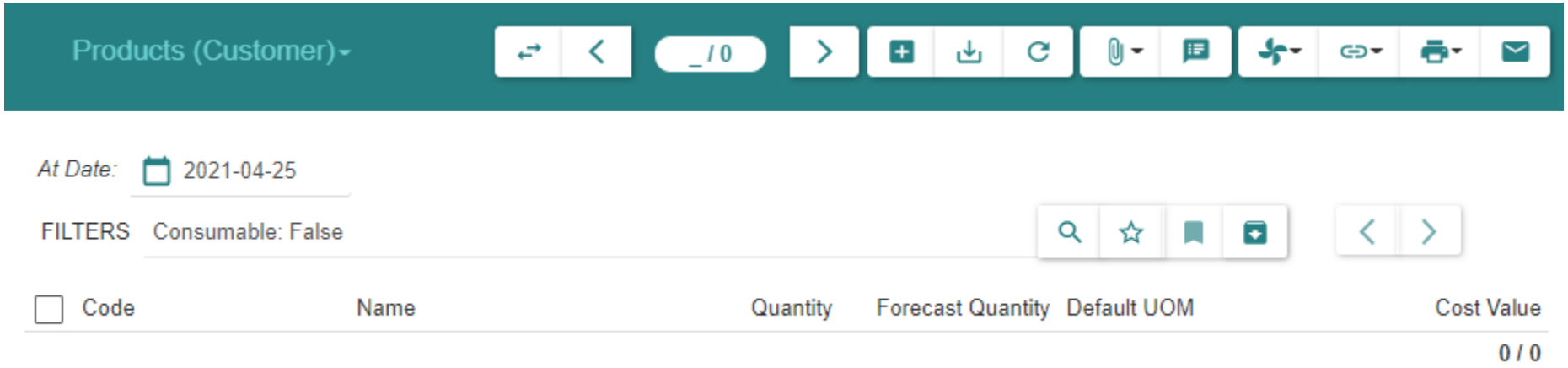


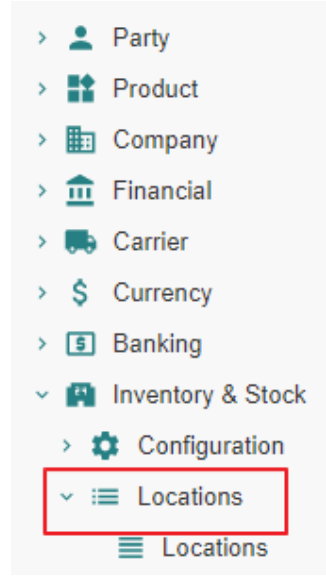
4 - Stock Locations - Output Zone



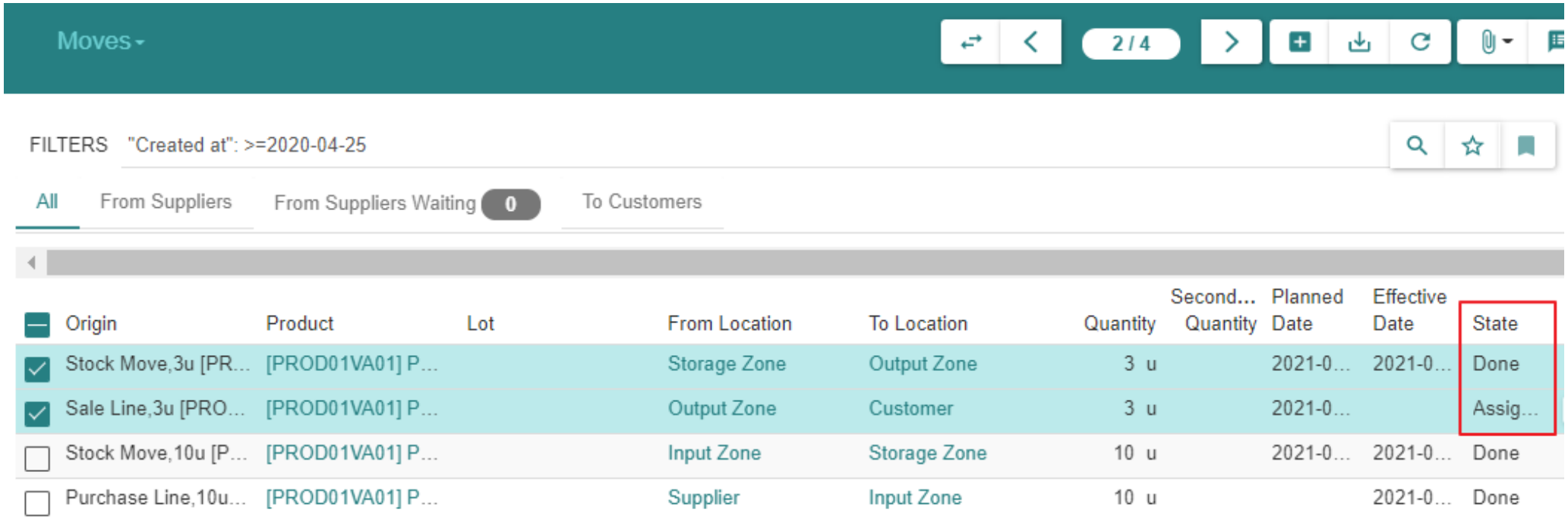


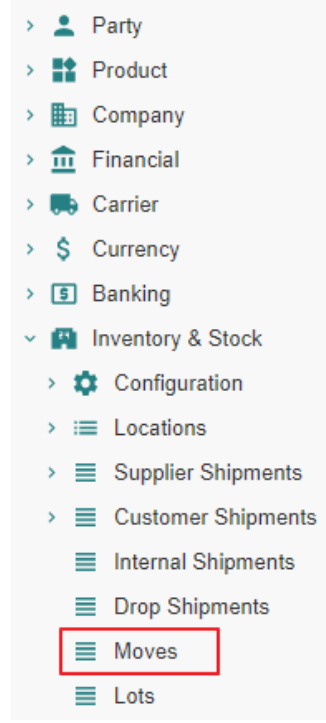
4 - Stock Locations - Customer





5 - Stock Moves

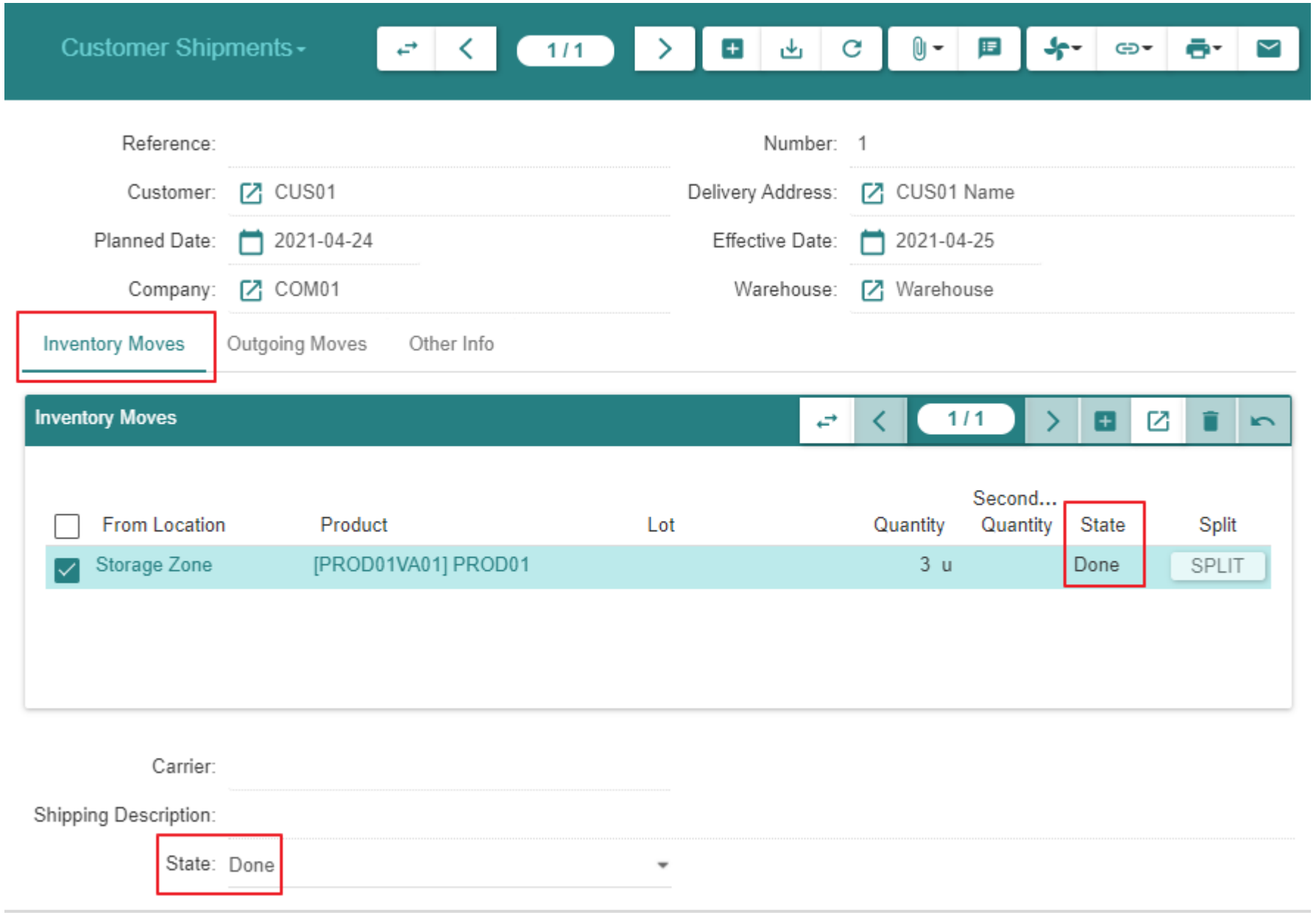


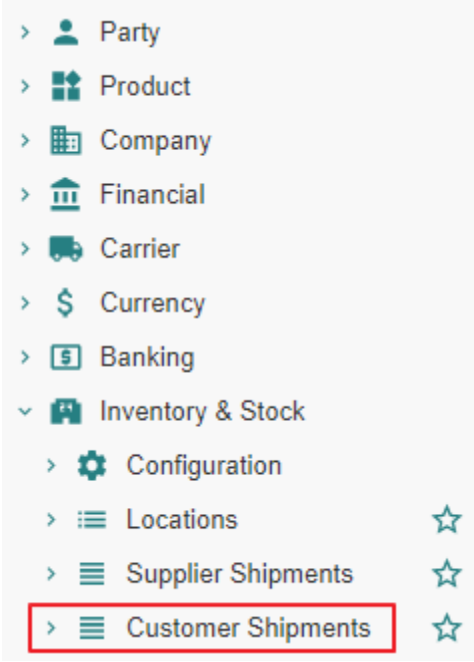


Customer Shipment
From « Packed » to « Done »

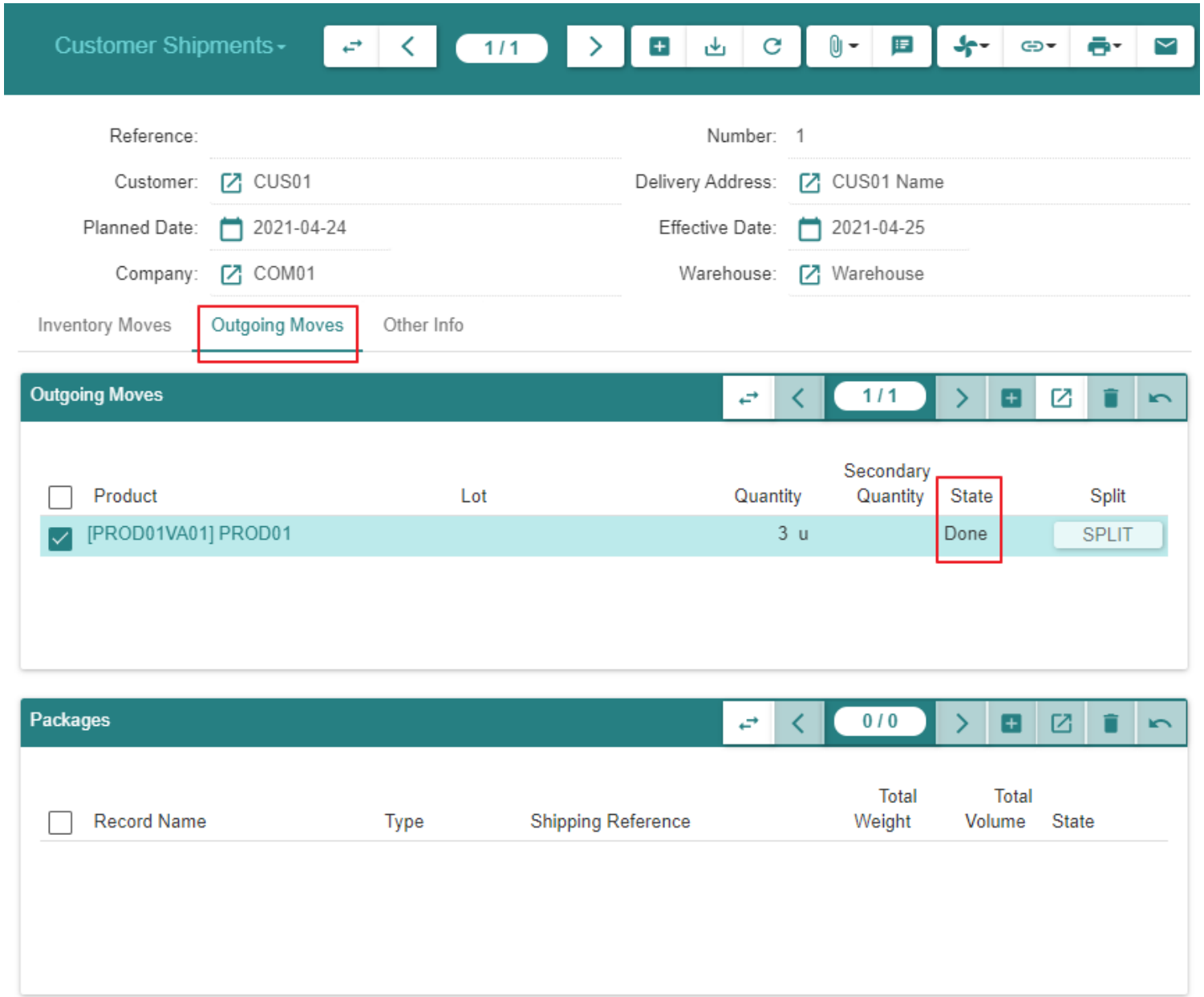
Customer Shipment
From « Packed » to « Done »
Action

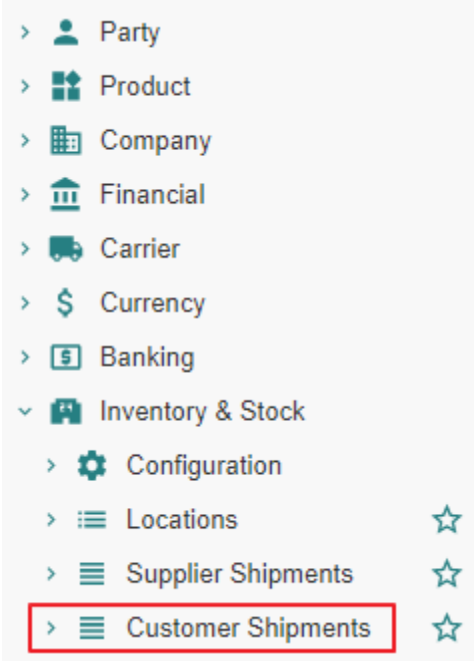
Customer Shipments - Inventory Moves





Customer Shipments - Outgoing Moves





Customer Shipment
From « Packed » to « Done »
Impact

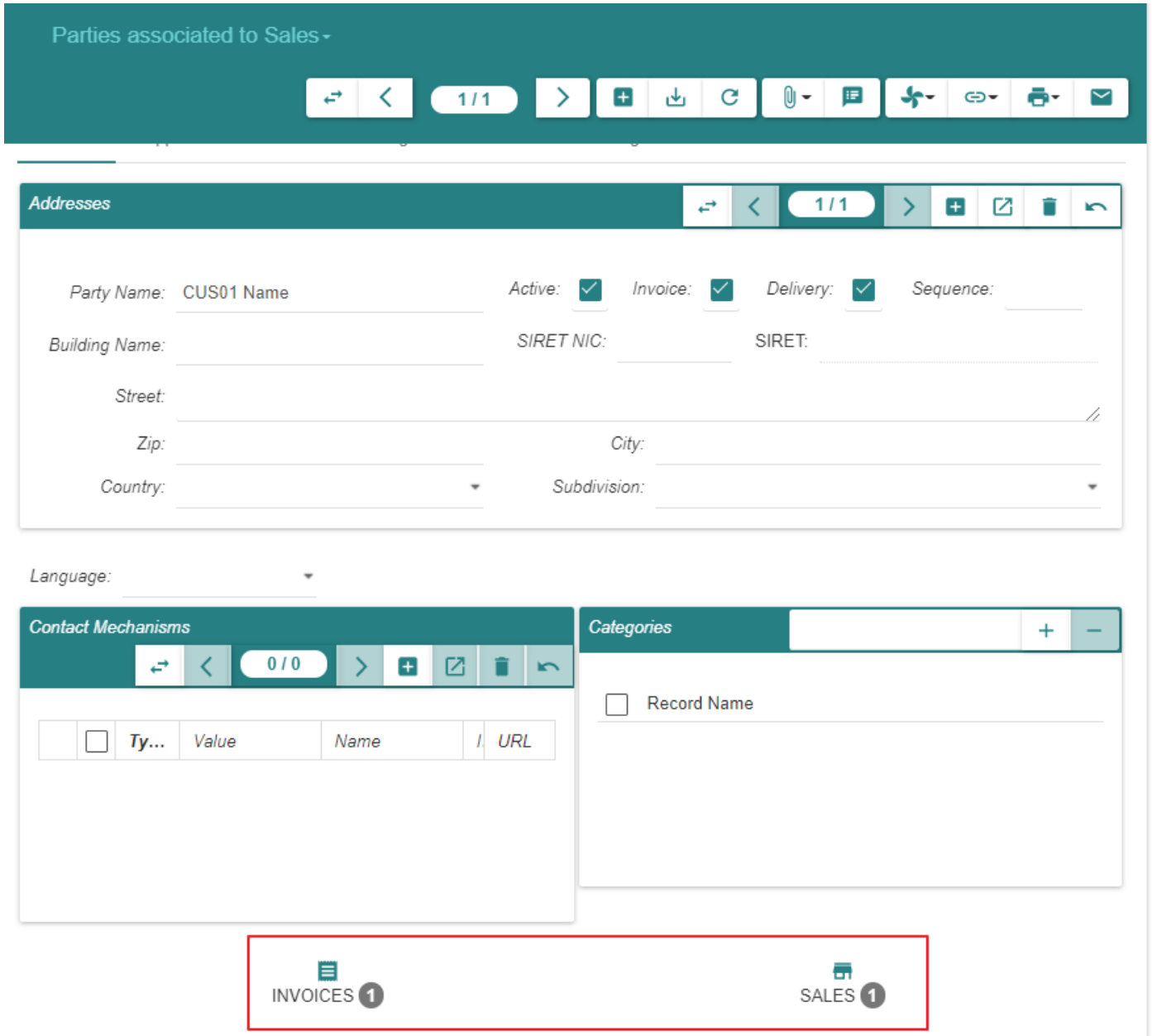
Customer Shipment - From « Packed » To « Done »

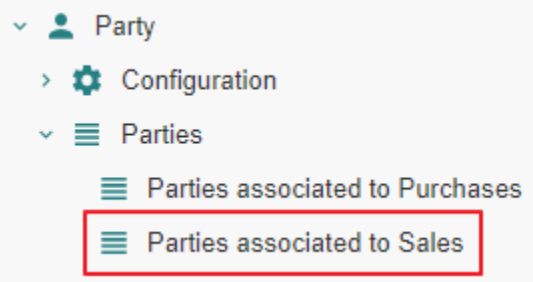
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Done	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [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 »

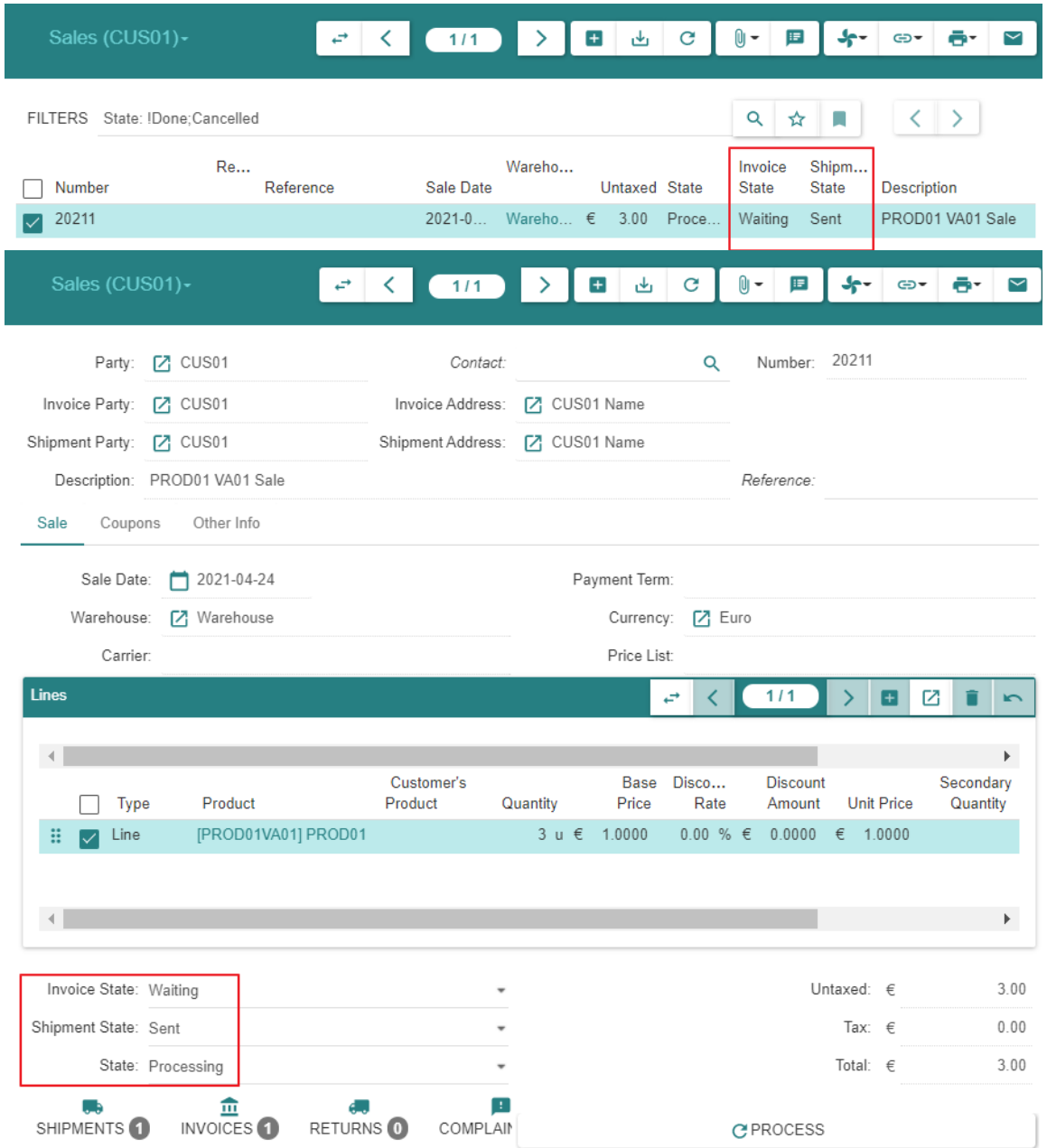
		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

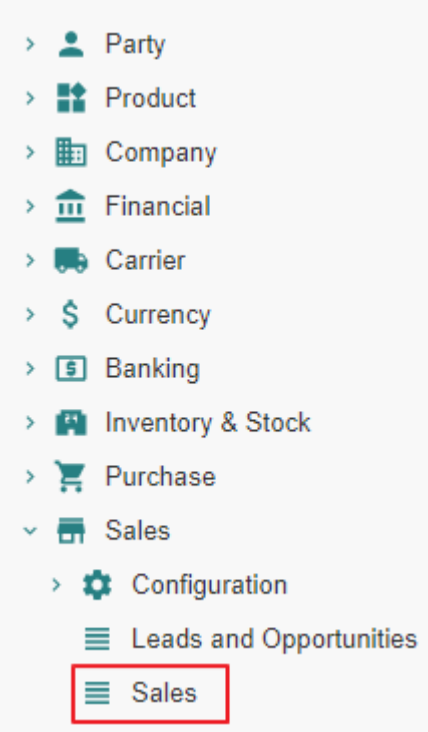
1 - Parties associated to Sales





2 - Sales | Sales (CUS01)





3 - Customer Shipments | Customer Shipments (CUS01)

FILTERS Search

Number	Reference	Planned Date	Effective Date	Customer	Delivery Address	Weight	Volume	State
1		2021-0...	2021-0...	CUS01	CUS01...			Done

Reference:
Number: 1
Customer: CUS01
Delivery Address: CUS01 Name
Planned Date: 2021-04-24
Effective Date: 2021-04-25
Company: COM01
Warehouse: Warehouse

Inventory Moves | Outgoing Moves | Other Info

Inventory Moves 1 / 1

From Location	Product	Lot	Quantity	Second... Quantity	State	Split
Storage Zone	[PROD01VA01] PROD01		3 u		Done	SPLIT

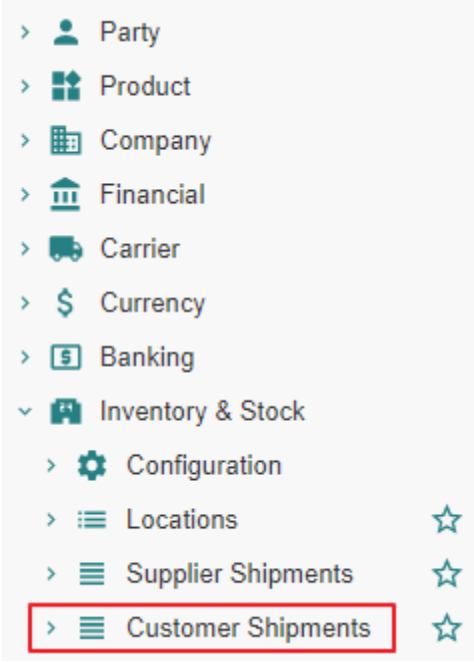
Carrier:
Shipping Description:
State: Done

Reference:
Number: 1
Customer: CUS01
Delivery Address: CUS01 Name
Planned Date: 2021-04-24
Effective Date: 2021-04-25
Company: COM01
Warehouse: Warehouse

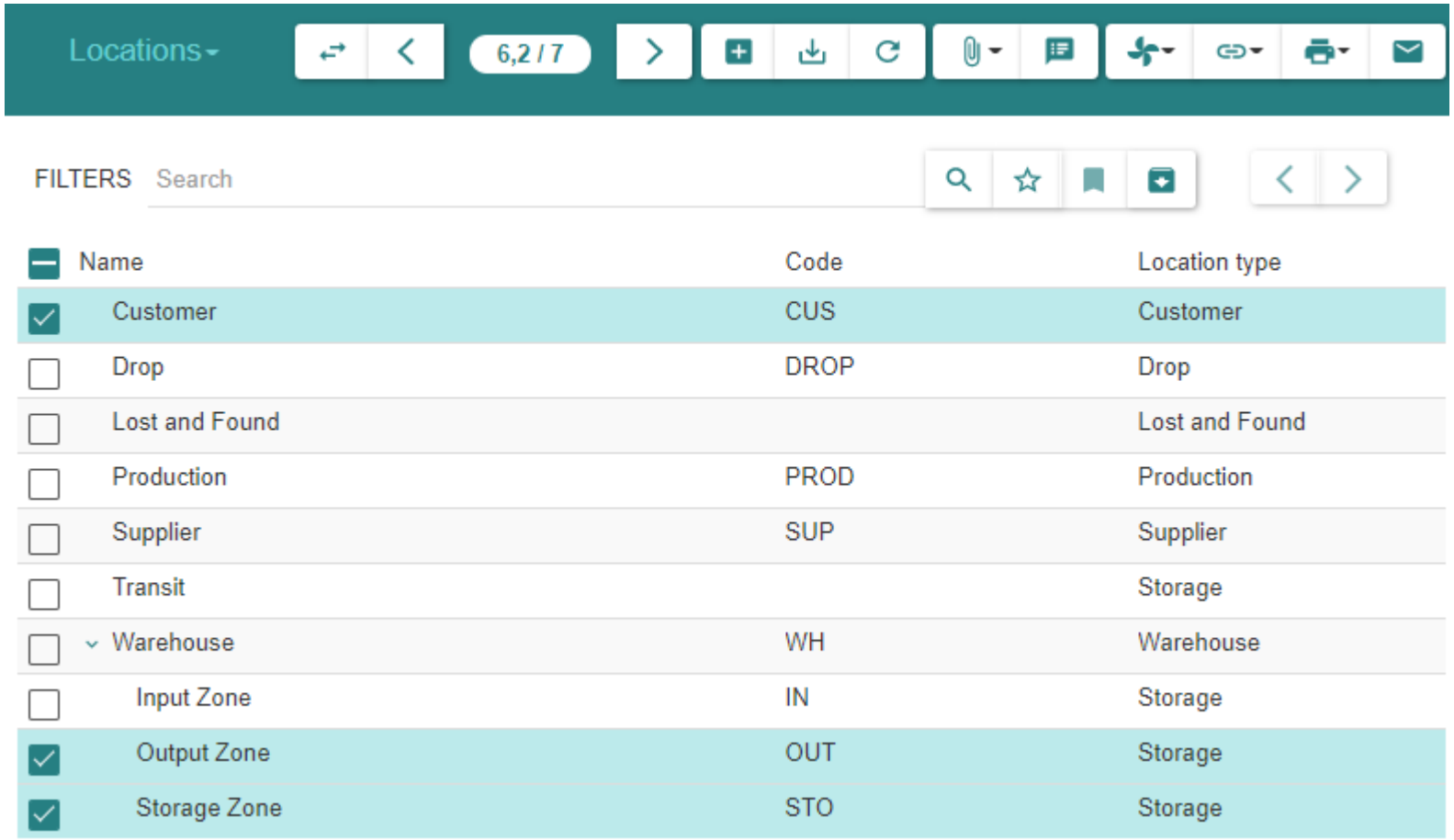
Inventory Moves | Outgoing Moves | Other Info

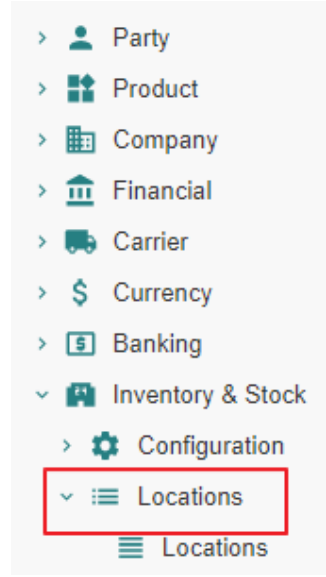
Outgoing Moves 1 / 1

Product	Lot	Quantity	Secondary Quantity	State	Split
[PROD01VA01] PROD01		3 u		Done	SPLIT

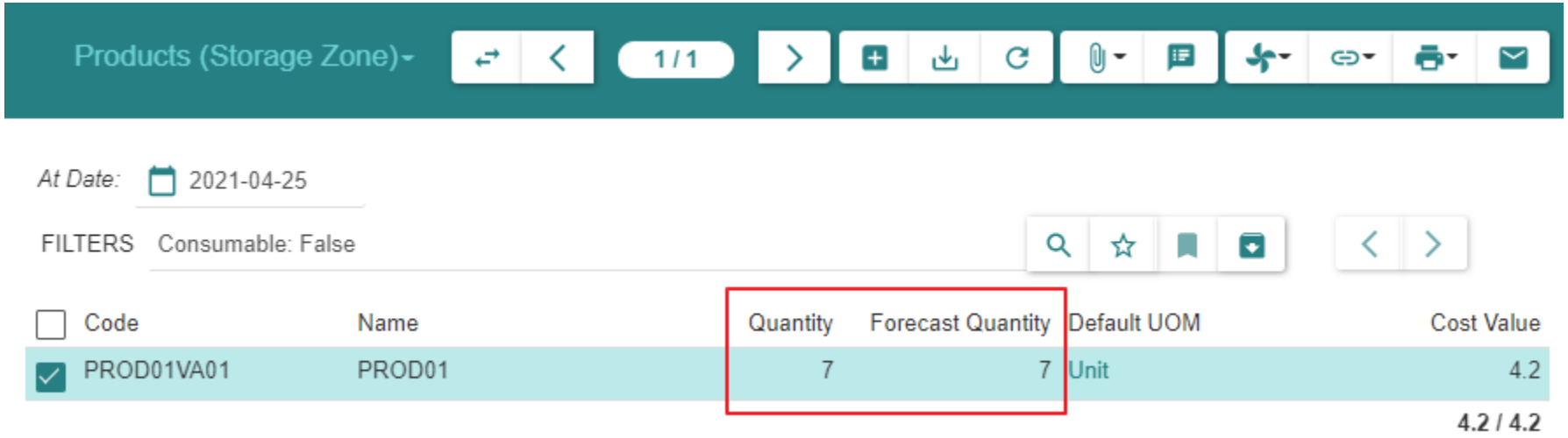


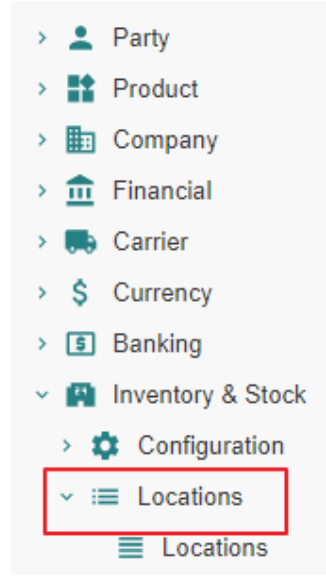
4 - Stock Locations



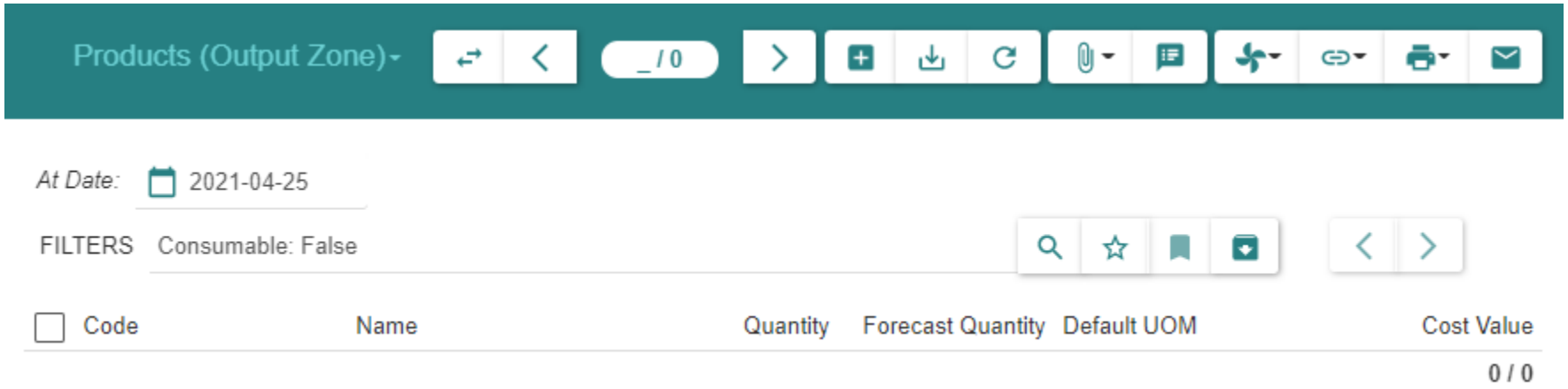


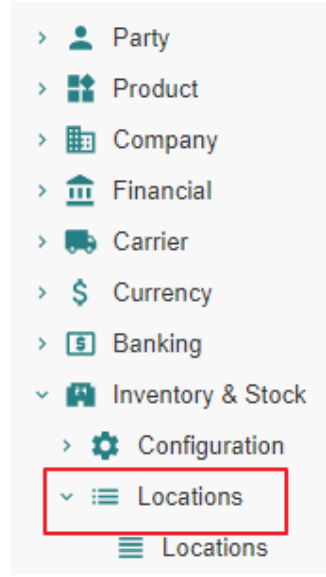
4 - Stock Locations - Storage Zone



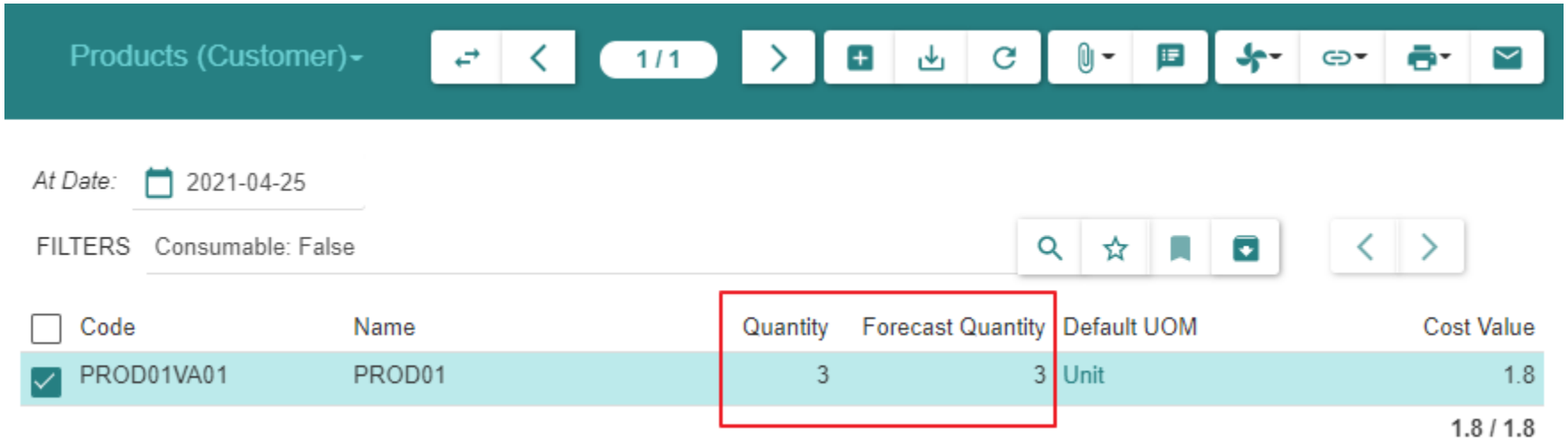


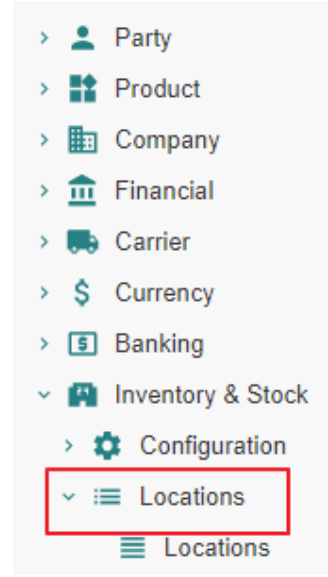
4 - Stock Locations - Output Zone



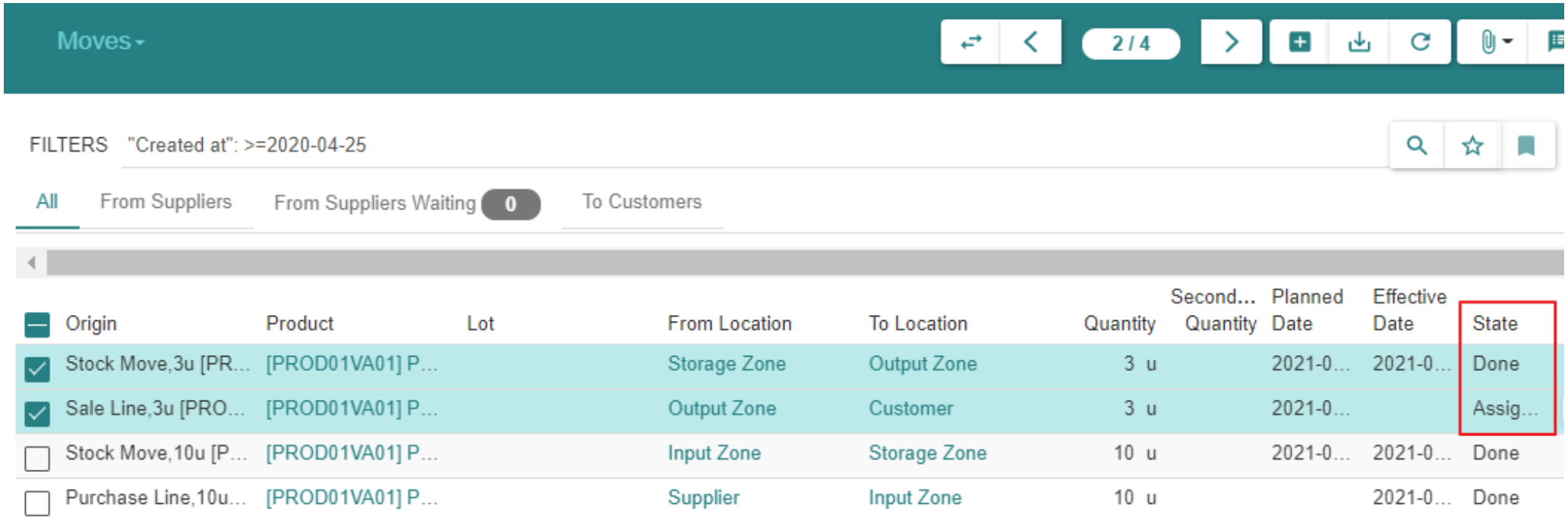


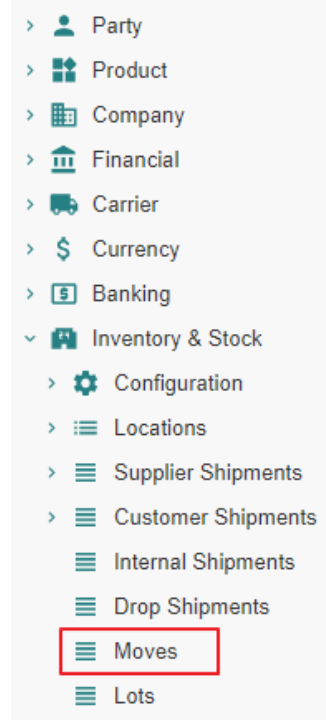
4 - Stock Locations - Customer





5 - Stock Moves



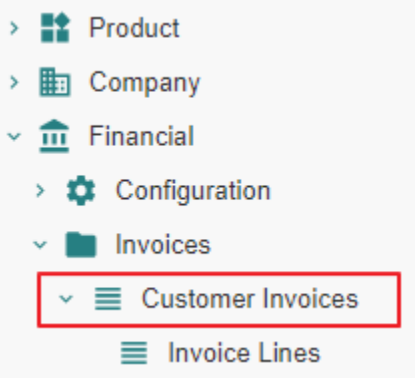


Customer Invoice - State Changes - Actual States

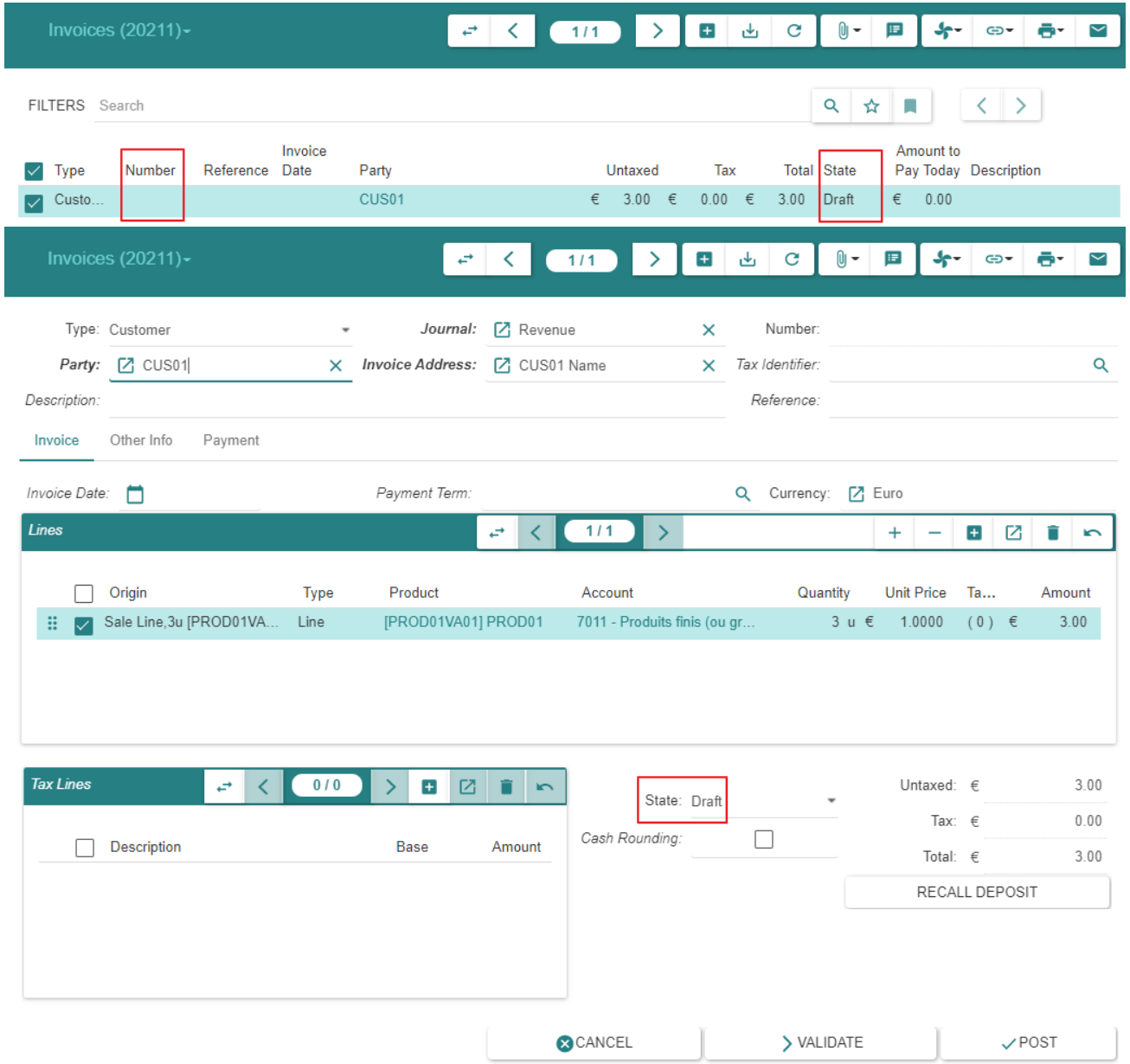
Customer Invoice
« Nill » To « Draft »

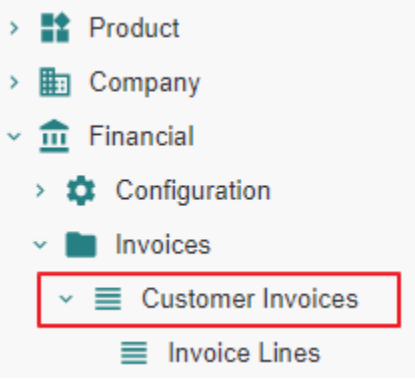
Creation

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



Invoice

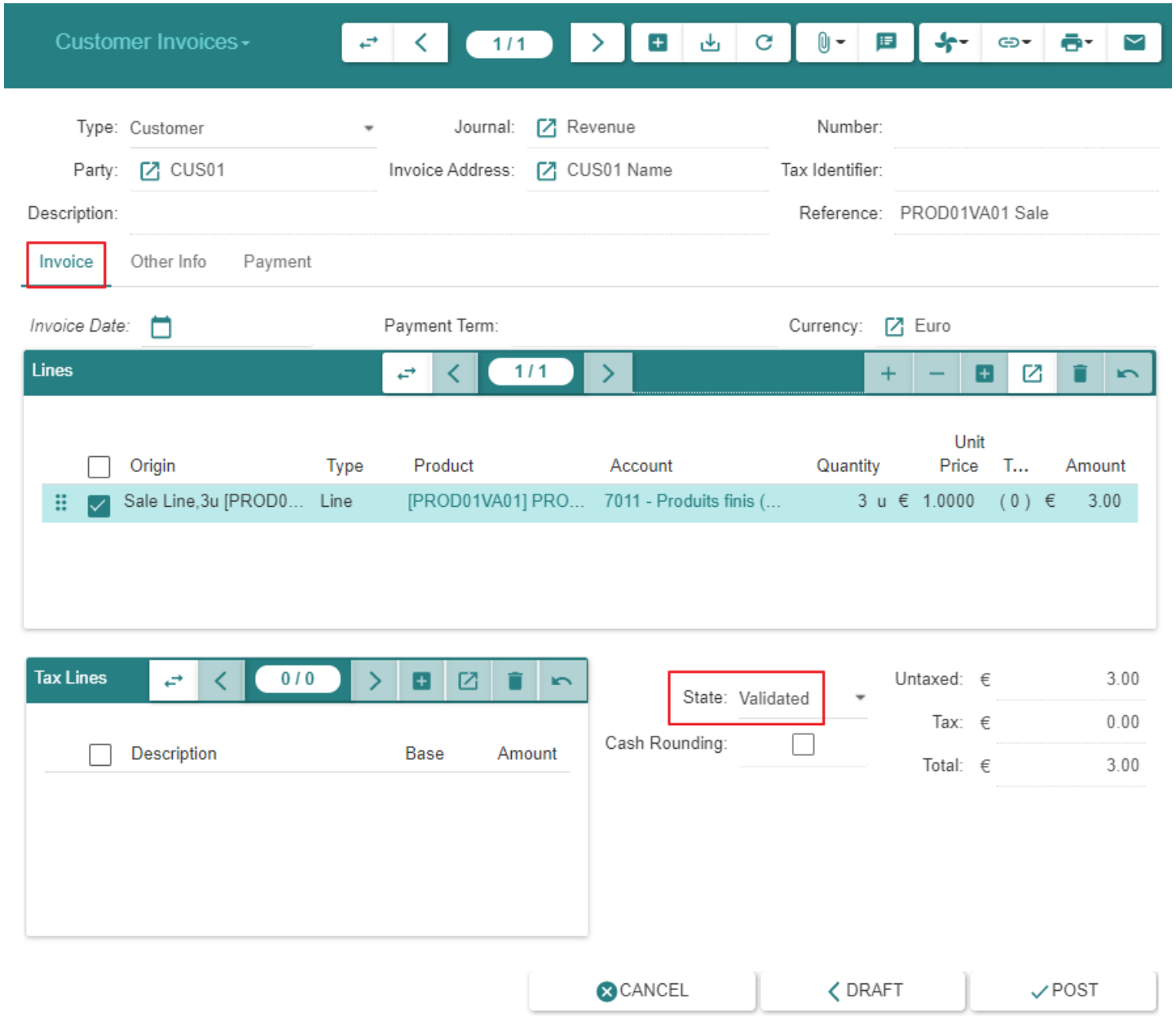

Invoices (20211)
1 / 1
FILTERS
Search
Type
Number
Reference
Invoice Date
Party
Untaxed
Tax
Total
State
Amount to Pay Today
Description
Custo...
CUS01
€ 3.00
€ 0.00
€ 3.00
Draft
€ 0.00
Invoices (20211)
1 / 1
Type: Customer
Journal: Revenue
Number:
Party: CUS01
Invoice Address: CUS01 Name
Tax Identifier:
Description:
Reference:
Invoice
Other Info
Payment
Invoice Date:
Payment Term:
Currency: Euro
Lines
1 / 1
Origin
Type
Product
Account
Quantity
Unit Price
Ta...
Amount
Sale Line,3u [PROD01VA...
Line
[PROD01VA01] PROD01
7011 - Produits finis (ou gr...
3 u € 1.0000
(0) € 3.00
Tax Lines
0 / 0
Description
Base
Amount
State: Draft
Cash Rounding:
Untaxed: € 3.00
Tax: € 0.00
Total: € 3.00
RECALL DEPOSIT
CANCEL
VALIDATE
POST

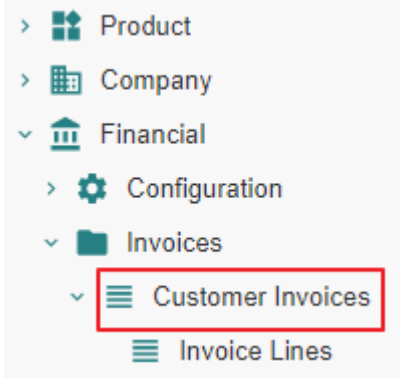

Product
Company
Financial
Configuration
Invoices
Customer Invoices
Invoice Lines

Customer Invoice
« Draft » To « Validated »

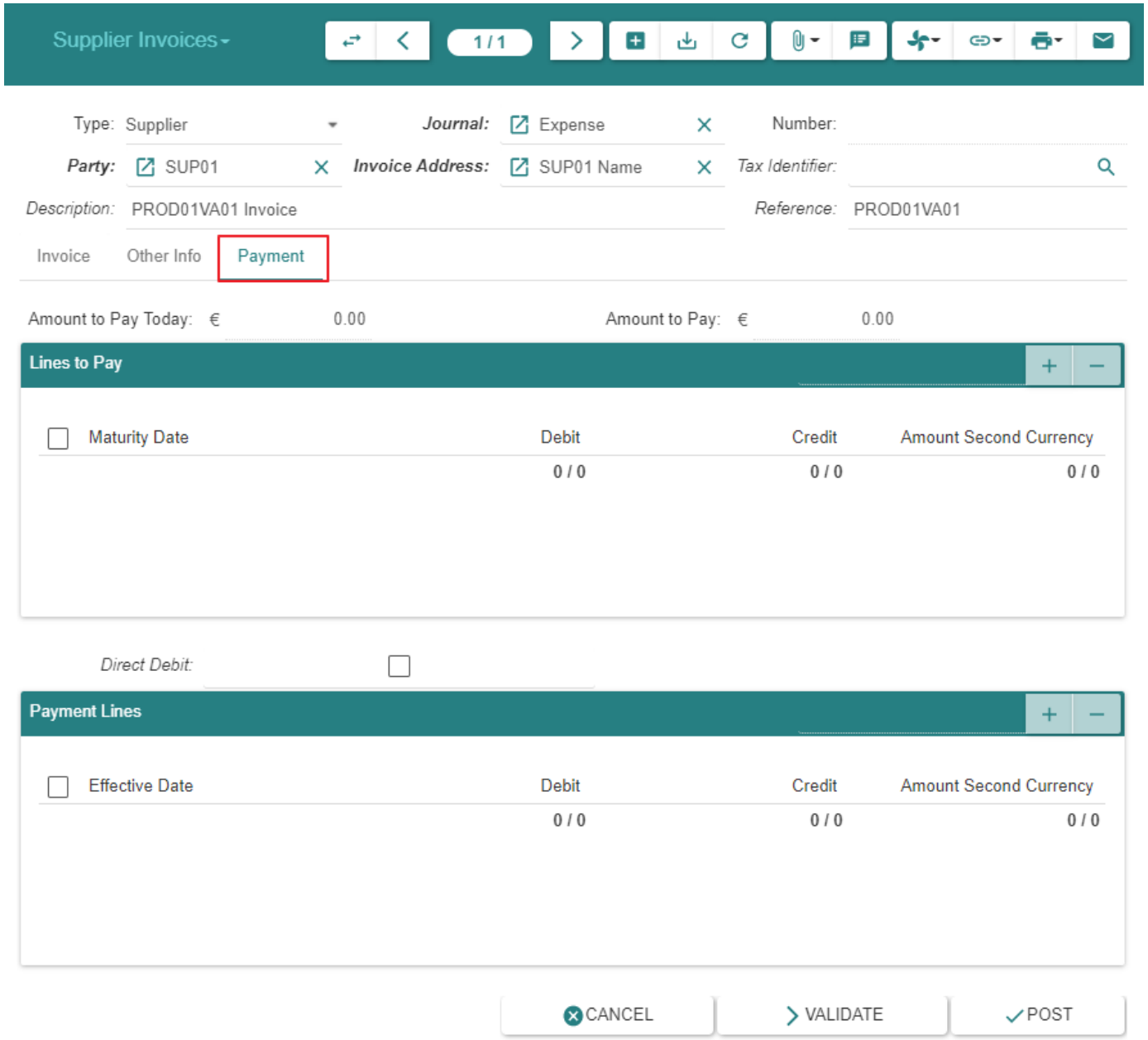
Customer Invoice
From « Draft » To « Validated »
Action

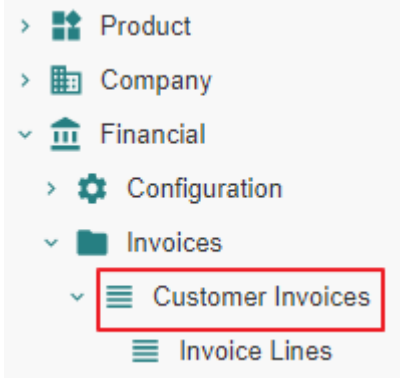
Customer Invoices (1/2)





Customer Invoices (2/2)





Customer Invoice
From « Draft » To « Validated »
Impact

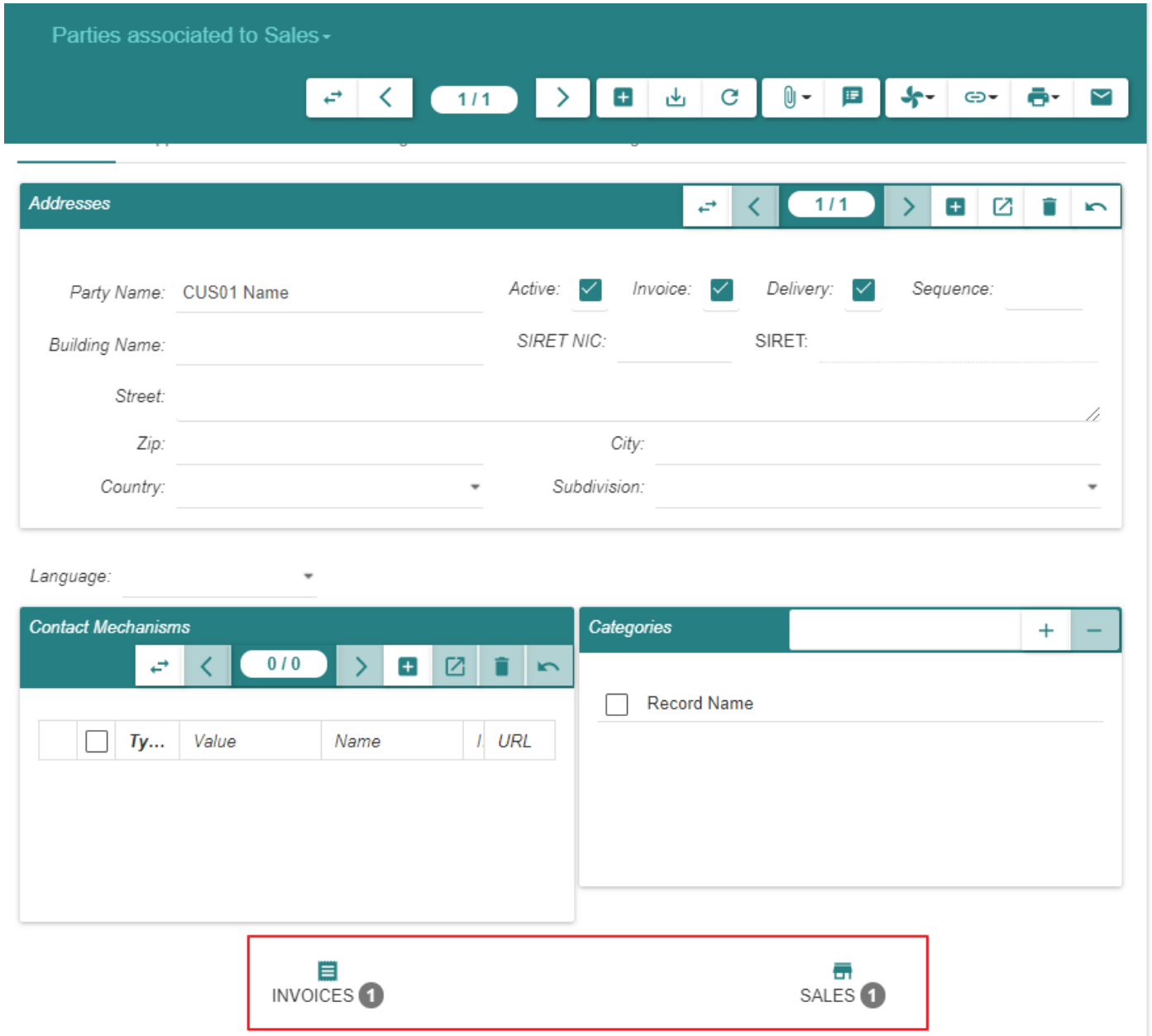
Customer Invoice - From « Draft » To « Validated »

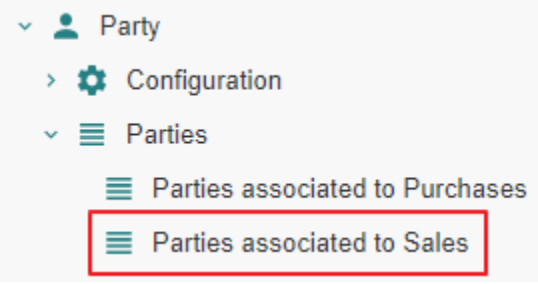
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Done	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [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 »

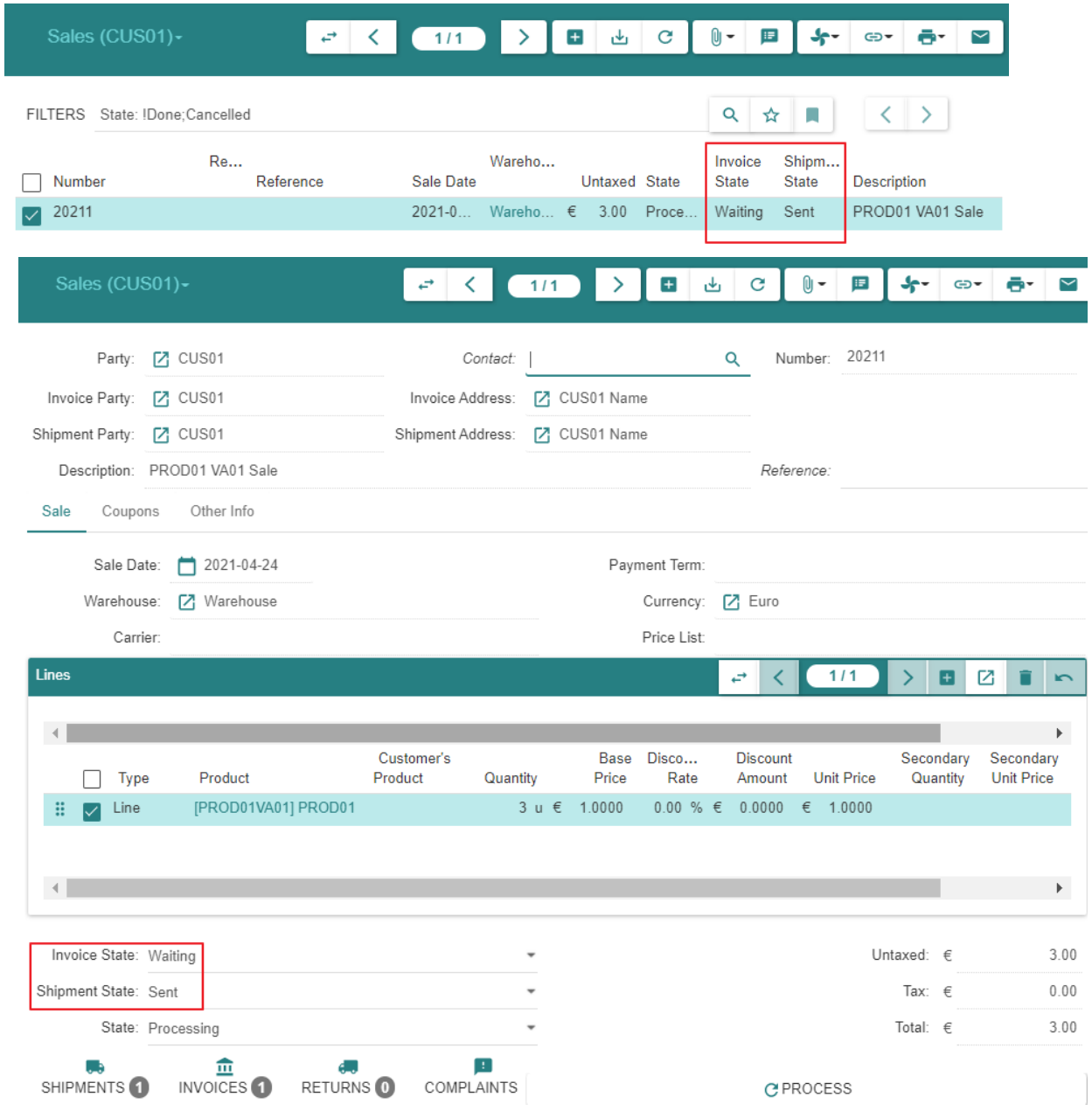
		State	Created - Updated - Deleted -Linked
Accounting			
Journals - Periods	10		
Account Moves	11		
Open Journal	12		
General Ledger	13		
Balance Sheet	14		
Income Statement	15		
General Journal	16		

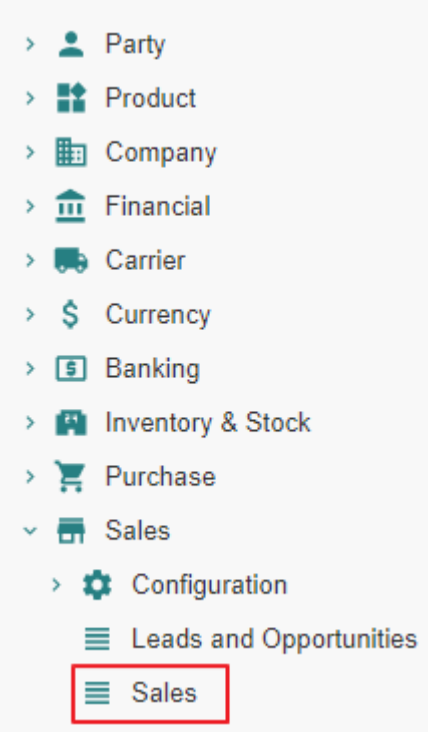
1 - Parties associated to Sales



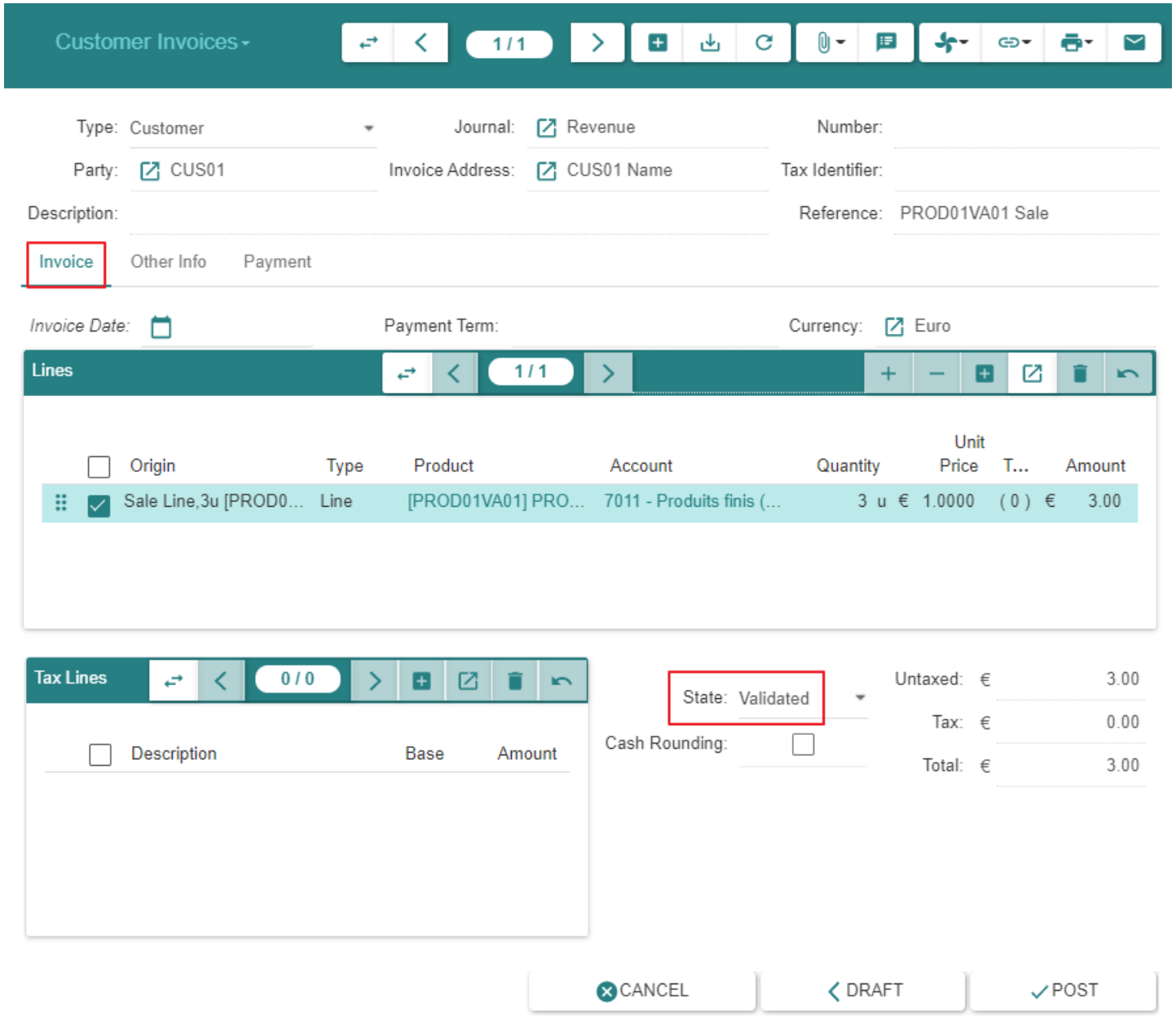


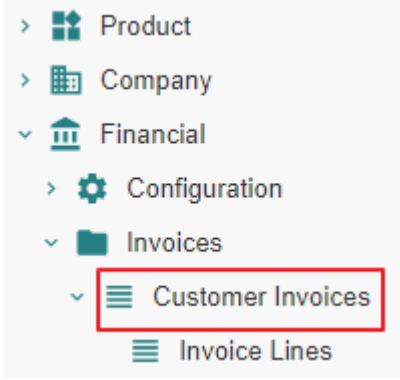
2 - Sales | Sales (CUS01)



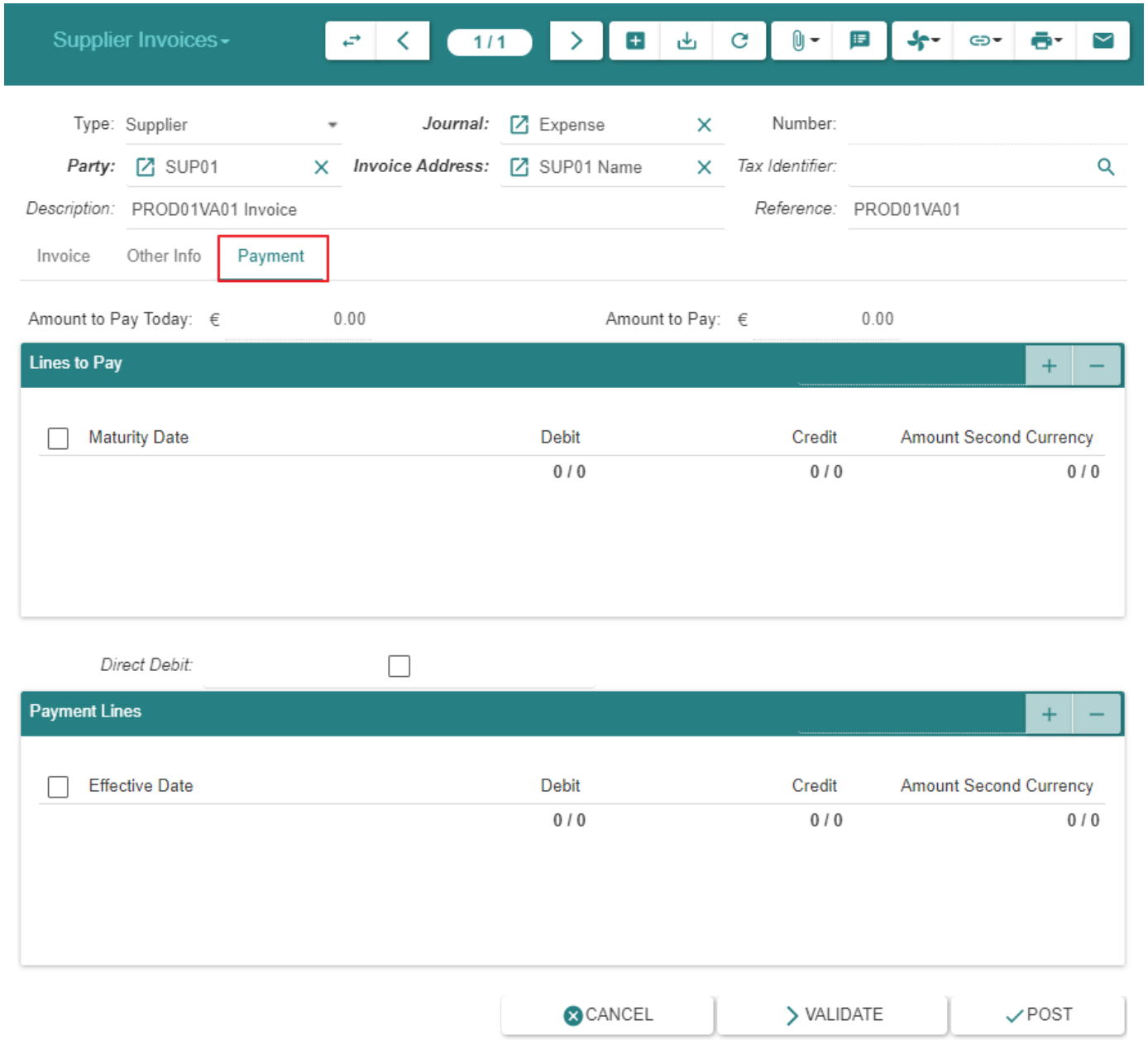


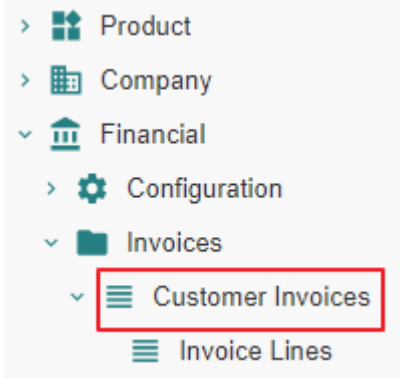
6 - Invoices | Invoices (CUS01) (1/2)



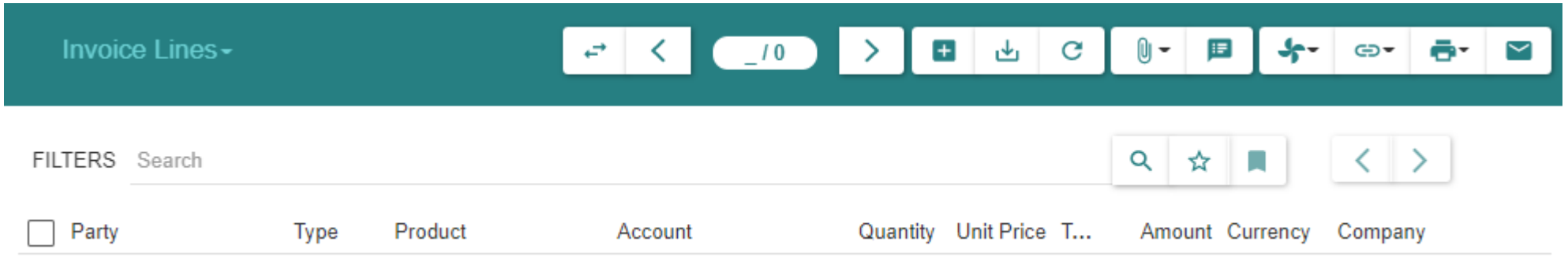


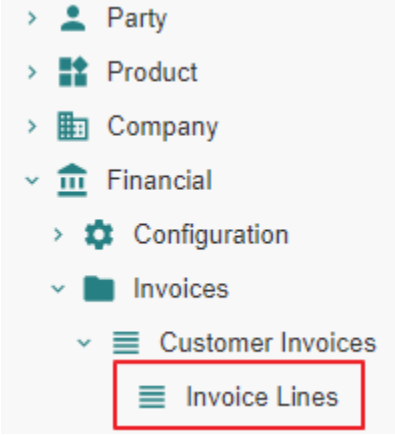
6 - Invoices | Invoices (CUS01) (2/2)



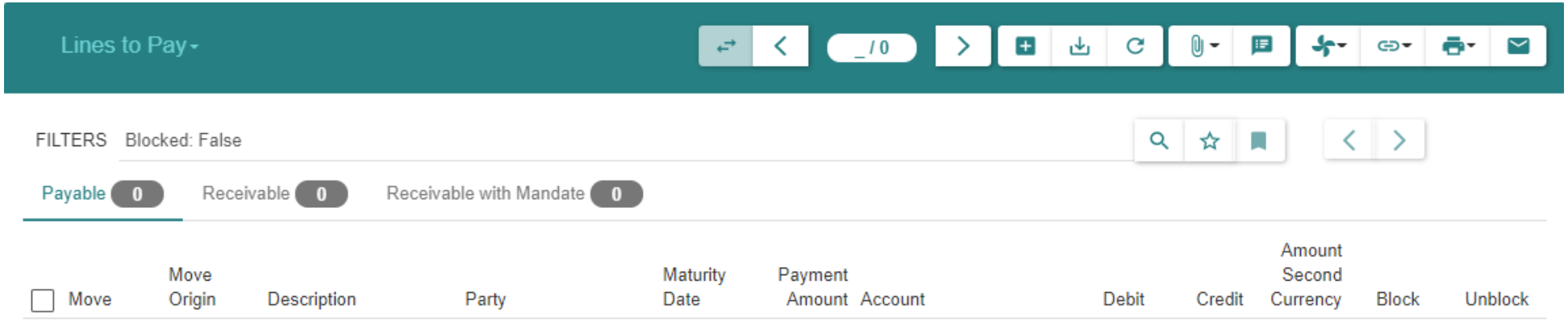


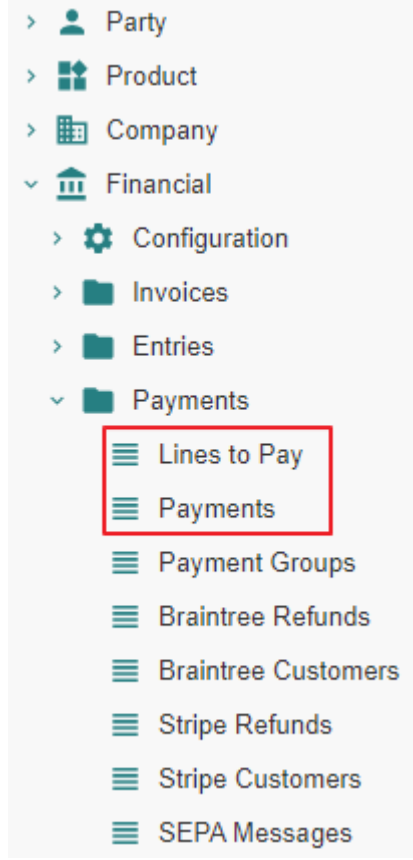
7 - Invoice Lines



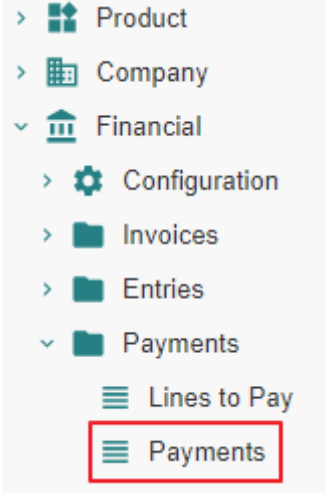


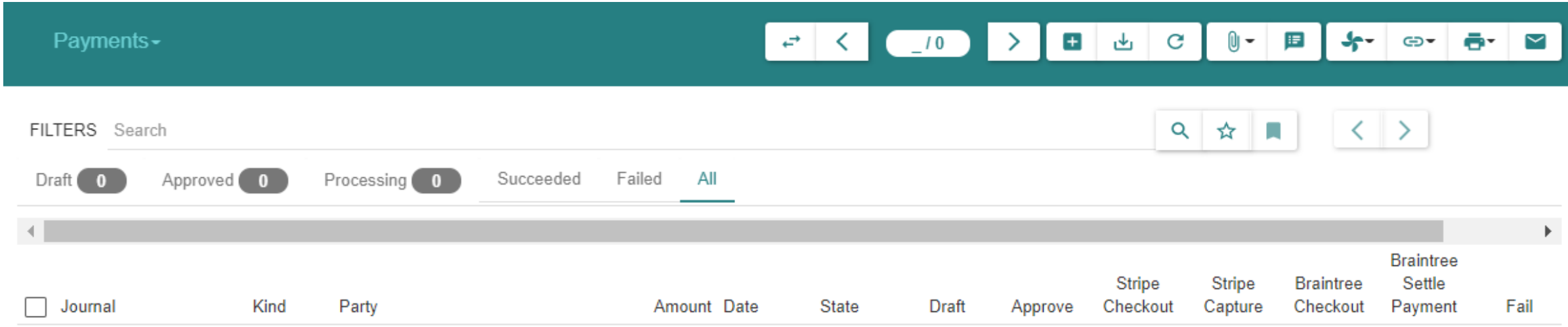
8 - Lines to Pay



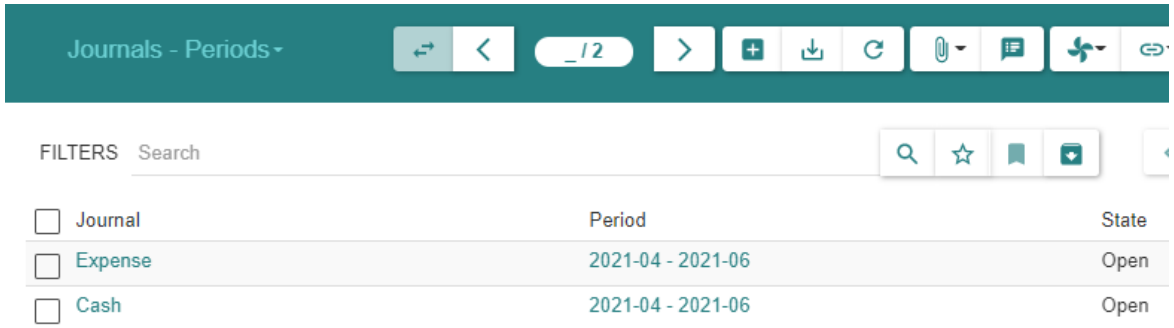


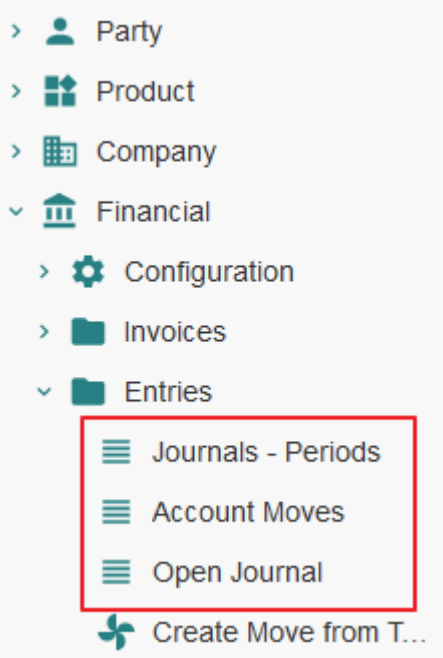
9 - Payments

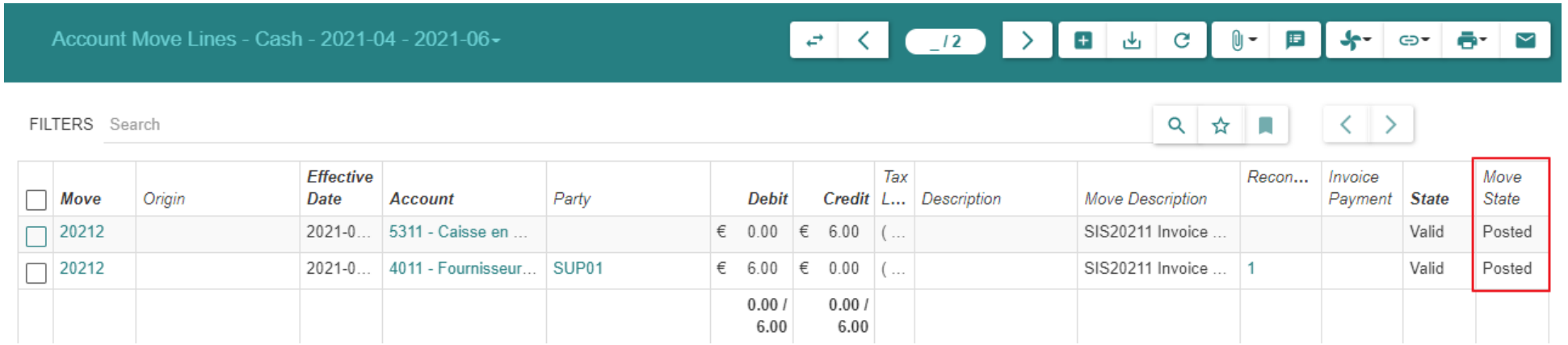

Product
Company
Financial
Configuration
Invoices
Entries
Payments
Lines to Pay
Payments

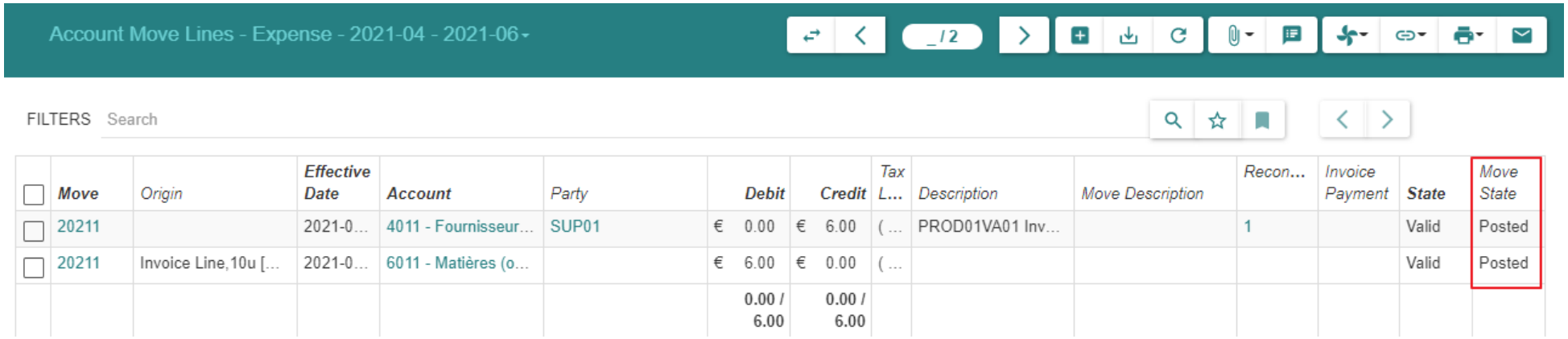

Payments
_ / 0
FILTERS
Search
Draft 0
Approved 0
Processing 0
Succeeded
Failed
All
Journal
Kind
Party
Amount
Date
State
Draft
Approve
Stripe Checkout
Stripe Capture
Braintree Checkout
Braintree Settle Payment
Fail

10 - Journals - Periods

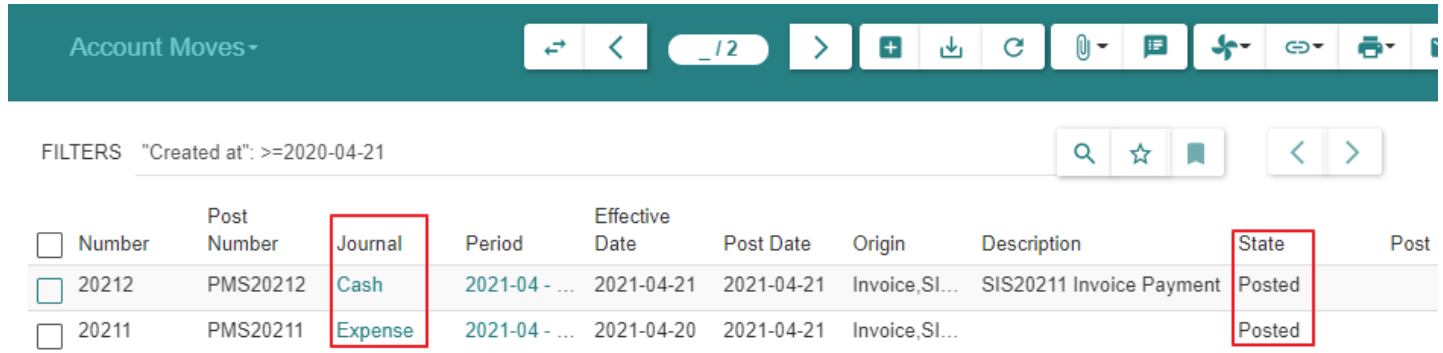








11 - Account Moves



Company: COM01

Number: 20212

Post Number: PMS20212

Journal: Cash

Period: 2021-04 - 2021-06

Effective Date: 2021-04-21

Post Date: 2021-04-21

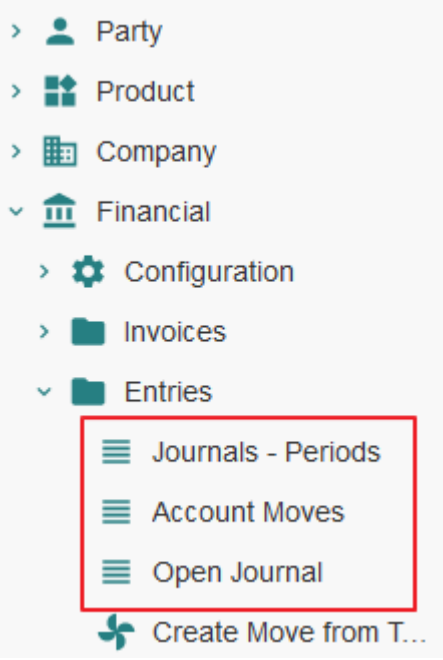
Origin: Invoice

SIS20211 [PROD01VA01]

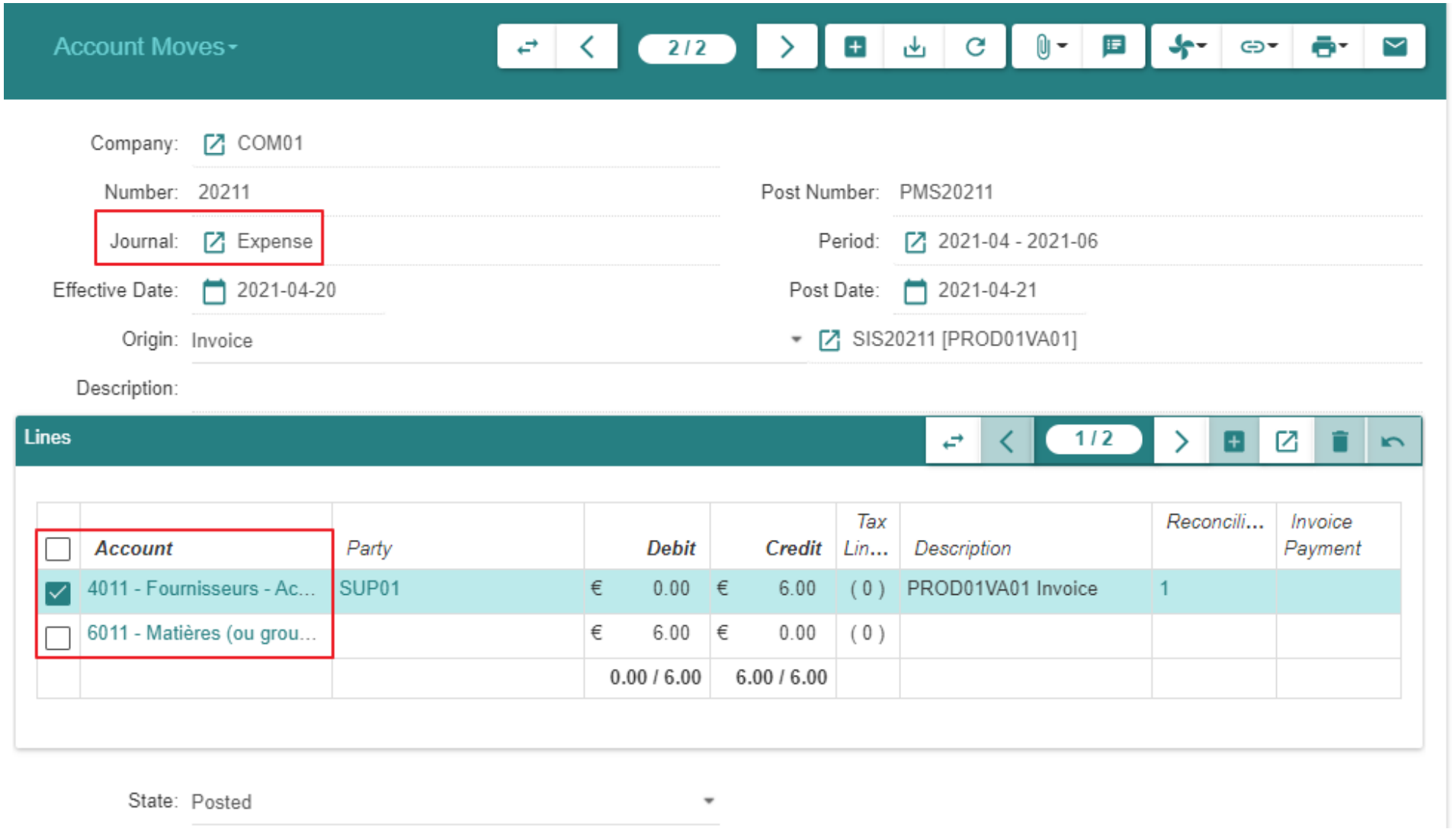
Description: SIS20211 Invoice Payment

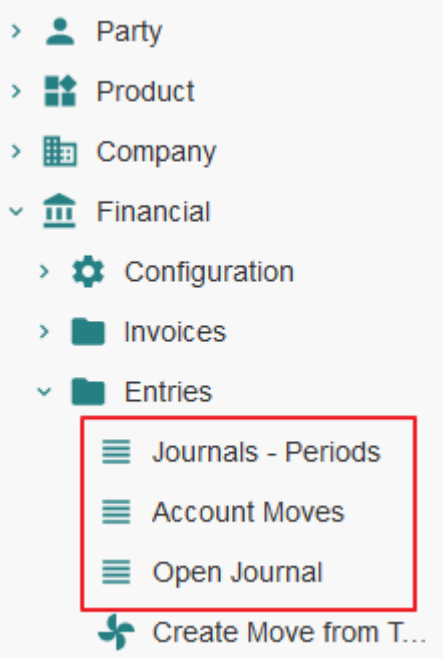
Lines 1 / 2

Account	Party	Debit	Credit	Tax Lin...	Description	Reconcili...	Invoice Payment
5311 - Caisse en monnai...		€ 0.00	€ 6.00	(0)			
4011 - Fournisseurs - Ac...	SUP01	€ 6.00	€ 0.00	(0)		1	
		0.00 / 6.00	6.00 / 6.00				

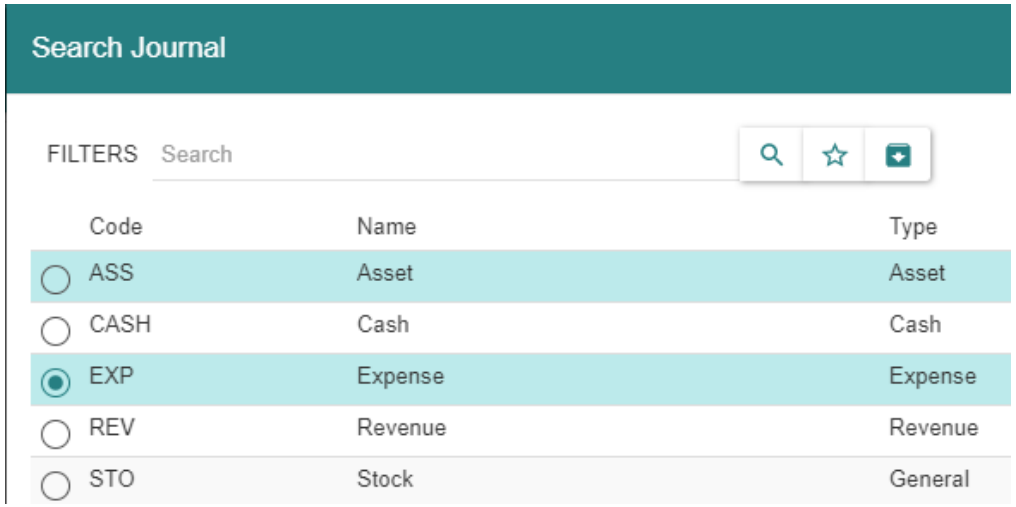


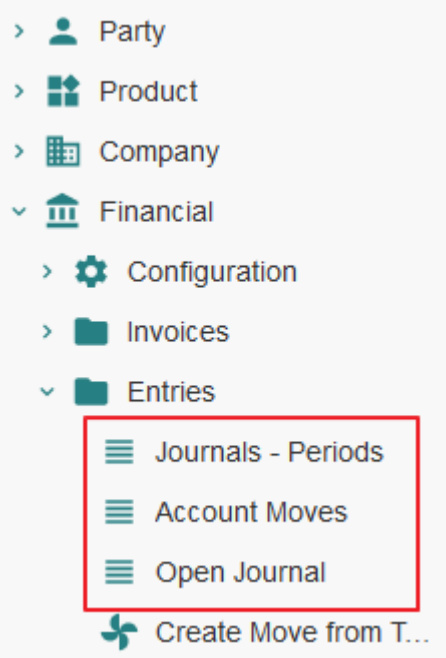
11 - Account Moves

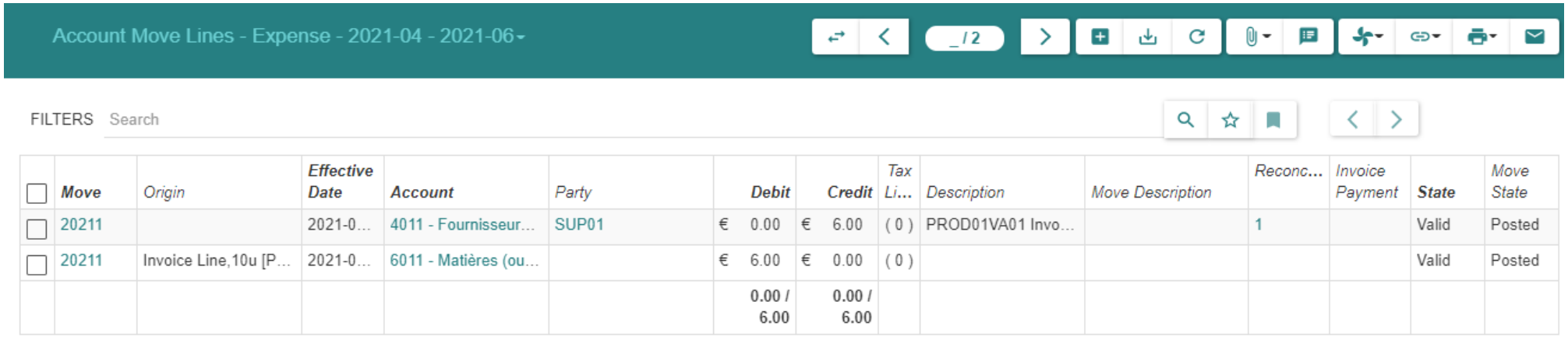




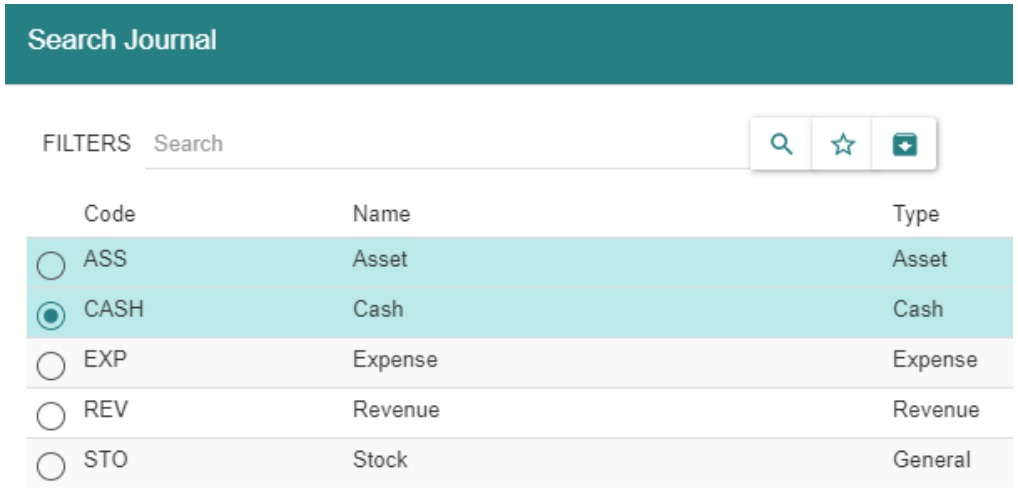
12 - Open Journal

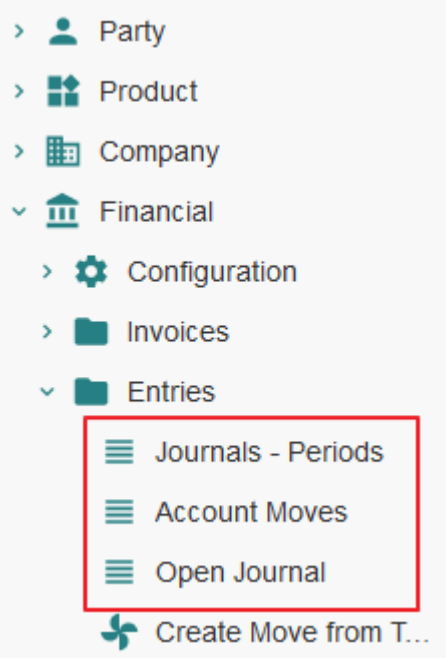


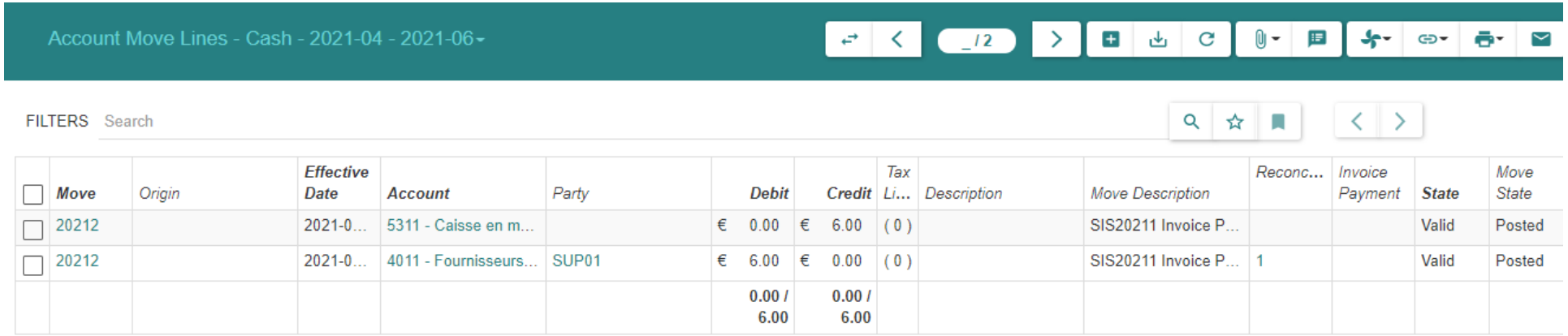




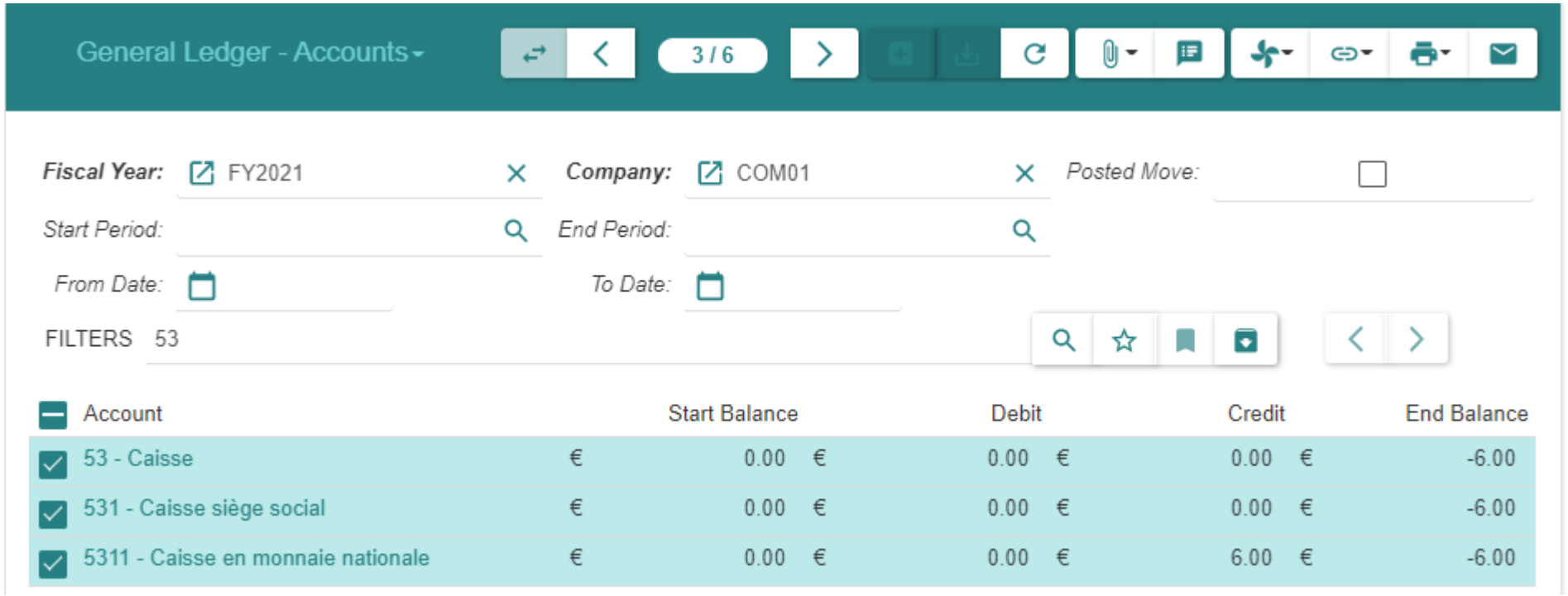
12 - Open Journal

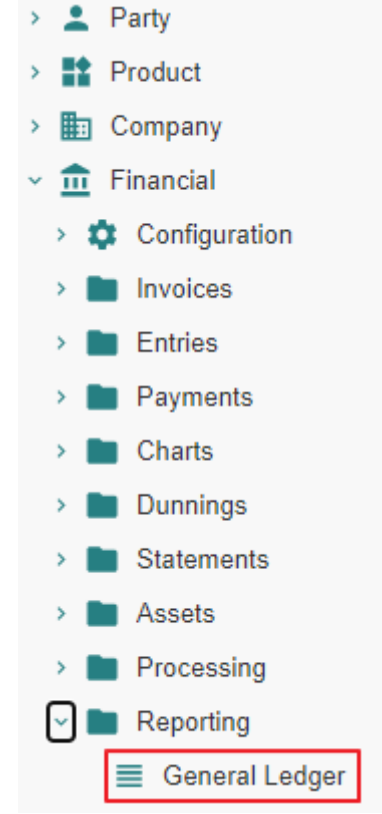




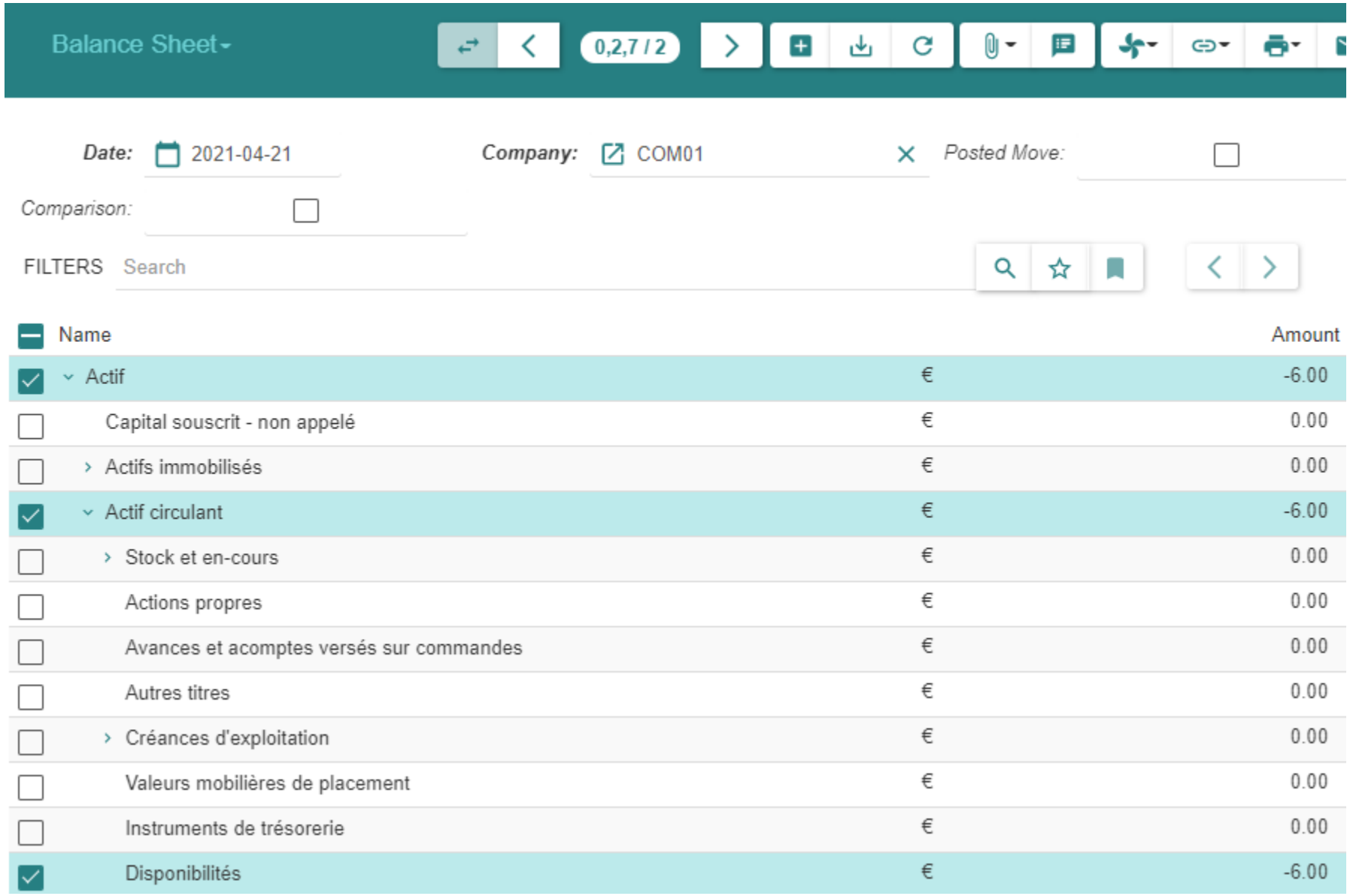


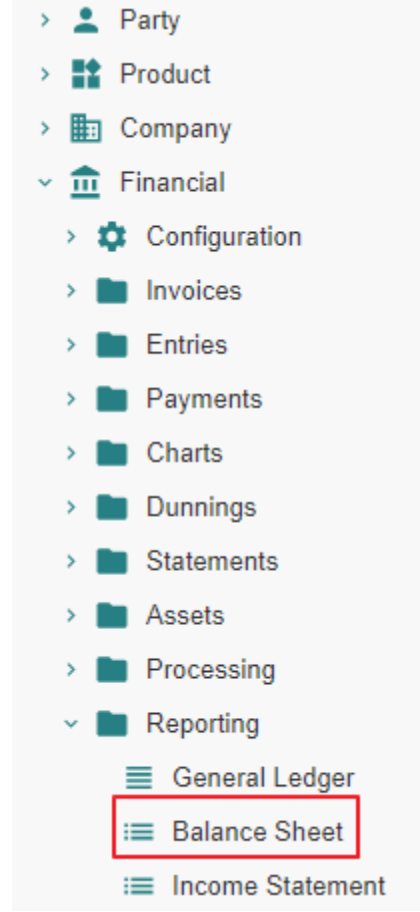
13 - General Ledger



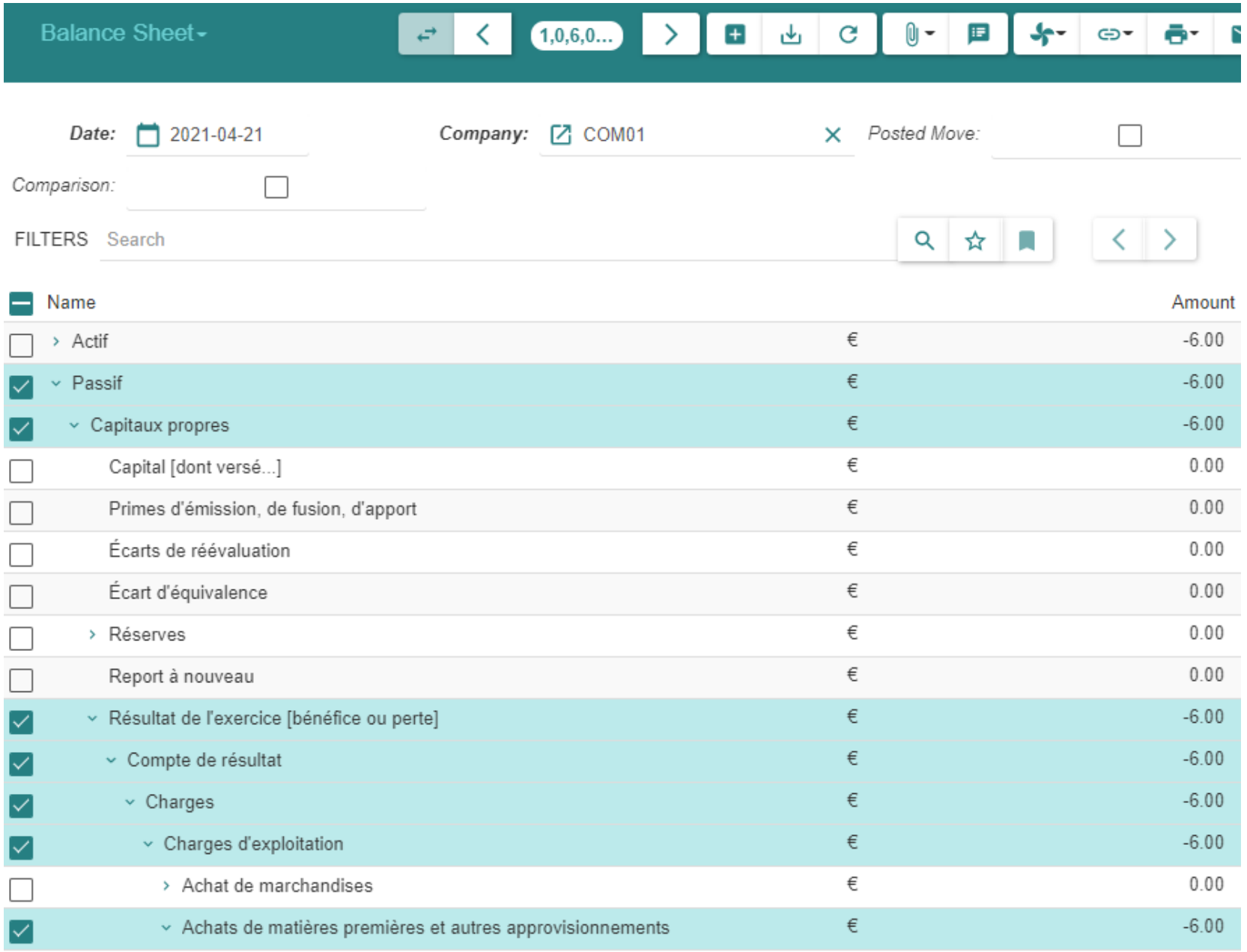


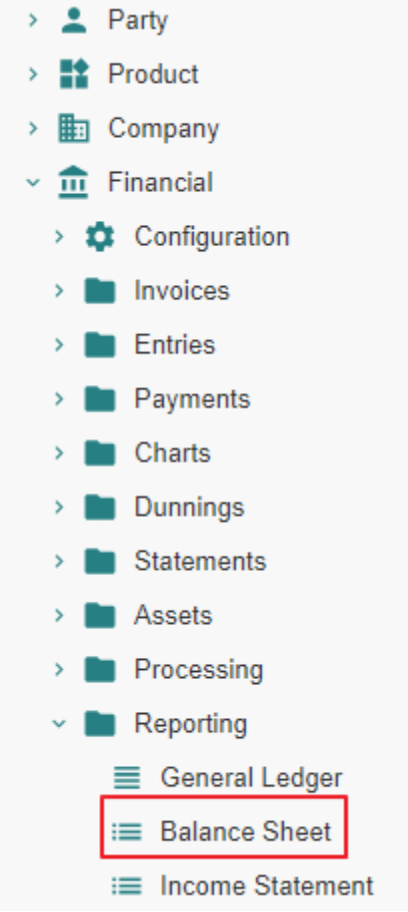
14 - Balance Sheet





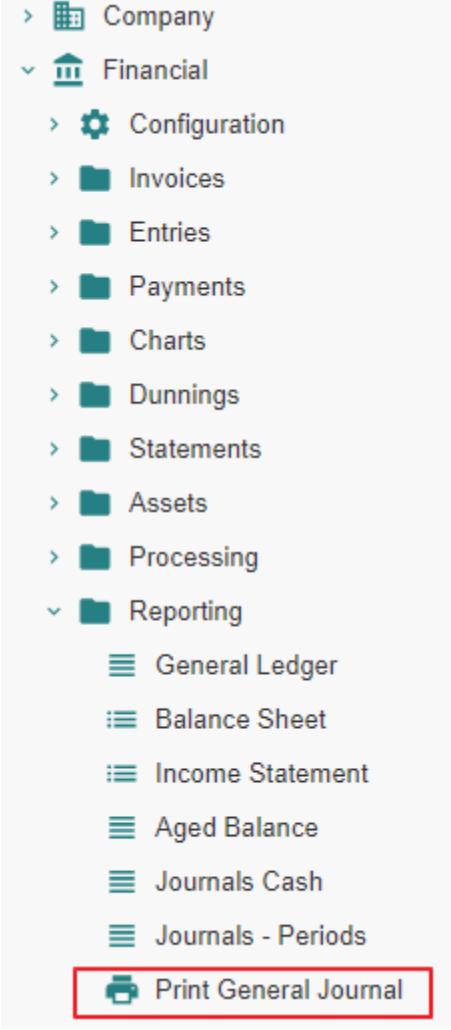
14 - Balance Sheet

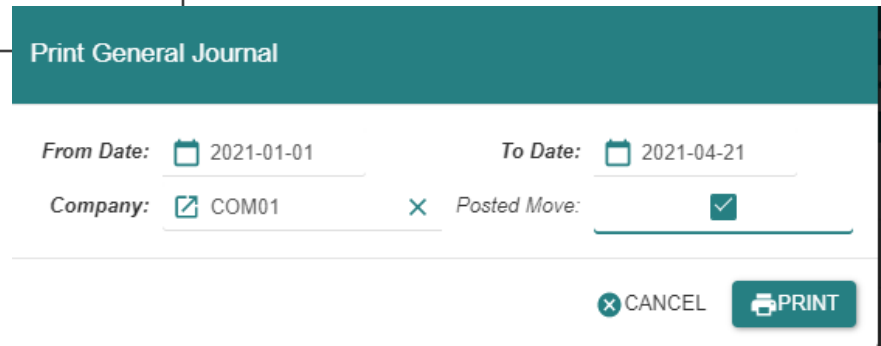




16 - General Journal

Journal Entry: 20211	Date: 04/20/2021	Origin: SIS20211 [PROD01VA01]	Posted PMS20211 04/21/2021	
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 PMS20212 04/21/2021**	
Account	**Description**		**Debit**	**Credit**
5311 Caisse en monnaie nationale			€0.00	€6.00
4011 Fournisseurs - Achats de biens et prestations de services			€6.00	€0.00





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

Motivation

What is posting in accounting?

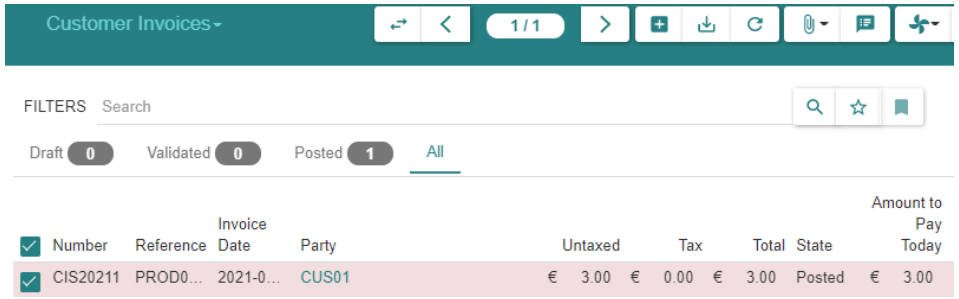
December 22, 2020

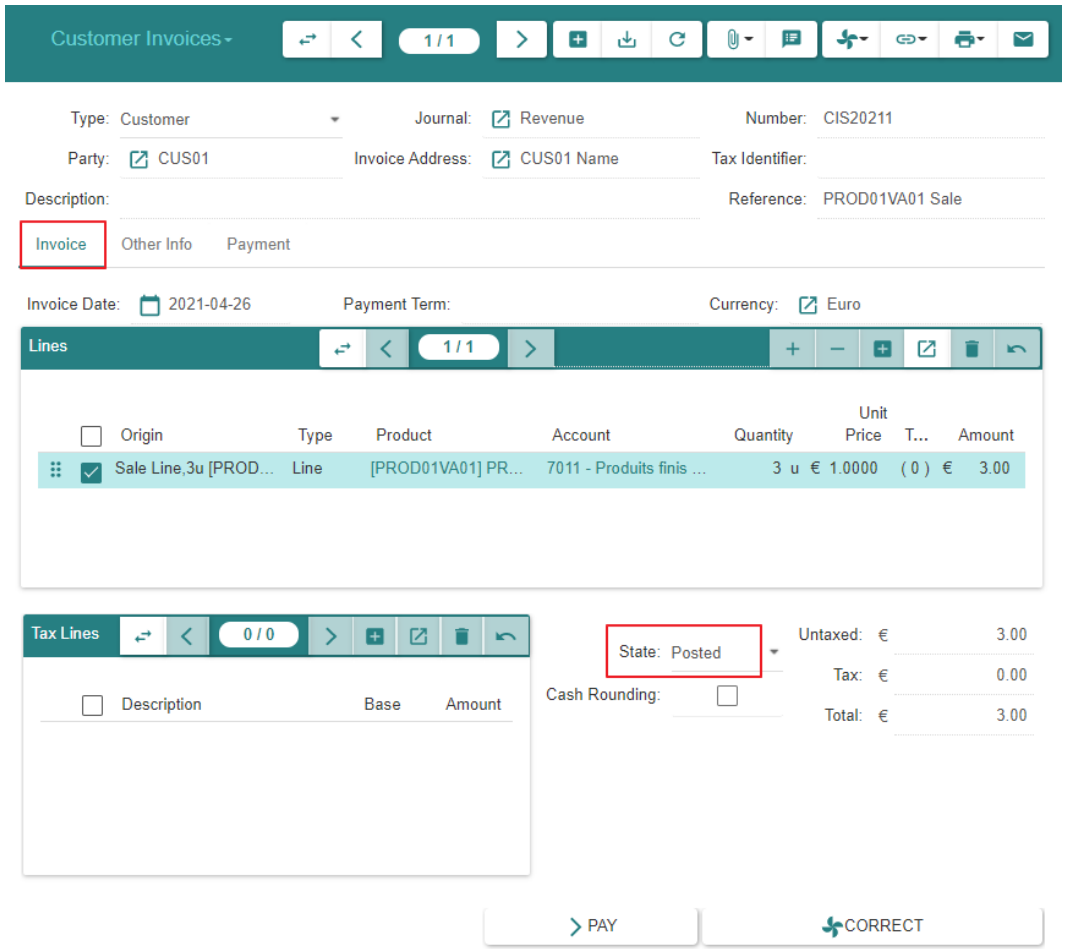
Posting in accounting is when the balances in subledgers and the general journal are shifted into the general ledger. Posting only transfers the total balance in a subledger into the general ledger, not the individual transactions in the subledger. An accounting manager may elect to engage in posting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

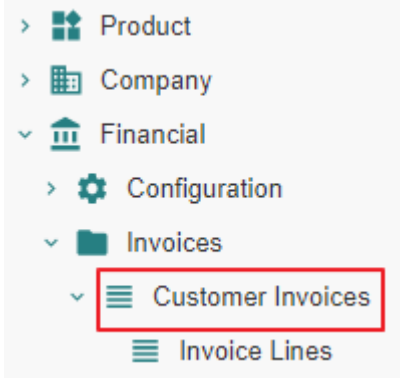
Subledgers are only used when there is a large volume of transaction activity in a certain accounting area, such as inventory, accounts payable, or sales. Thus, posting only applies to these larger-volume situations. For low-volume transaction situations, entries are made directly into the general ledger,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

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

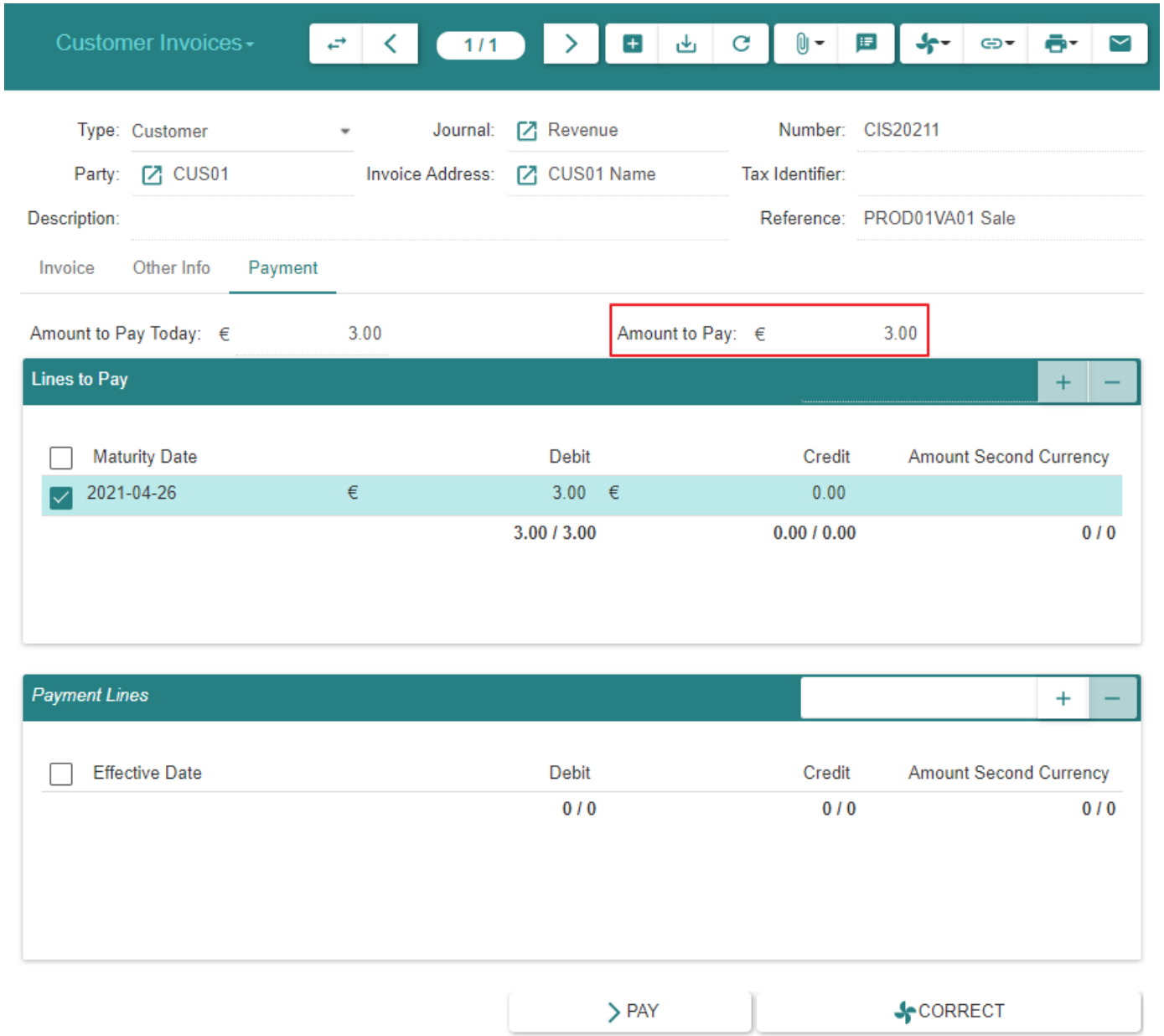
Customer Invoices (1/2)

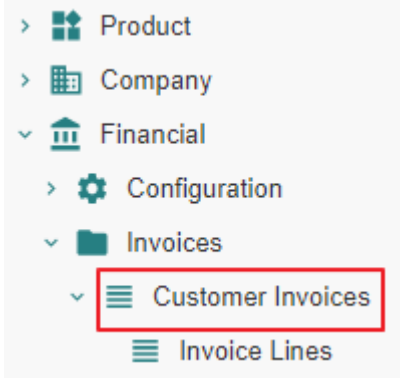






Customer Invoices (2/2)





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

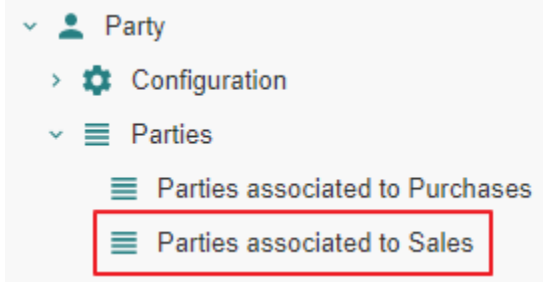
Customer Invoice - From « Validated » to « Posted »

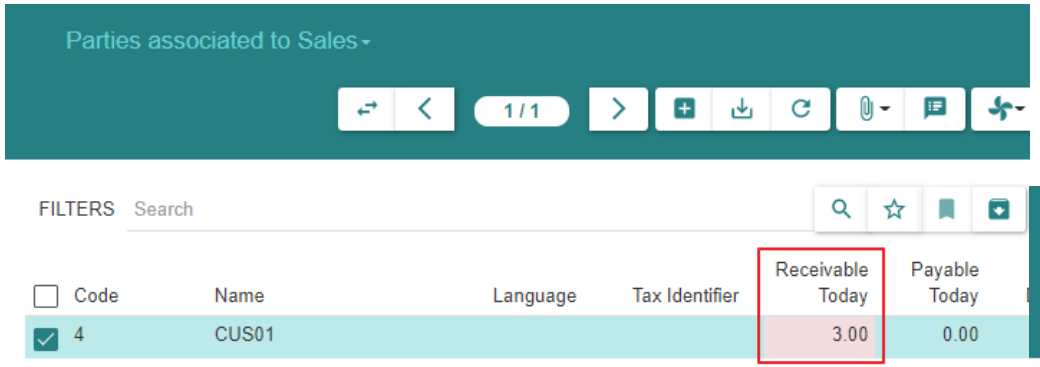
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Processing	Updated
Shipment			
Customer Shipments (Customer)	3	Done	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [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		

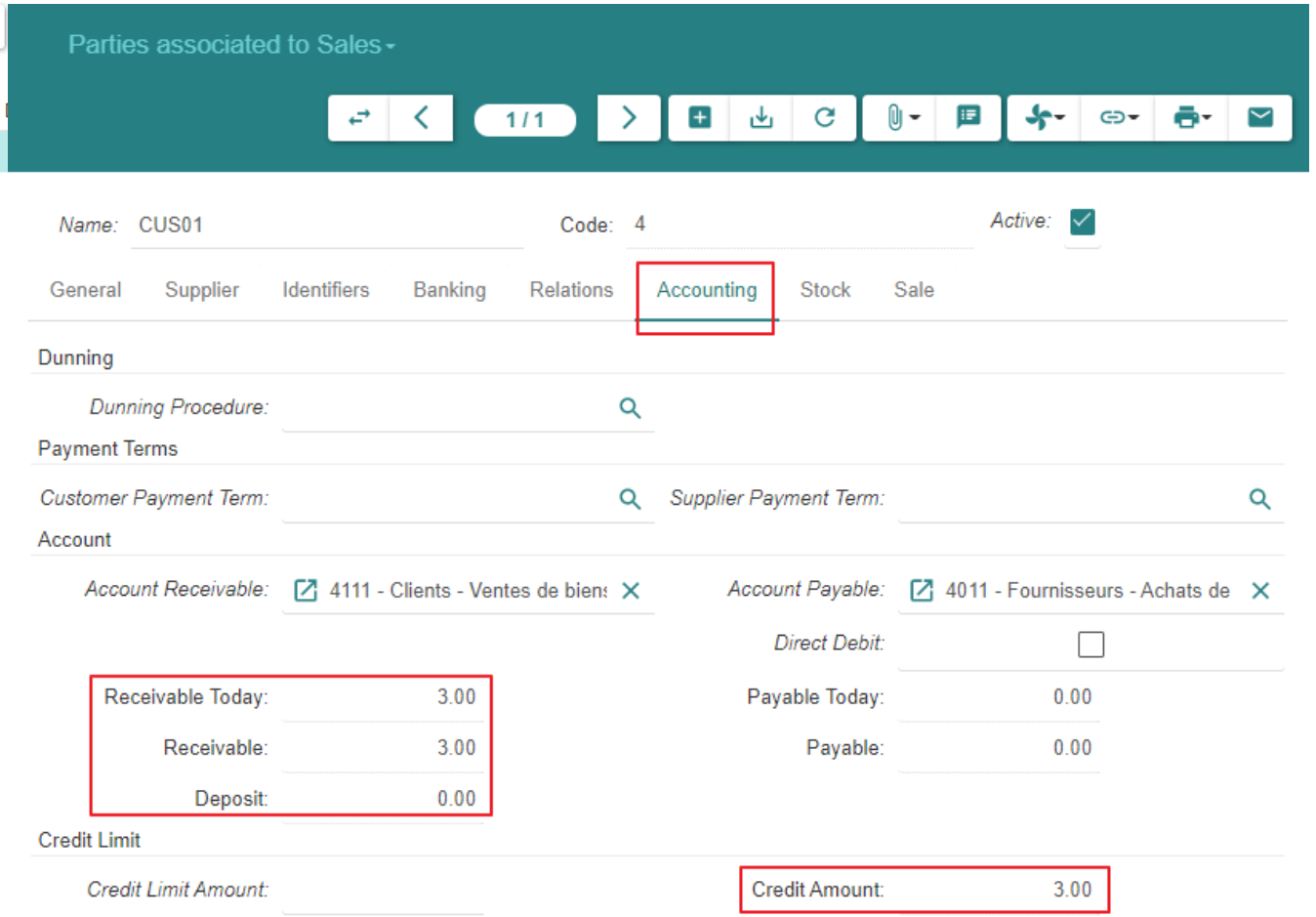
Customer Invoice - From « Validated » to « Posted »

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			

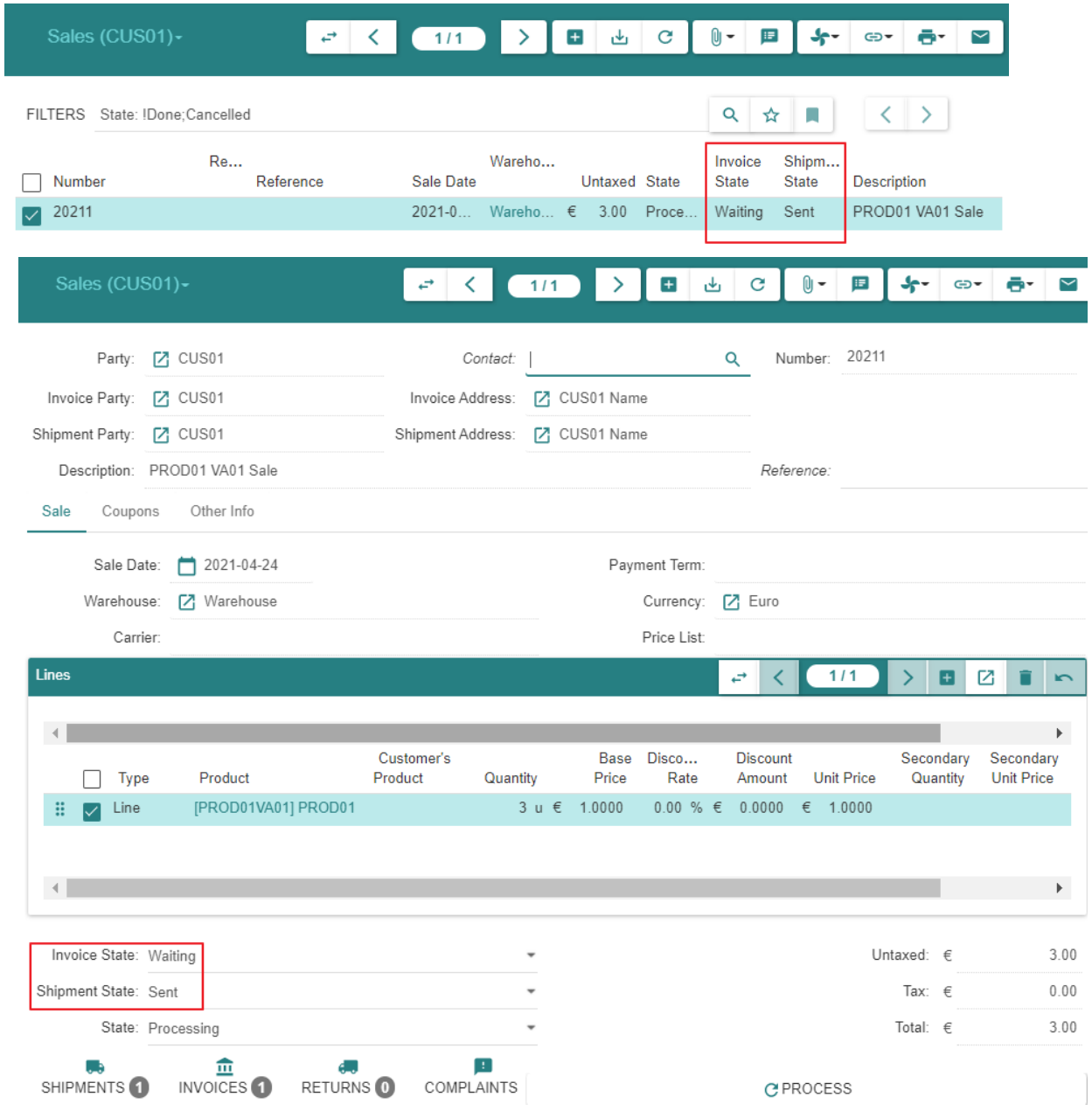
1 - Parties associated to Sales

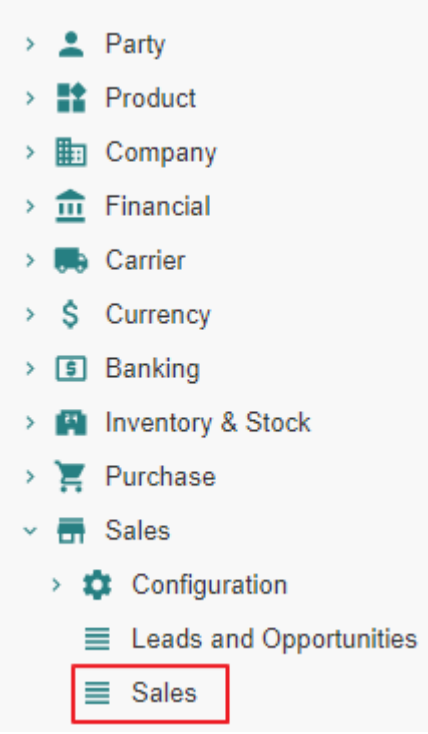




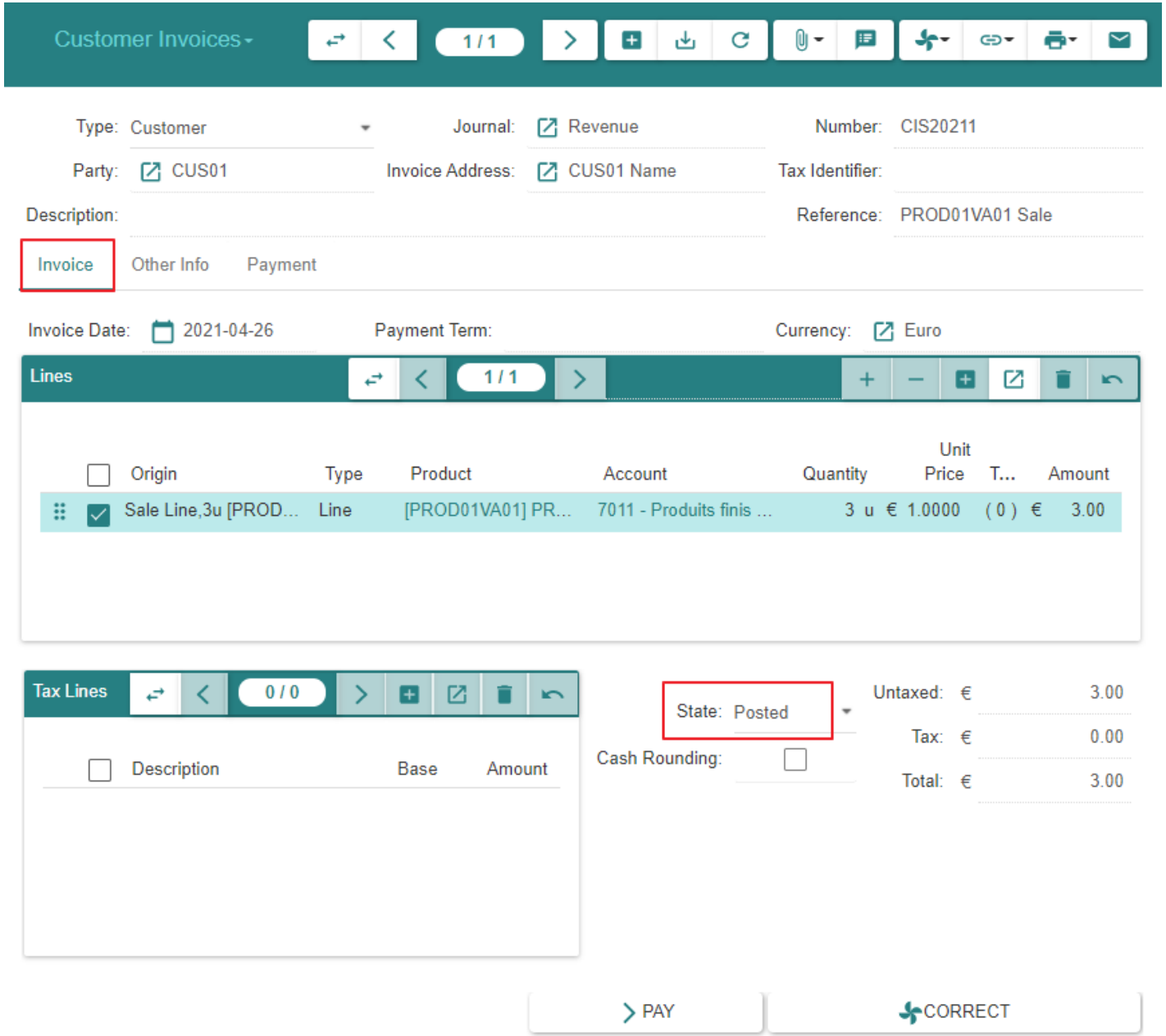


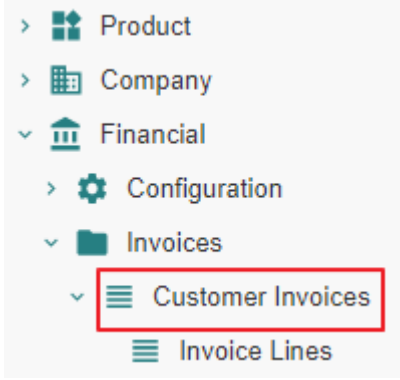
2 - Sales | Sales (CUS01)



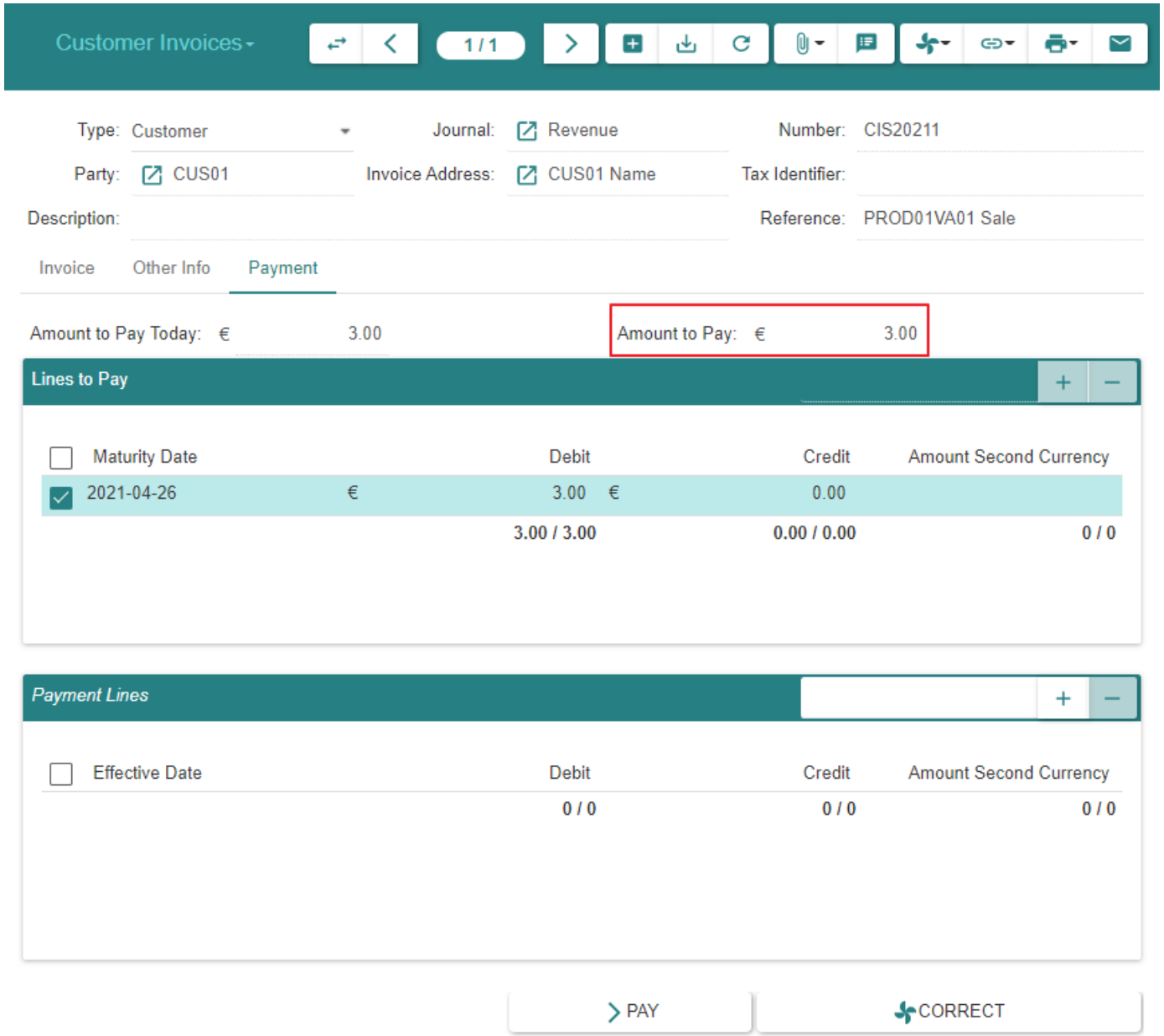


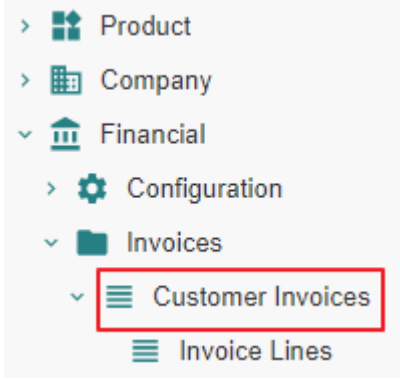
Customer Invoices (1/2)



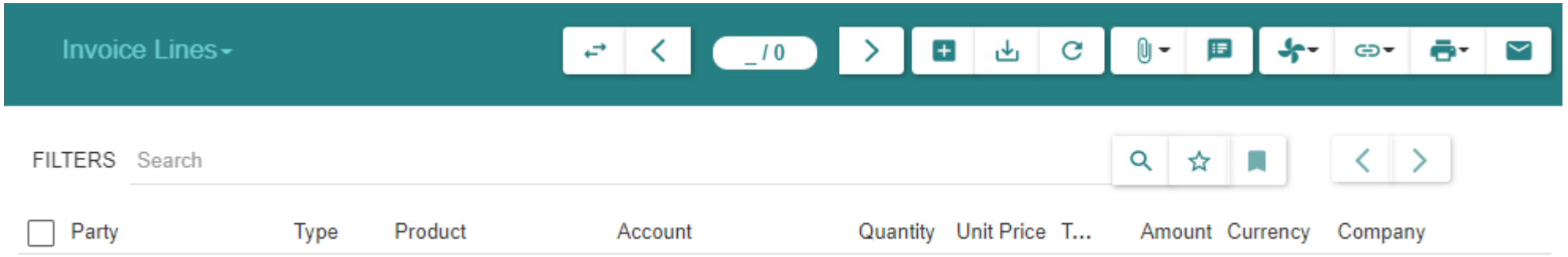


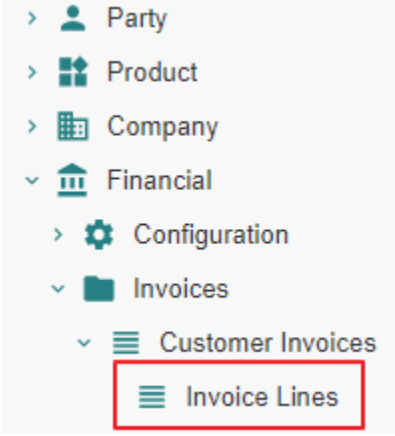
Customer Invoices (2/2)



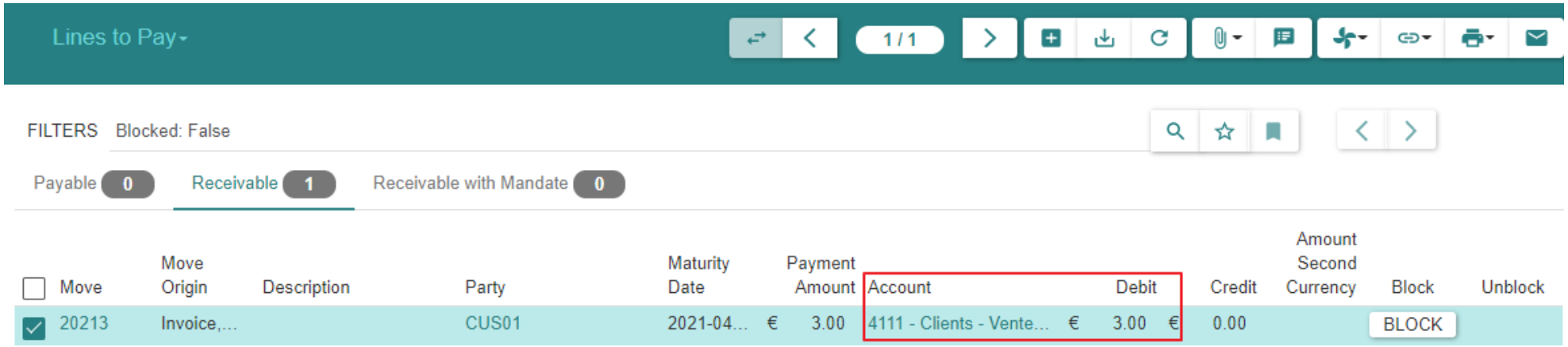


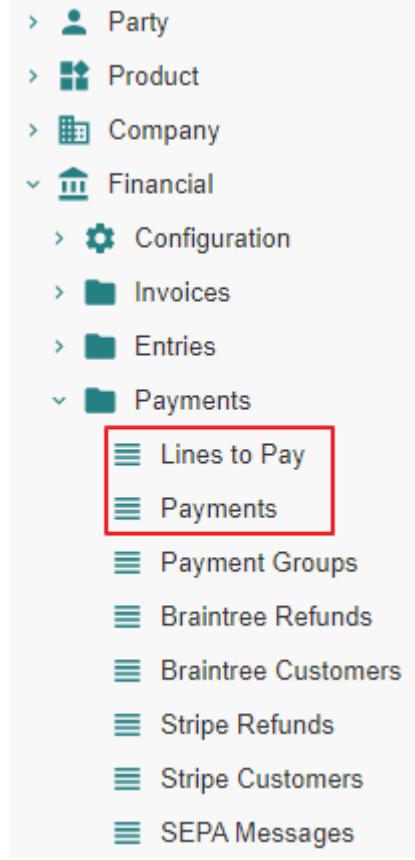
7 - Invoice Lines



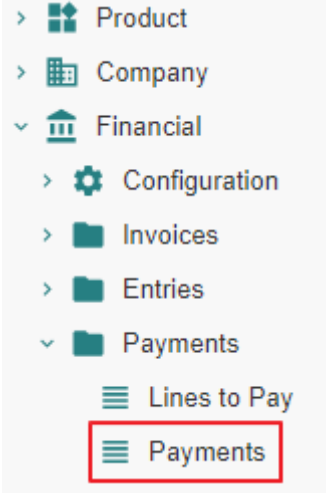


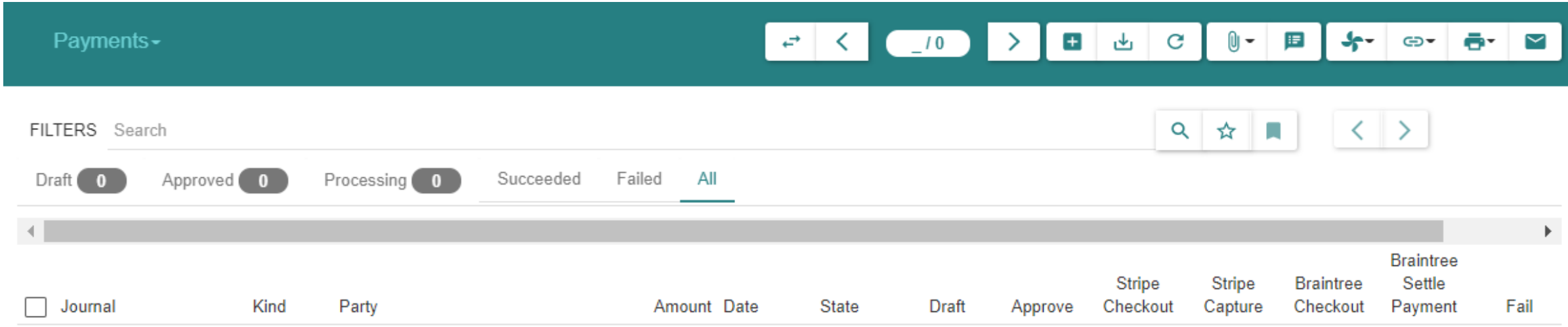
8 - Lines to Pay



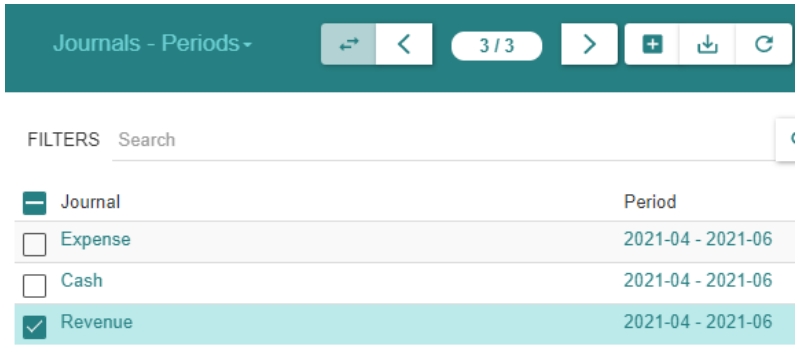


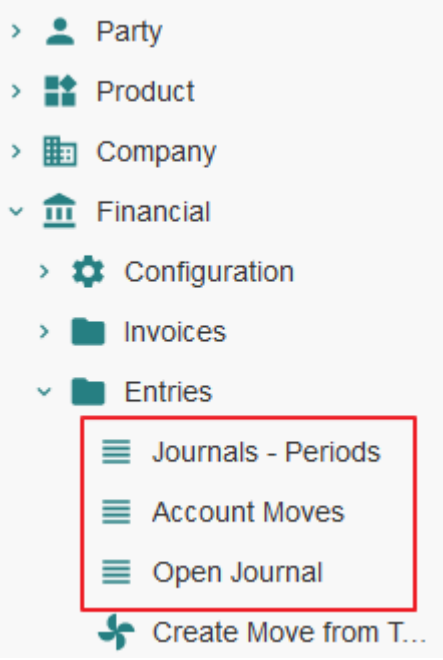
9 - Payments


Product
Company
Financial
Configuration
Invoices
Entries
Payments
Lines to Pay
Payments


Payments
_ / 0
FILTERS
Search
Draft 0
Approved 0
Processing 0
Succeeded
Failed
All
Journal
Kind
Party
Amount
Date
State
Draft
Approve
Stripe Checkout
Stripe Capture
Braintree Checkout
Braintree Settle Payment
Fail

10 - Journals - Periods



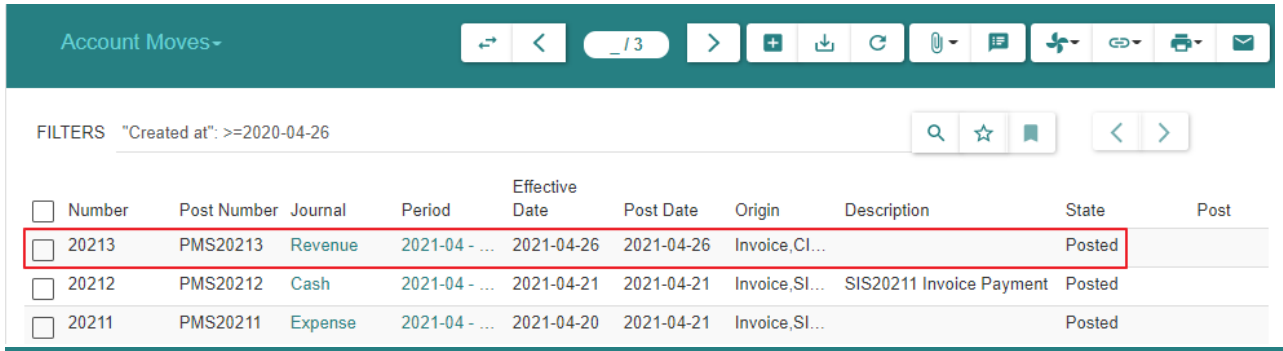


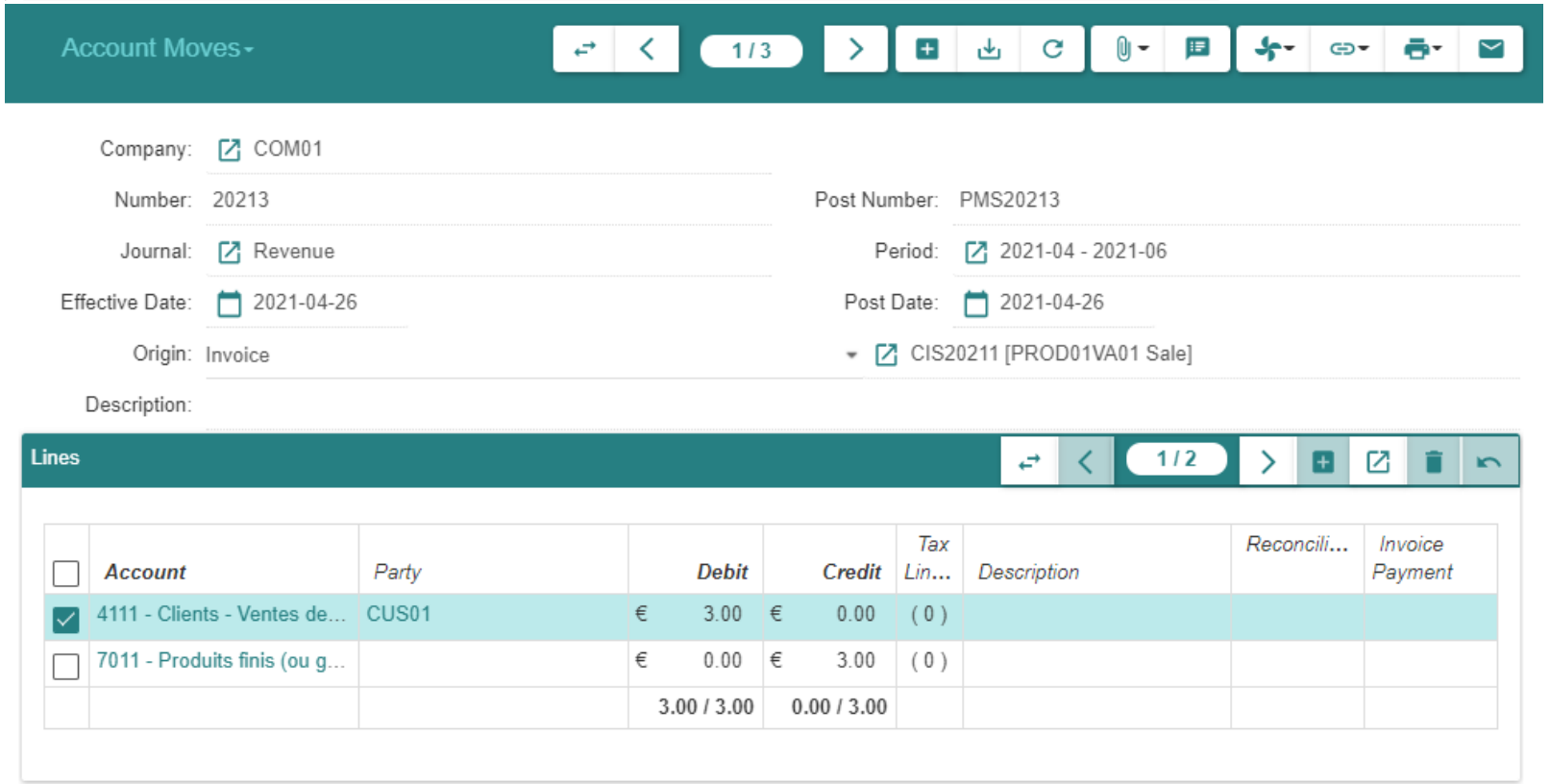
Account Move Lines - Revenue - 2021-04 - 2021-06

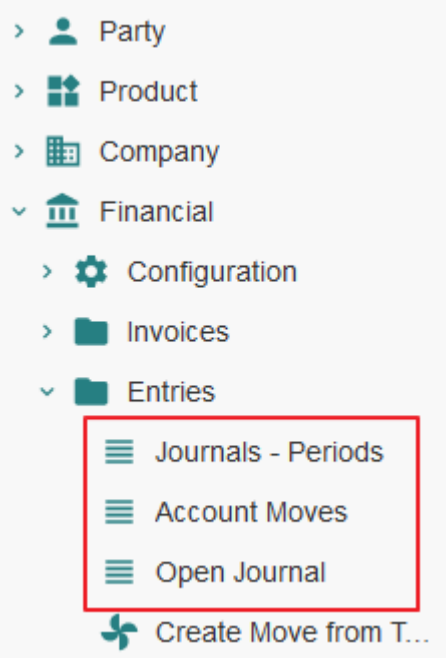
FILTERS Search

Move	Origin	Effective Date	Account	Party	Debit	Credit	Tax Li...	Description	Move Description	Reconc...	Invoice Payment	State	Move State
20213		2021-0...	4111 - Clients - Ven...	CUS01	€ 3.00	€ 0.00	(0)					Valid	Posted
20213	Invoice Line,3u [P...	2021-0...	7011 - Produits fini...		€ 0.00	€ 3.00	(0)					Valid	Posted
					0.00 / 3.00	0.00 / 3.00							

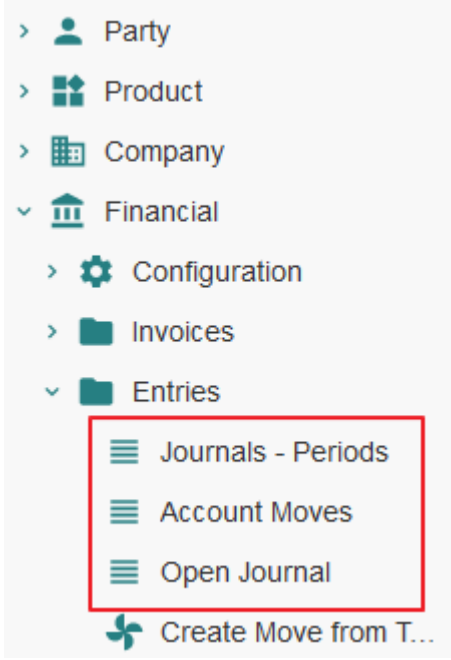
11 - Account Moves







12 - Open Journal



Search Journal

FILTERS Search

	Code	Name	Type
○	ASS	Asset	Asset
○	CASH	Cash	Cash
○	EXP	Expense	Expense
◉	REV	Revenue	Revenue
○	STO	Stock	General

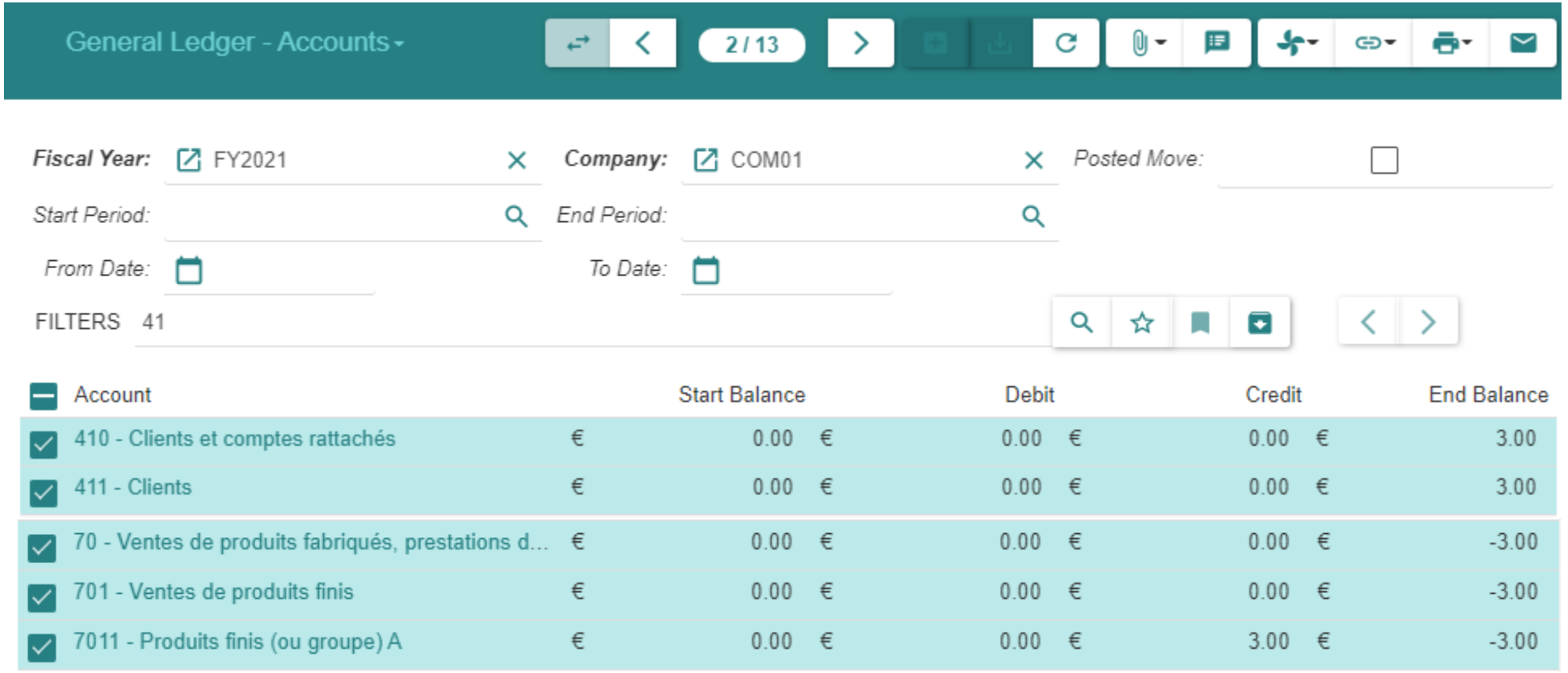
Account Move Lines - Revenue - 2021-04 - 2021-06

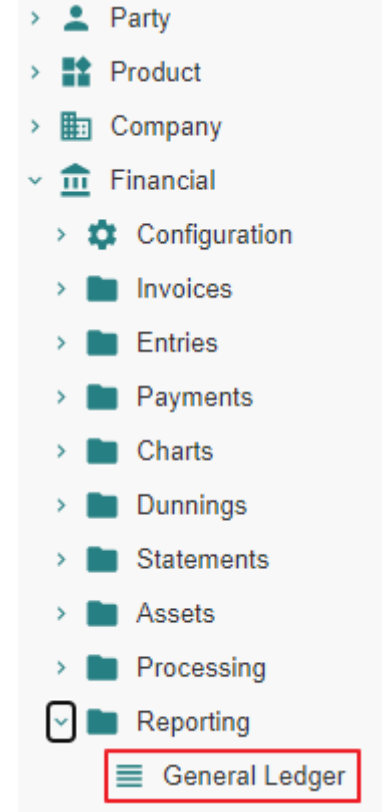
_ / 2

FILTERS Search

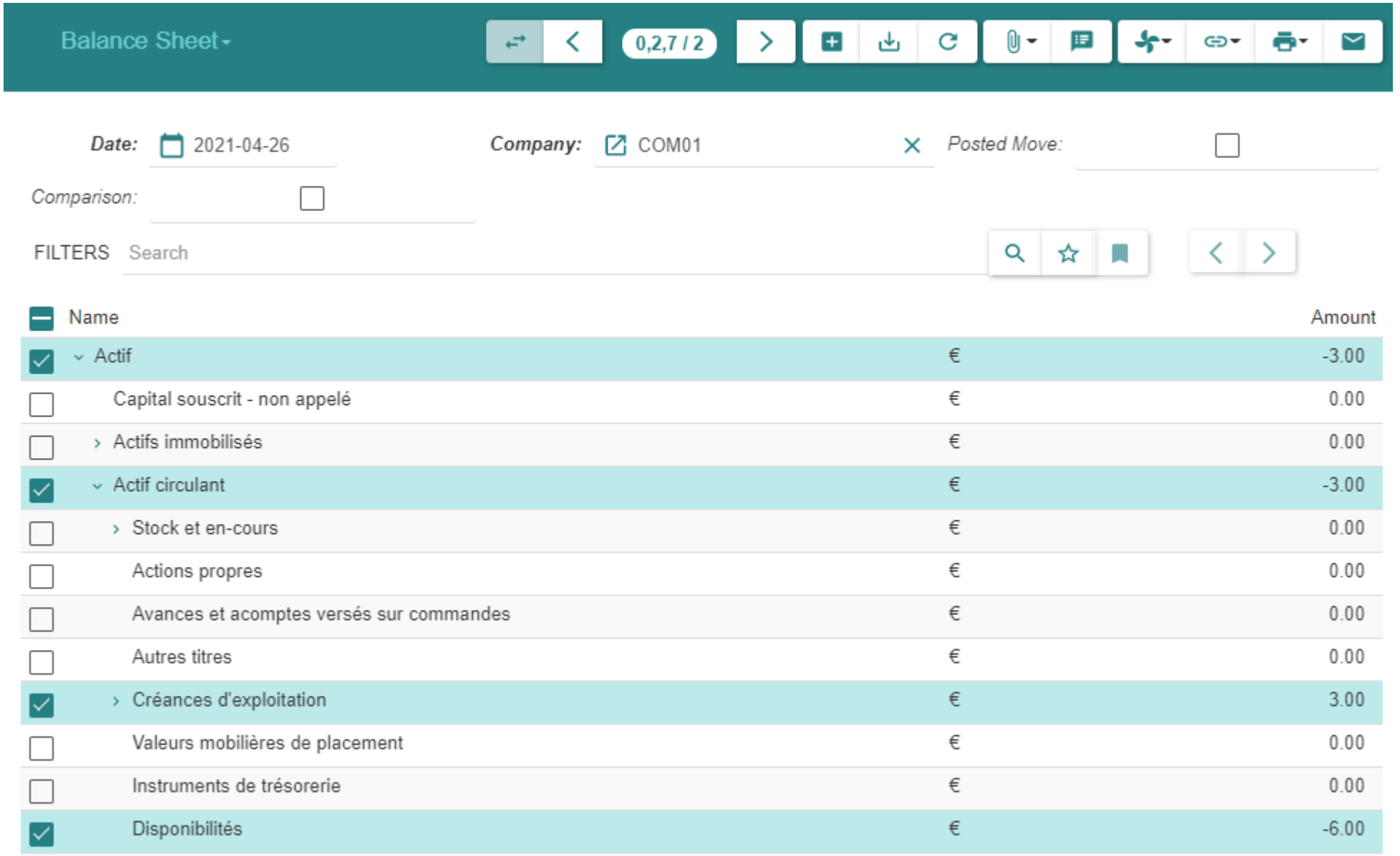
	Move	*Origin*	*Effective Date*	*Account*	*Party*	*Debit*	*Credit*	*Tax Li...*	*Description*	*Move Description*	*Reconc...*	*Invoice Payment*	*State*	*Move State*
☐	20213		2021-0...	4111 - Clients - Ven...	CUS01	€ 3.00	€ 0.00	(0)					Valid	Posted
☐	20213	Invoice Line,3u [PR...	2021-0...	7011 - Produits fini...		€ 0.00	€ 3.00	(0)					Valid	Posted
						0.00 / 3.00	0.00 / 3.00							

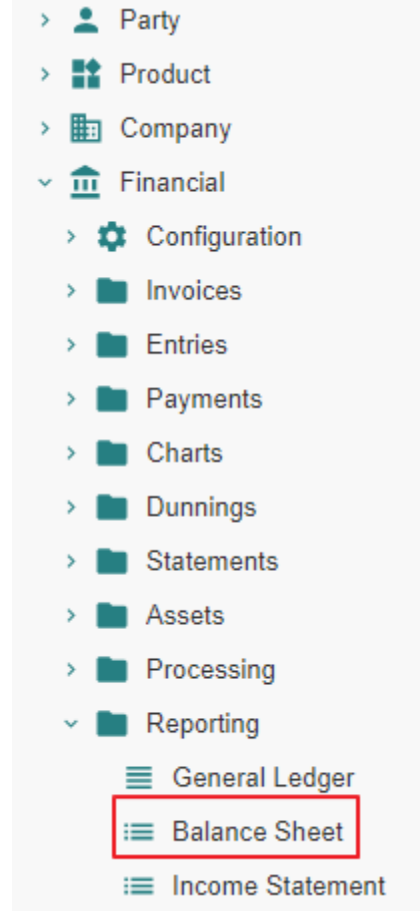
13 - General Ledger



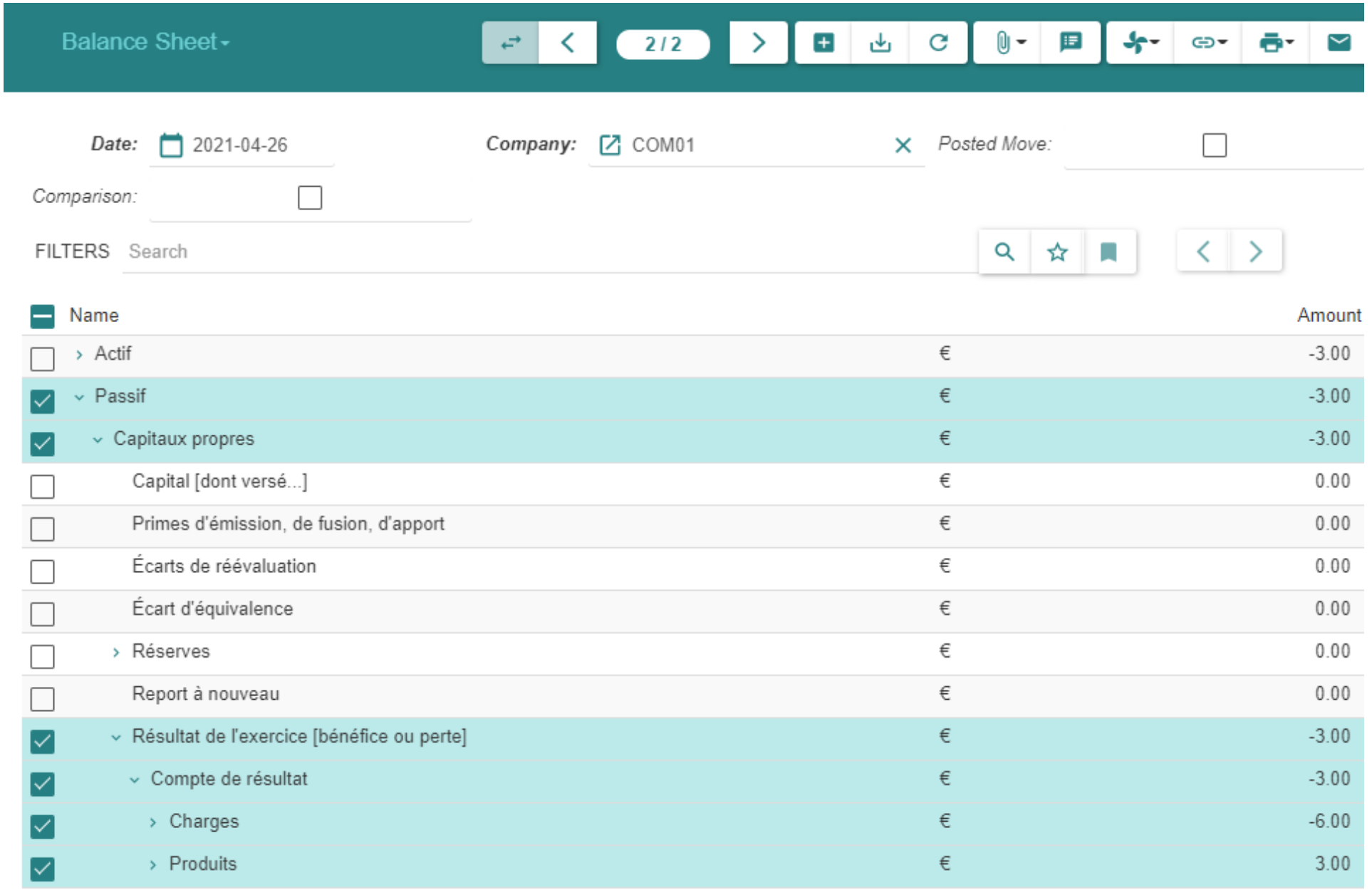


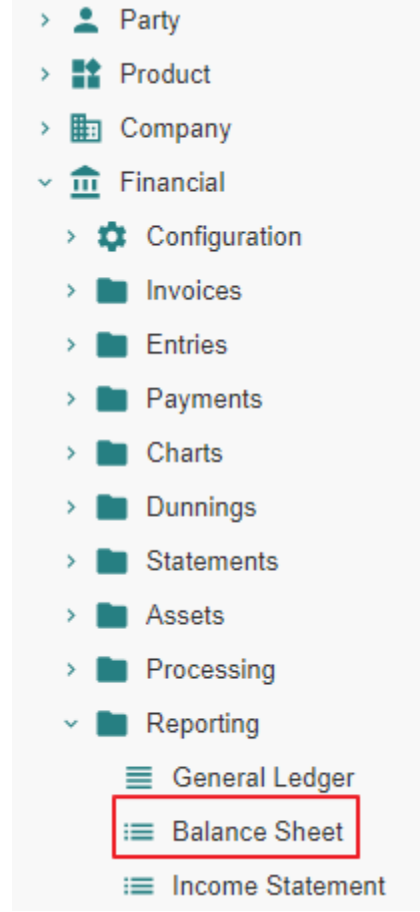
14 - Balance Sheet





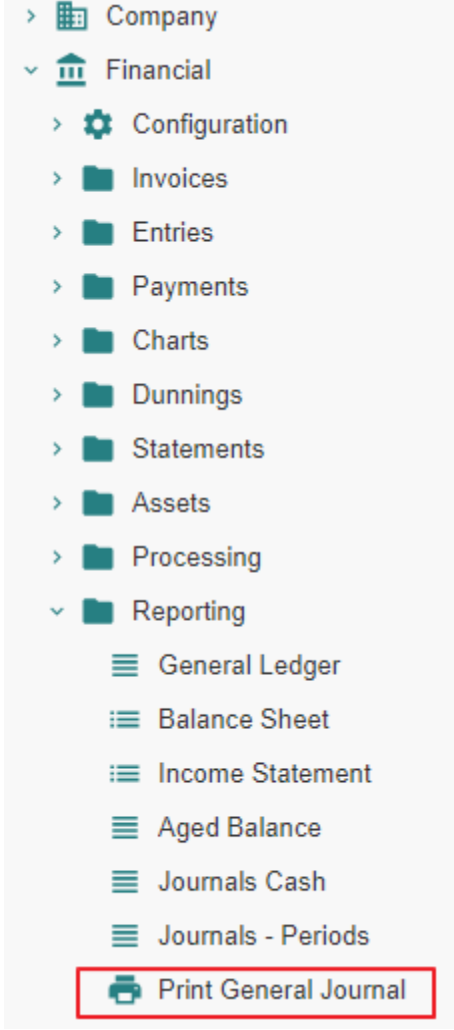
14 - Balance Sheet

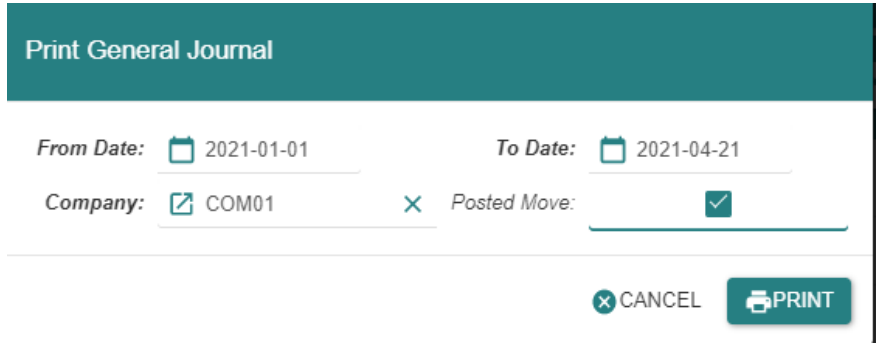




16 - General Journal

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 Produits finis (ou groupe) A			€0.00	€3.00



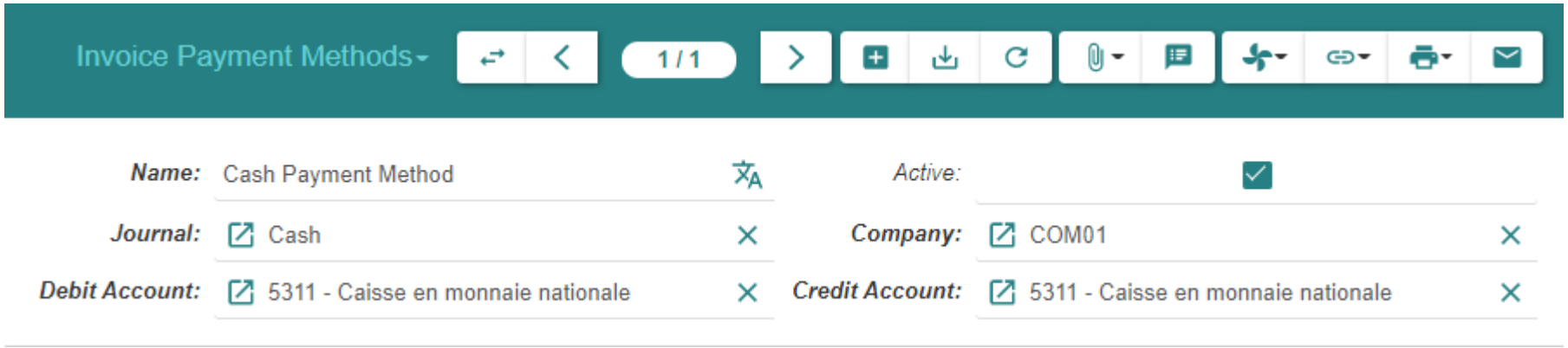


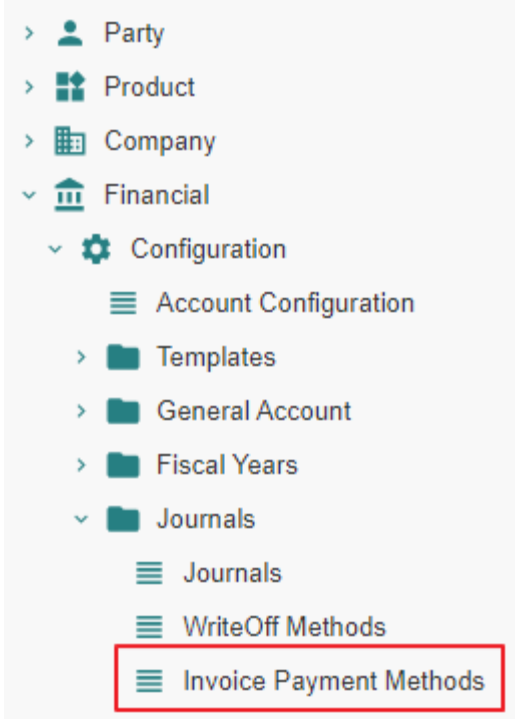
Customer Payment - State Changes - Actual States

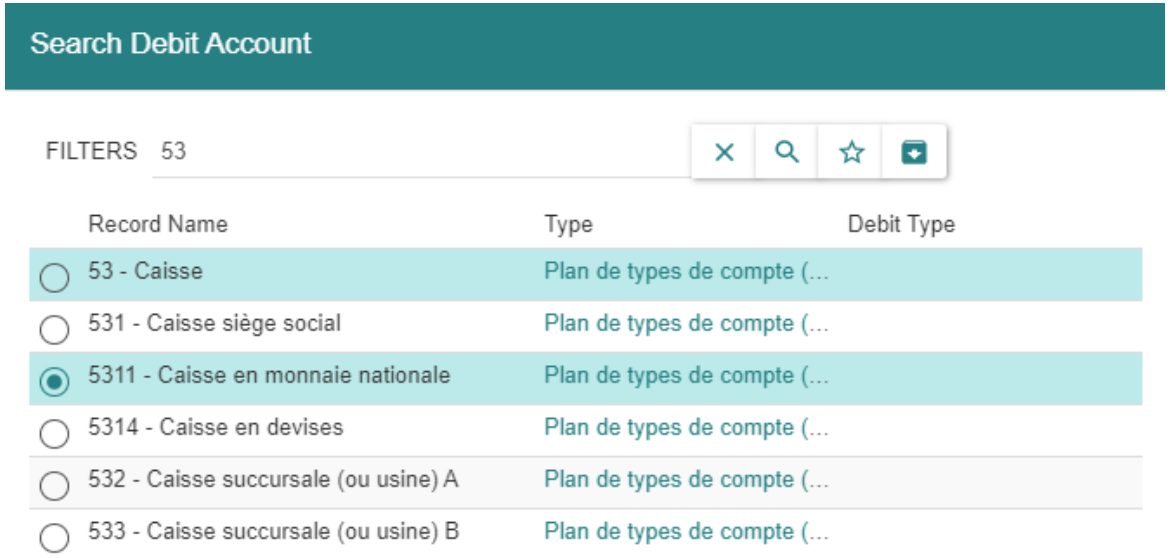
Payment

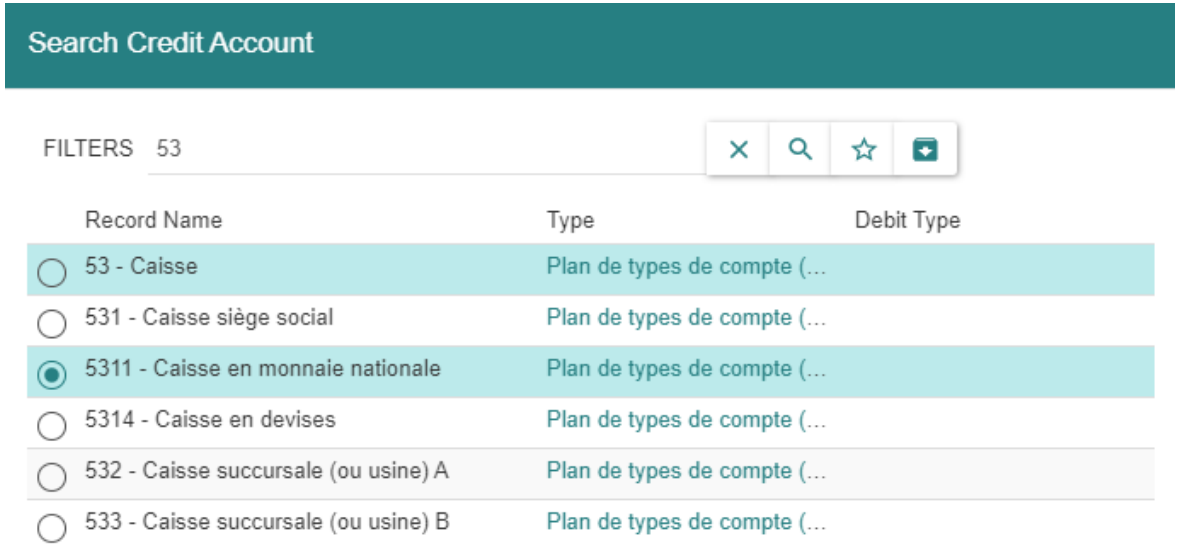
Payment Precondition

Invoice Payment Method



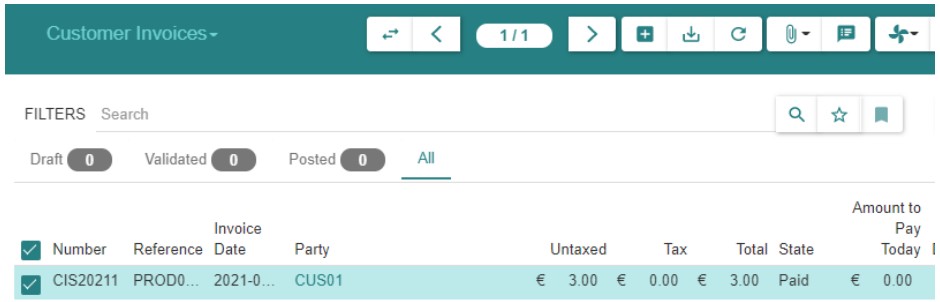


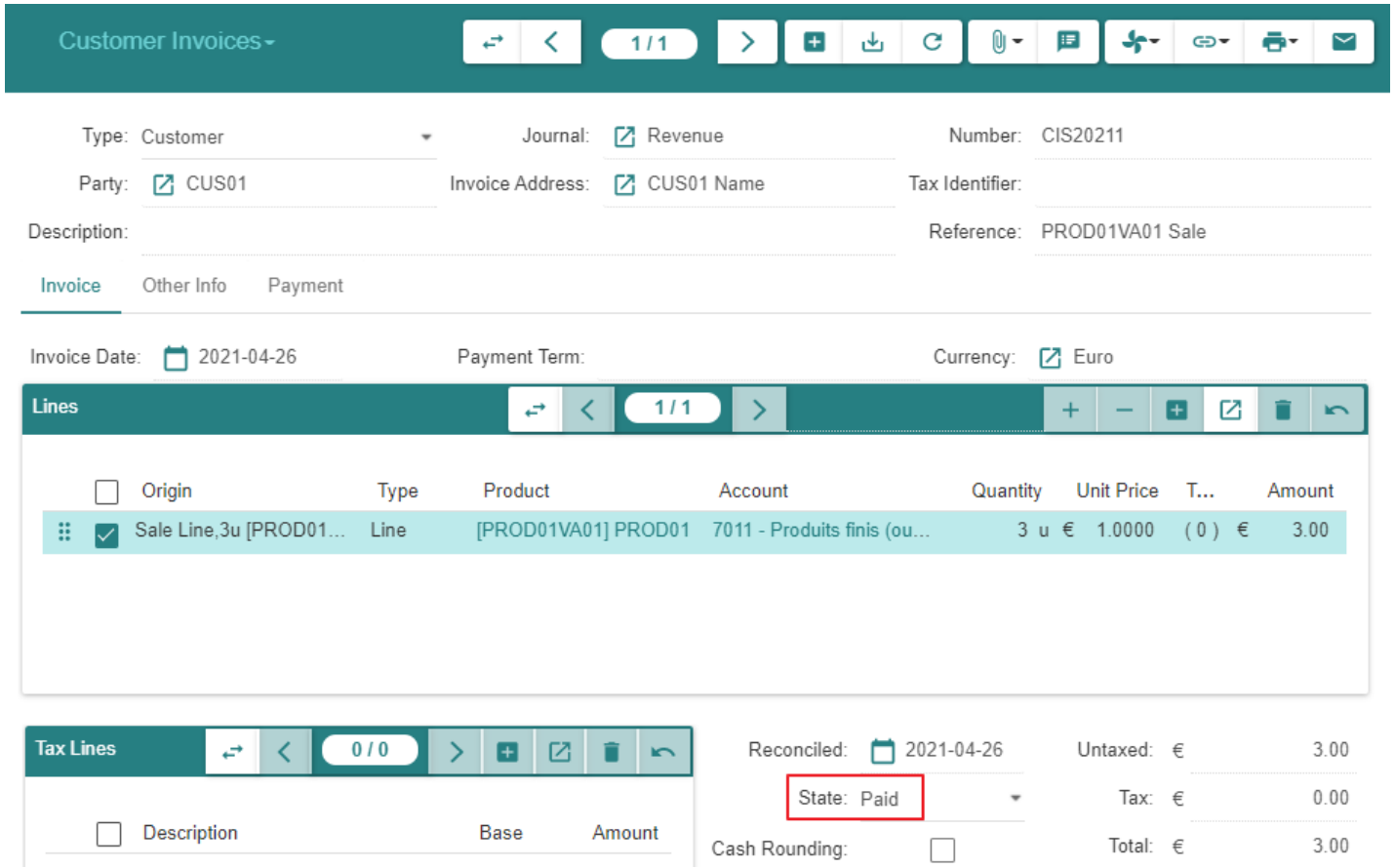


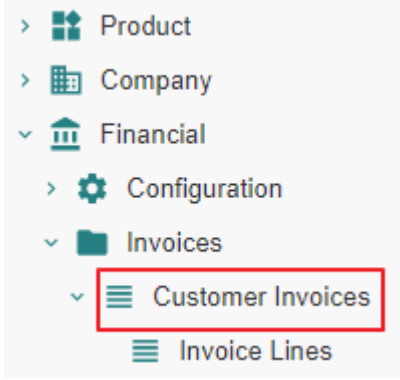


Payment Action

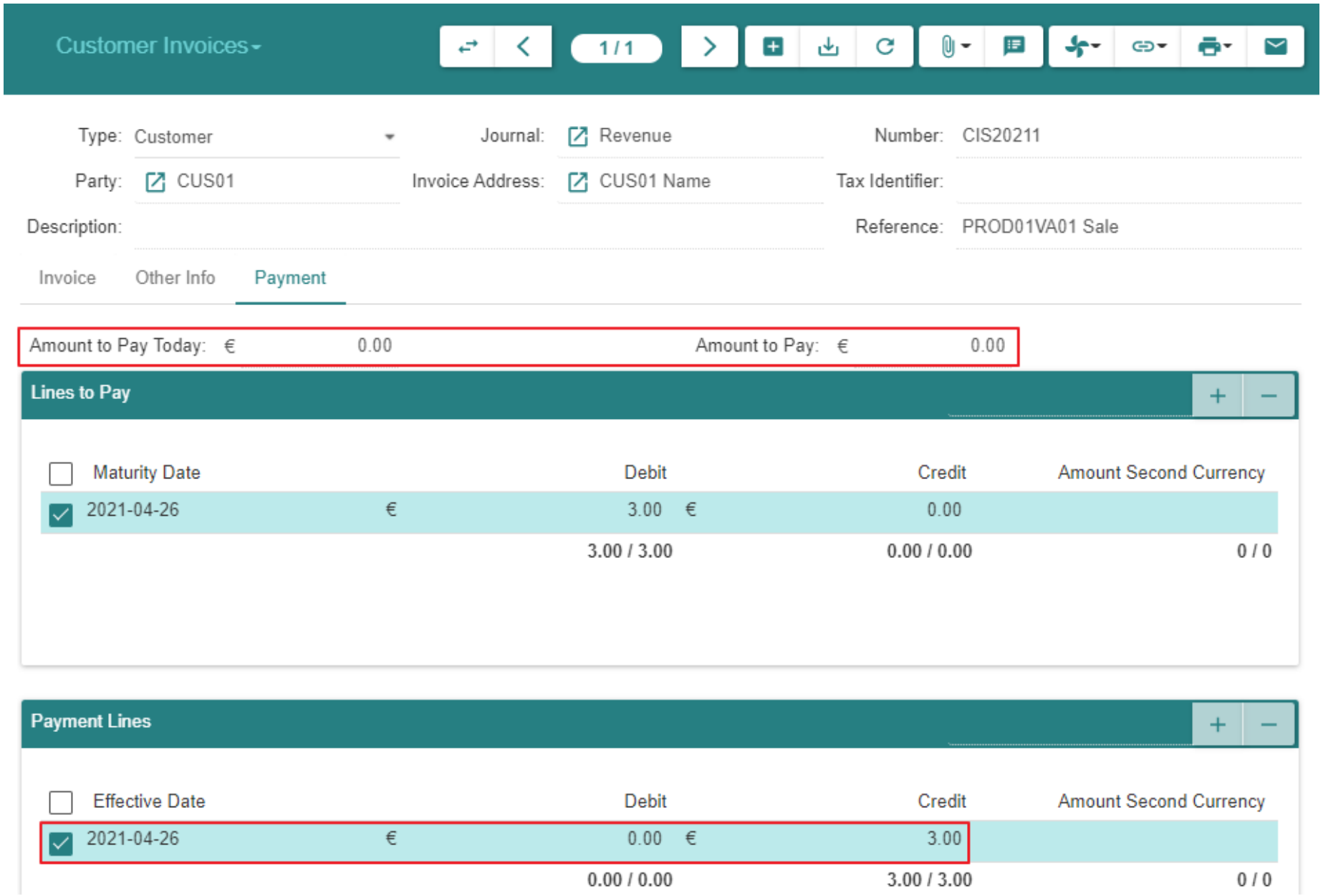
Customer Invoices (1/2)

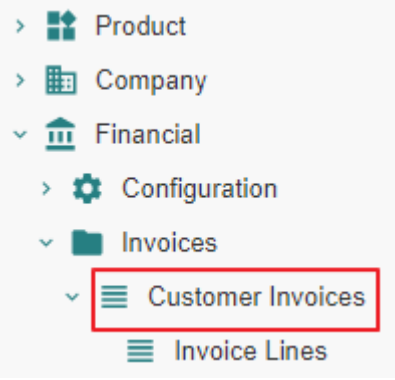






Customer Invoices (2/2)





Payment Impact

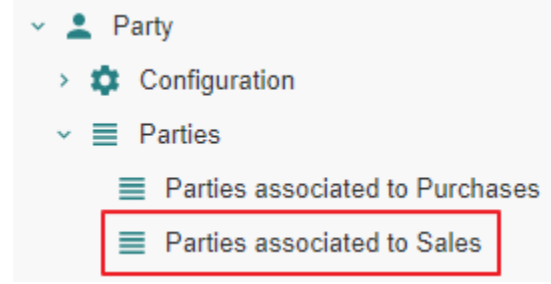
Payment

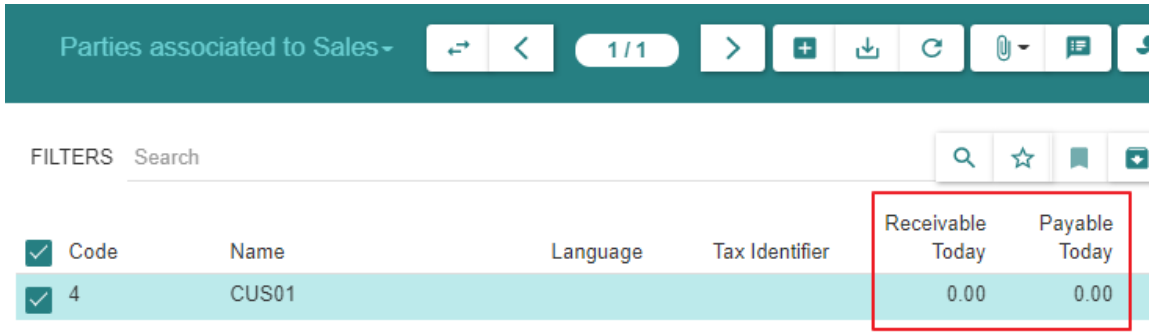
		State	Created - Updated - Deleted -Linked
Customer			
Parties associated to Sales	1		Linked to Sale
Sale			
Sales (Customer)	2	Done	Updated
Shipment			
Customer Shipments (Customer)	3	Done	Updated
Stock			
Stock Locations	4		Updated [Storage Zone += Move ; Output Zone -= Move]
Stock Moves	5	Done [Storage 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		

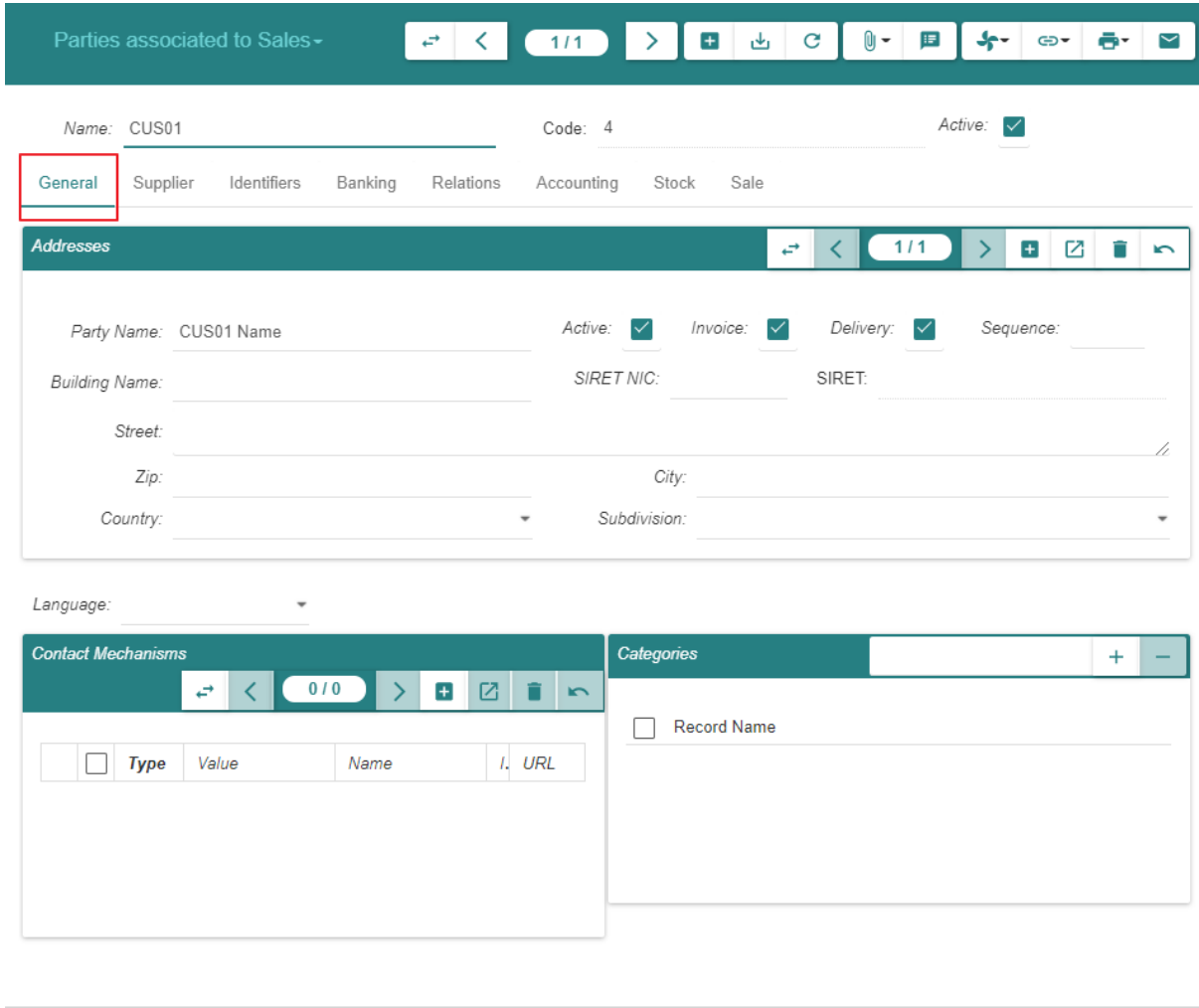
Payment

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			

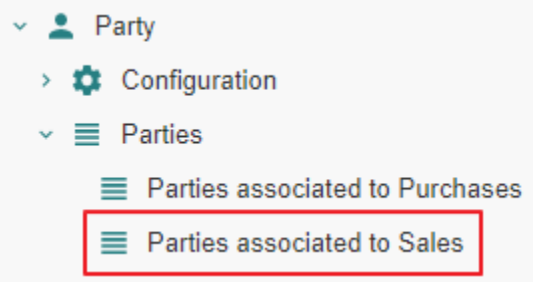
1 - Parties associated to Sales







1 - Parties associated to Sales



Parties associated to Sales 1 / 1

Name: CUS01 Code: 4 Active:

General Supplier Identifiers Banking Relations Accounting Stock Sale

Dunning

Dunning Procedure:

Payment Terms

Customer Payment Term: Supplier Payment Term:

Account

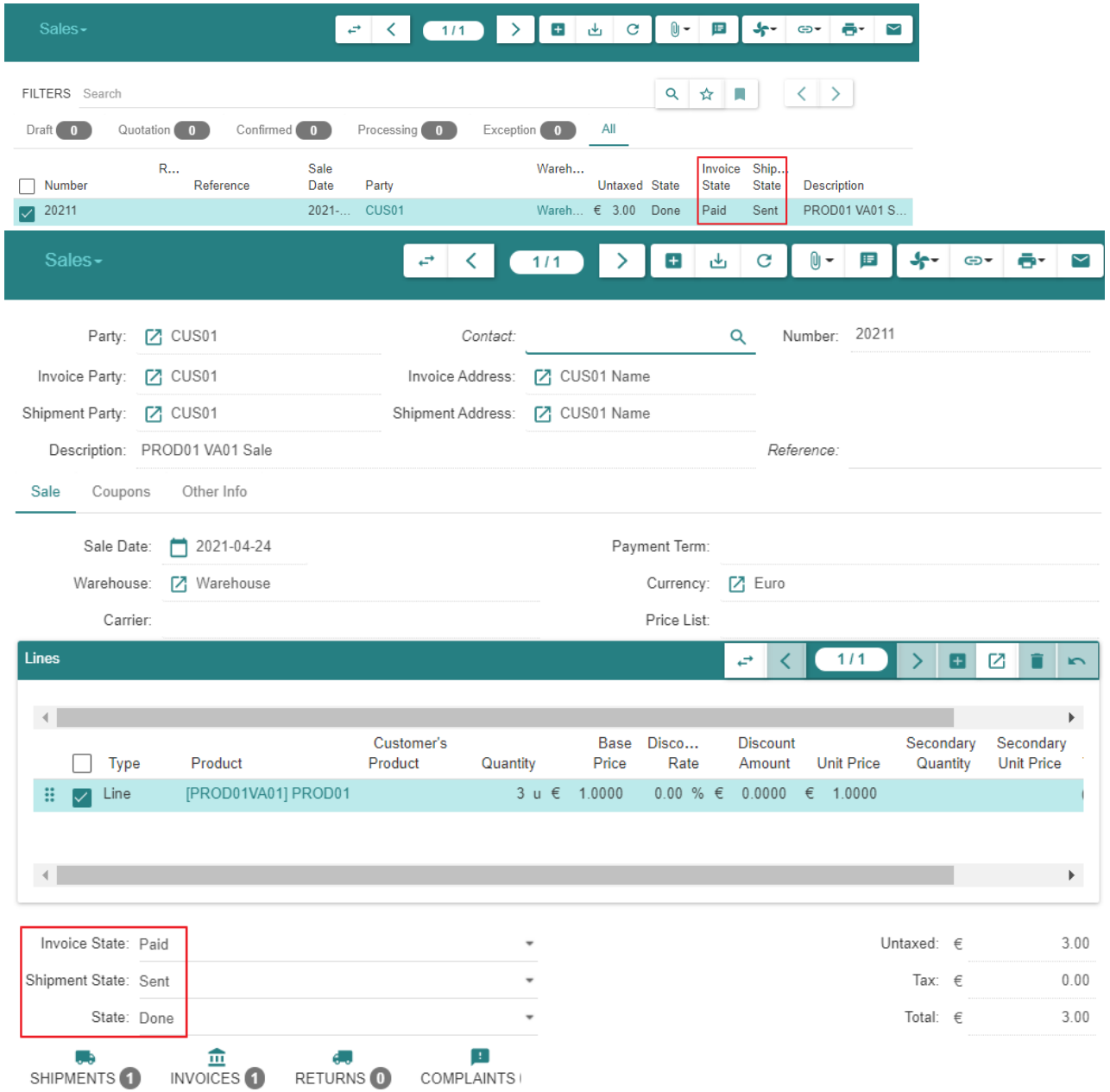
Account Receivable: 4111 - Clients - Ventes de biens ou de

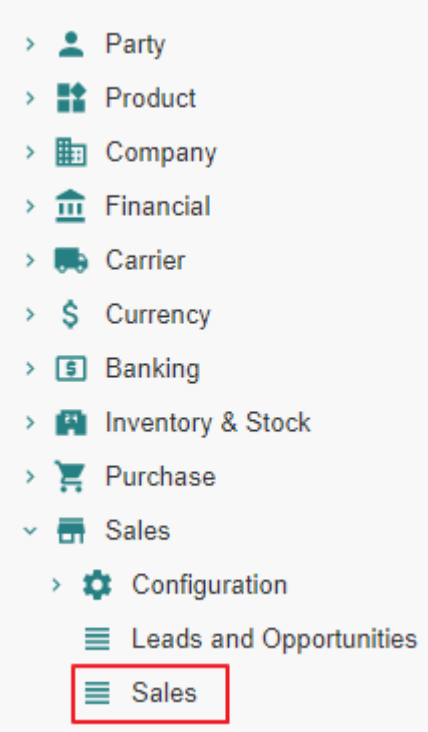
Account Payable: 4011 - Fournisseurs - Achats de biens et

Direct Debit:

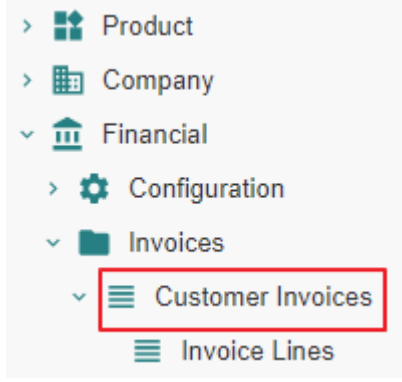
Receivable Today:	0.00	Payable Today:	0.00
Receivable:	0.00	Payable:	0.00
Deposit:	0.00		

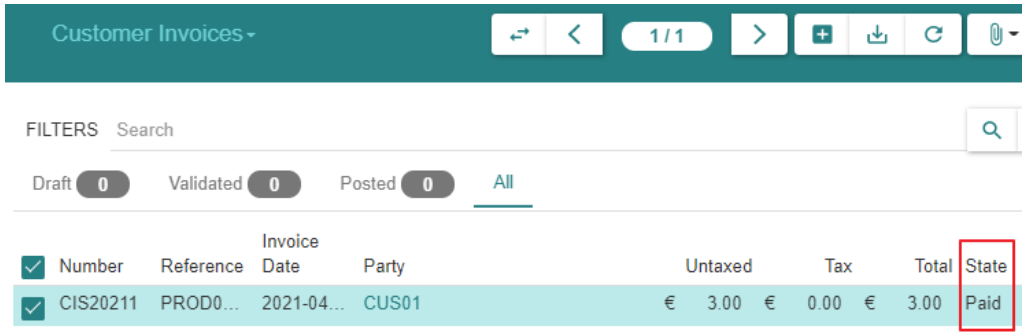
2 - Sales | Sales (CUS01)

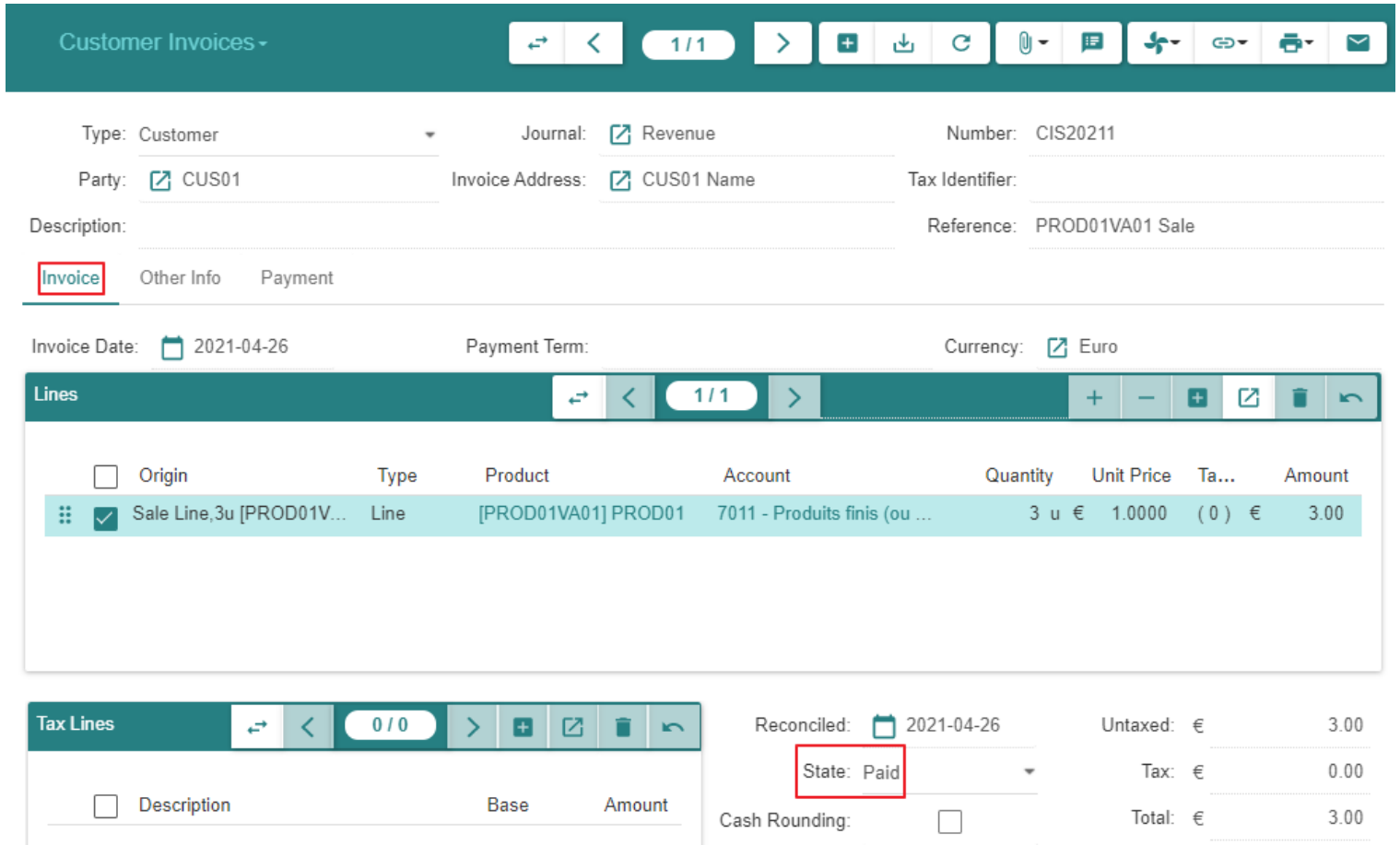




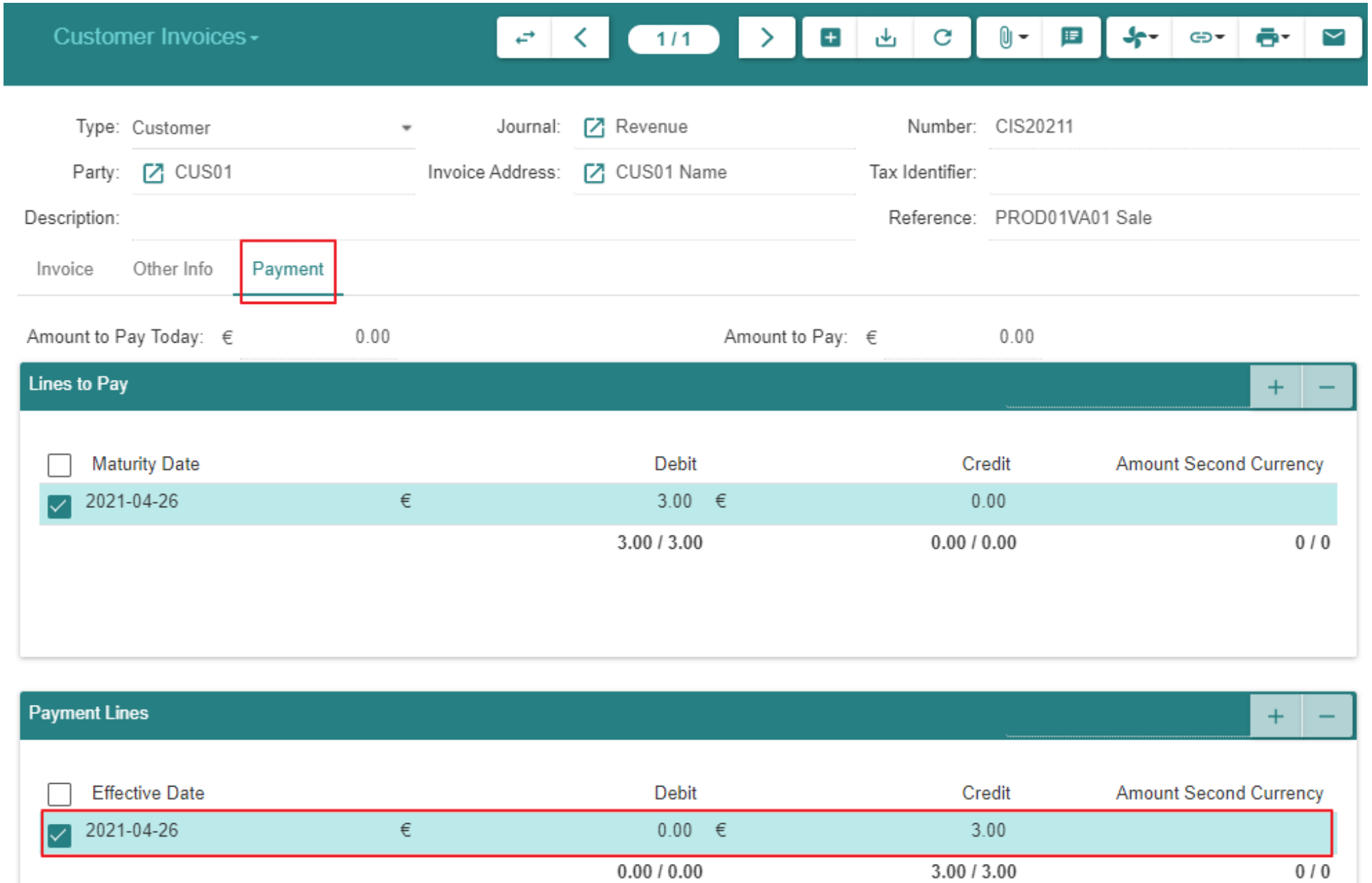
Customer Invoices (1/2)

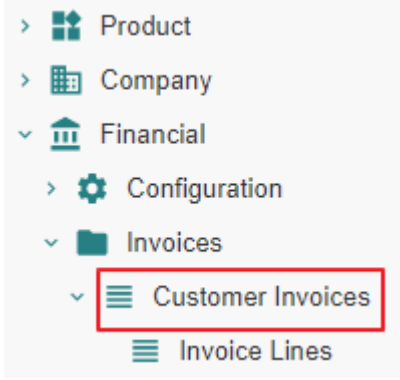




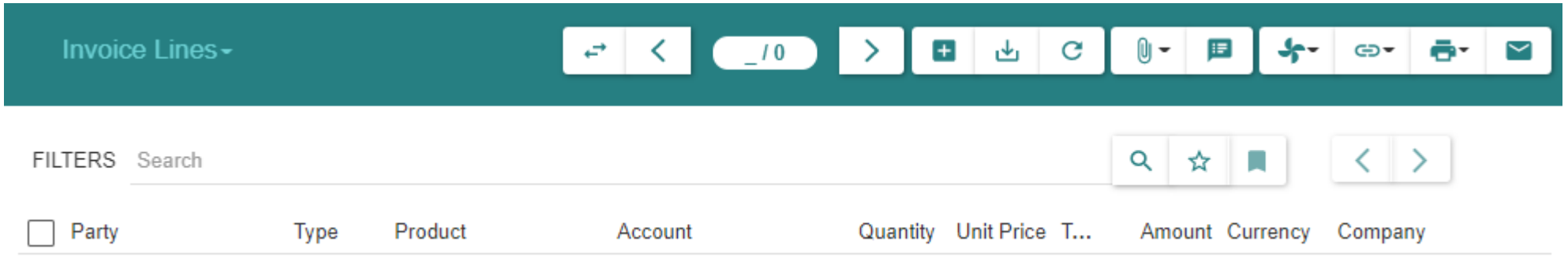


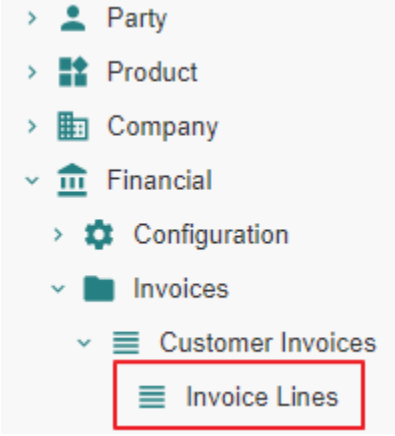
Customer Invoices (2/2)



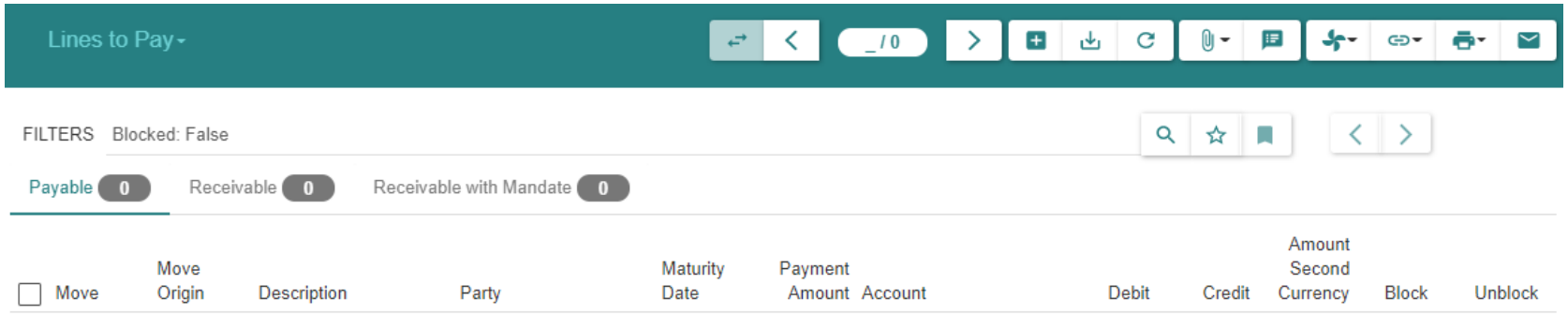


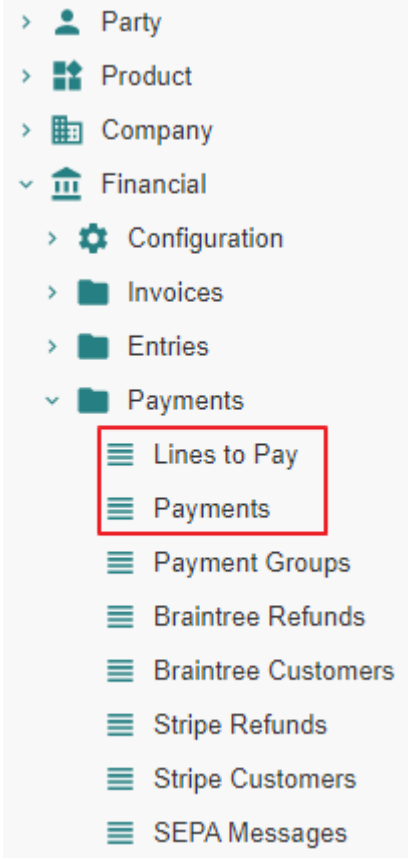
7 - Invoice Lines



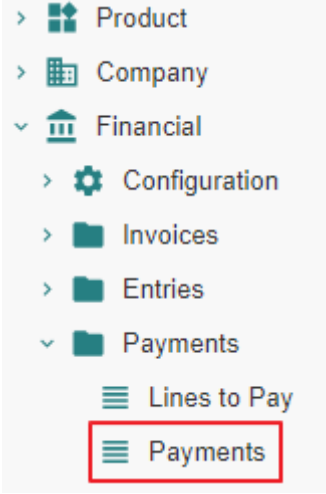


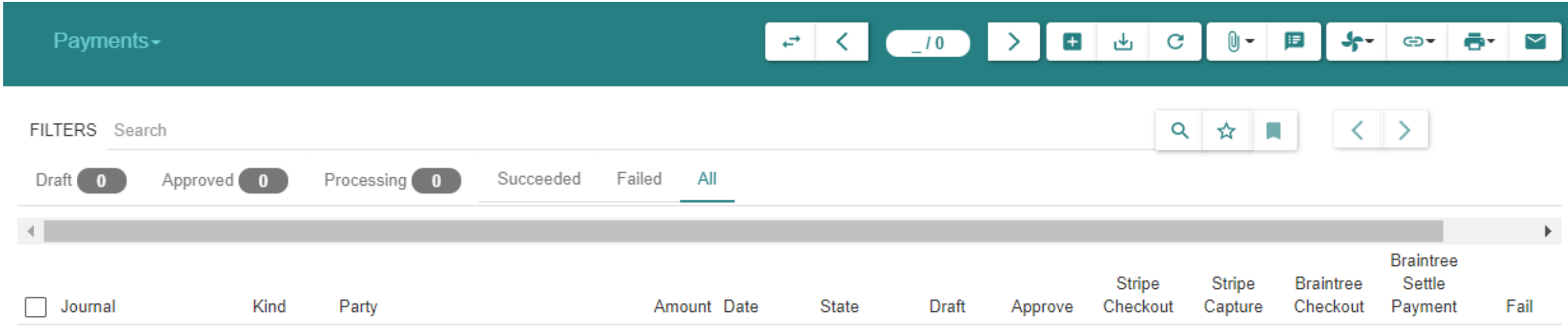
8 - Lines to Pay



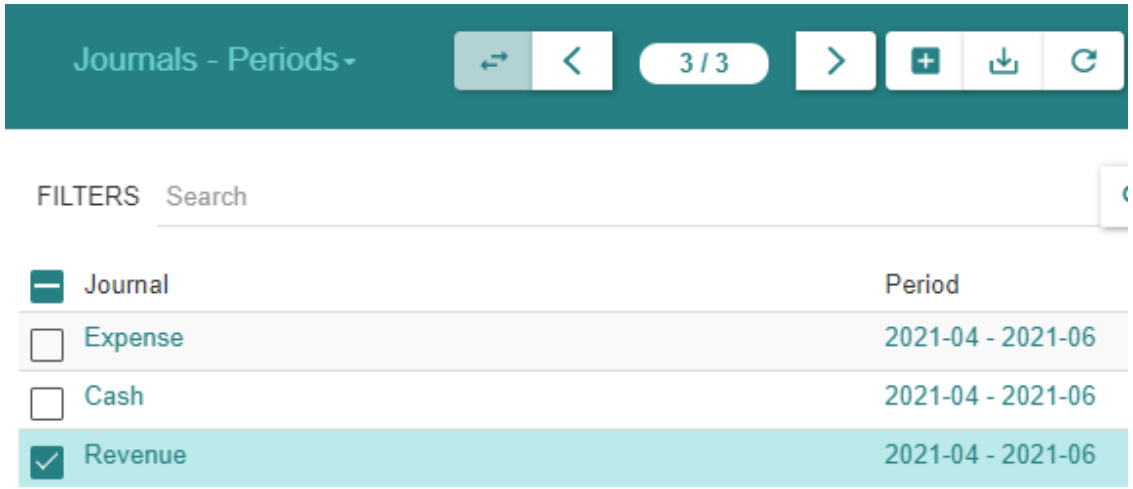


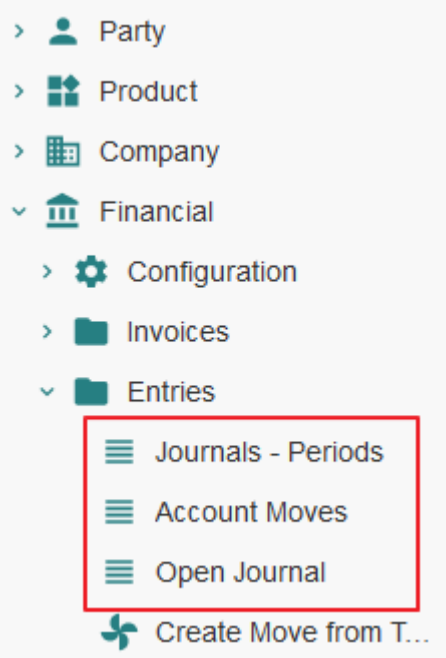
9 - Payments

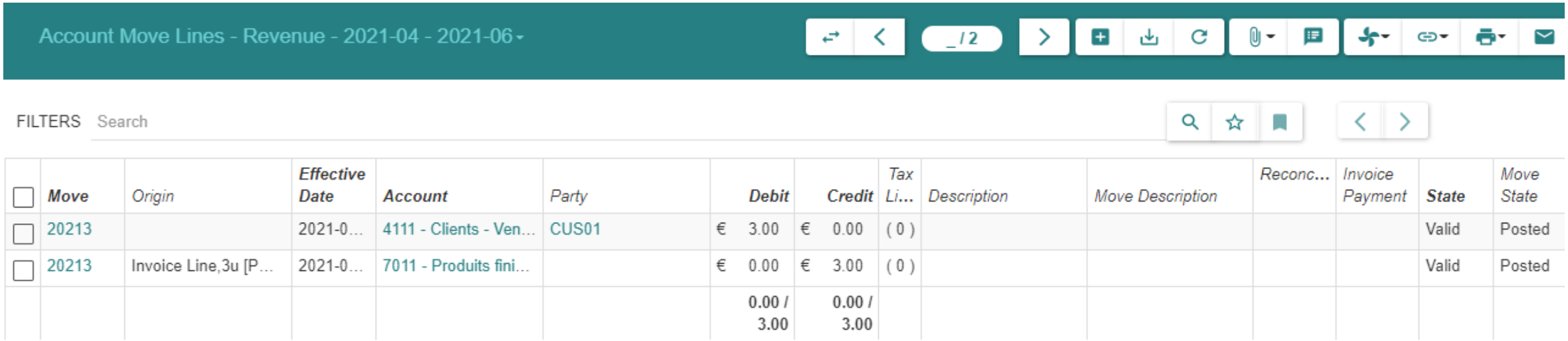

Product
Company
Financial
Configuration
Invoices
Entries
Payments
Lines to Pay
Payments


Payments
_ / 0
FILTERS
Search
Draft 0
Approved 0
Processing 0
Succeeded
Failed
All
Journal
Kind
Party
Amount
Date
State
Draft
Approve
Stripe Checkout
Stripe Capture
Braintree Checkout
Braintree Settle Payment
Fail

10 - Journals - Periods

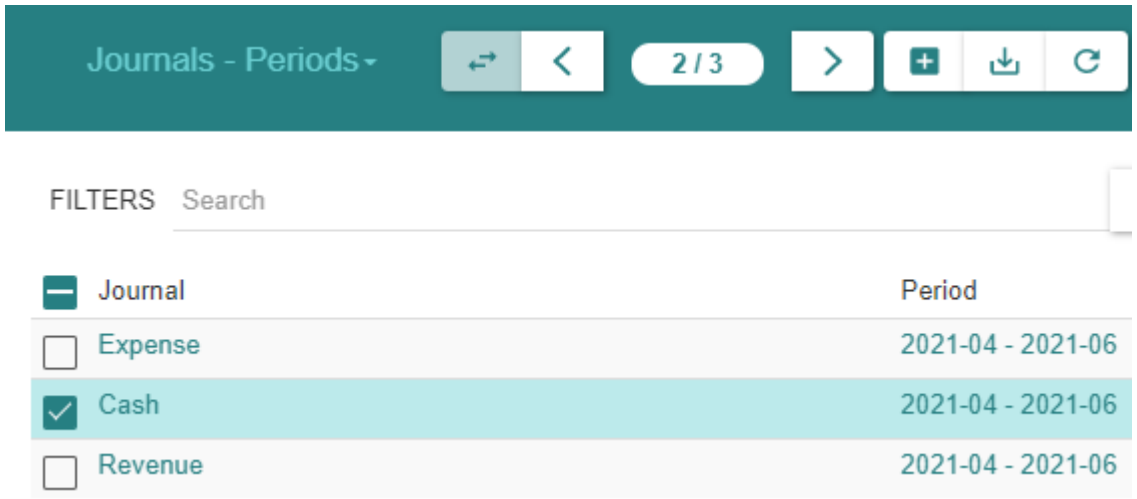


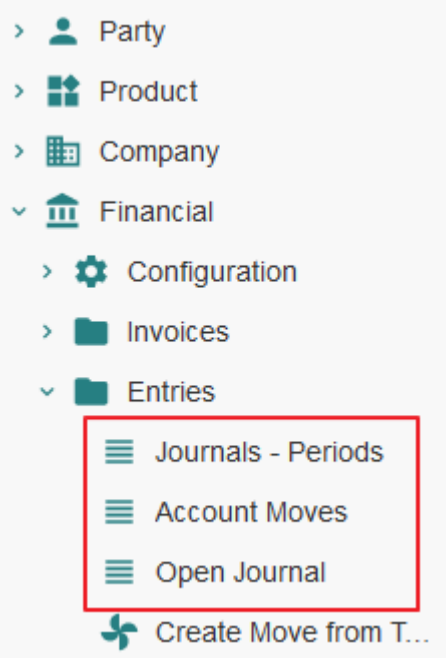


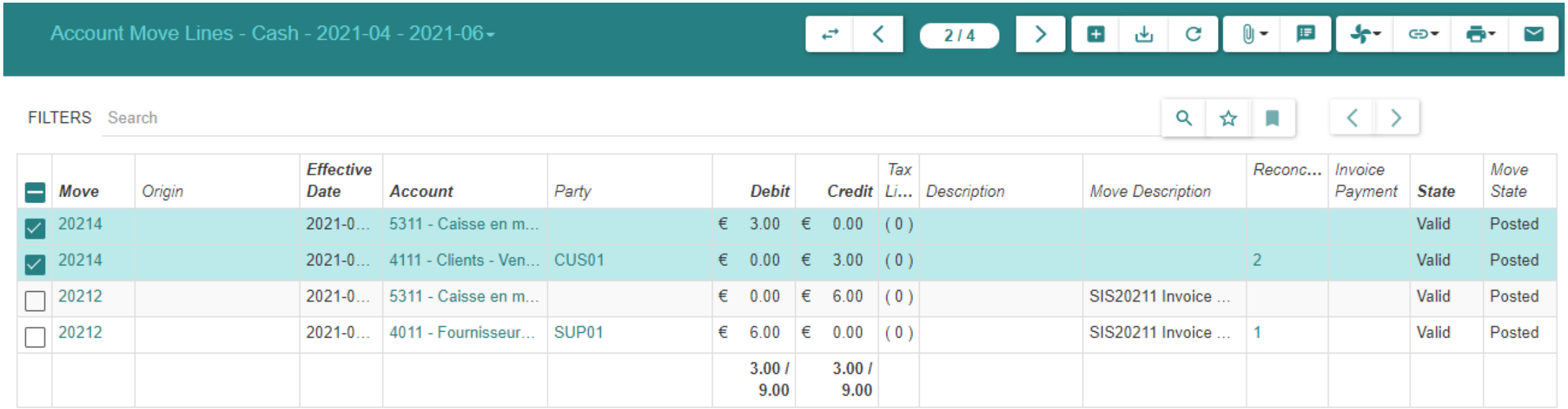


Move	Origin	Effective Date	Account	Party	Debit	Credit	Tax Li...	Description	Move Description	Reconc...	Invoice Payment	State	Move State
20213		2021-0...	4111 - Clients - Ven...	CUS01	€ 3.00	€ 0.00	(0)					Valid	Posted
20213	Invoice Line,3u [P...	2021-0...	7011 - Produits fini...		€ 0.00	€ 3.00	(0)					Valid	Posted
					0.00 / 3.00	0.00 / 3.00							

10 - Journals - Periods

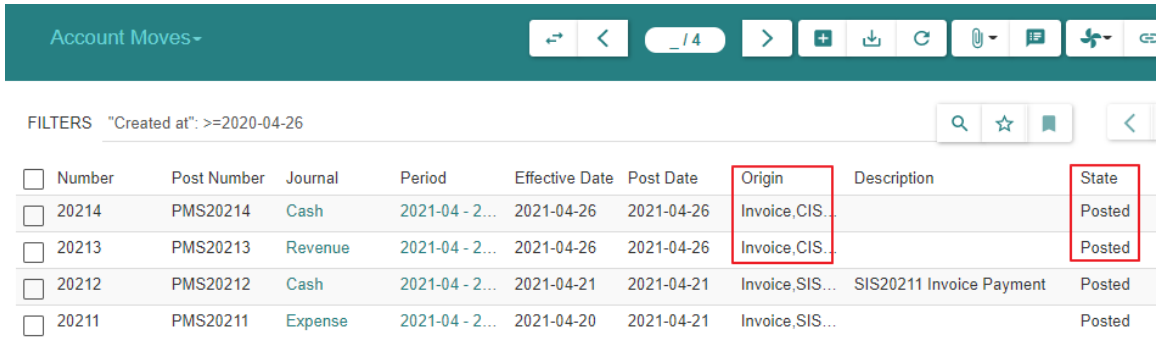


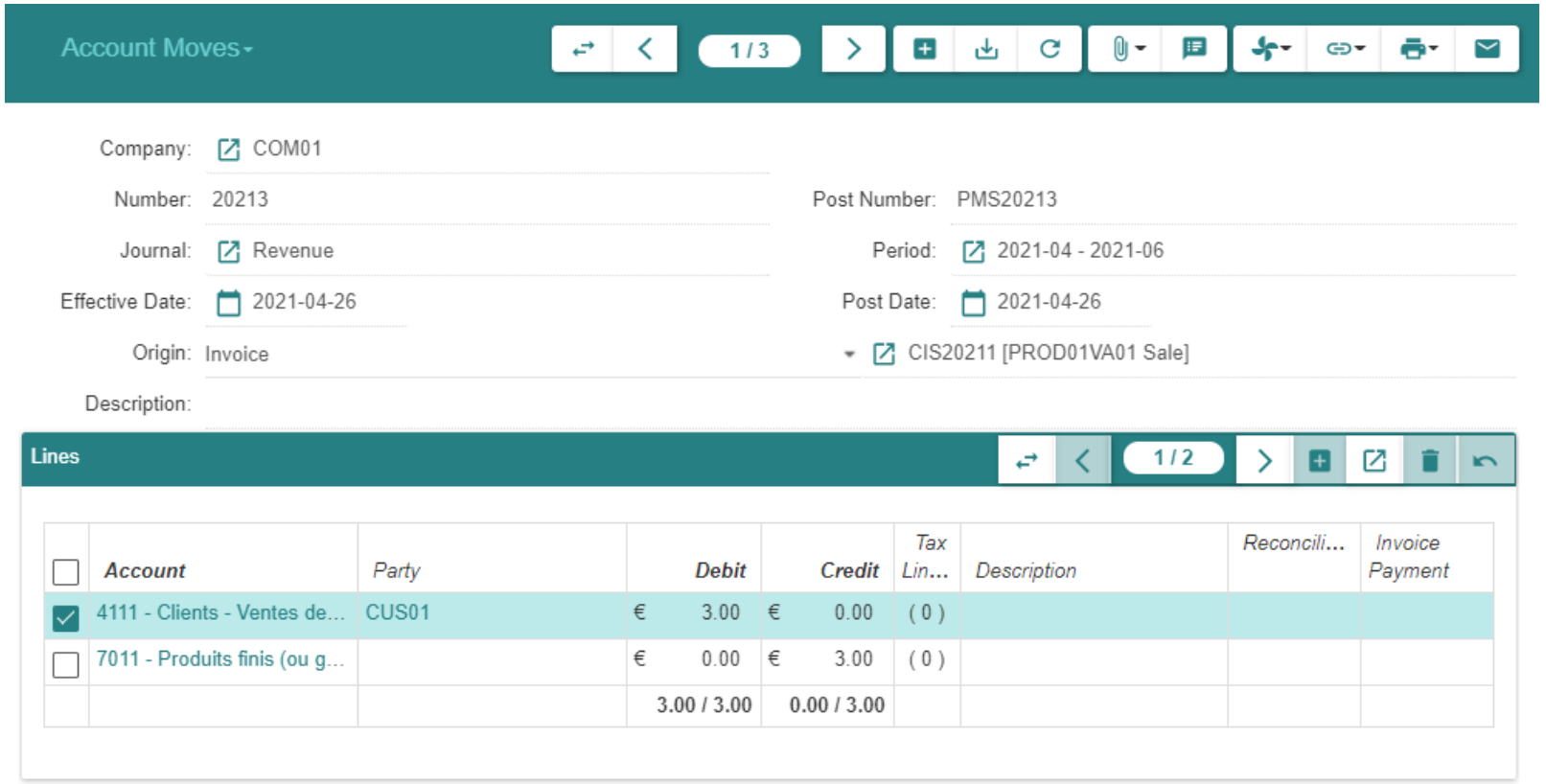


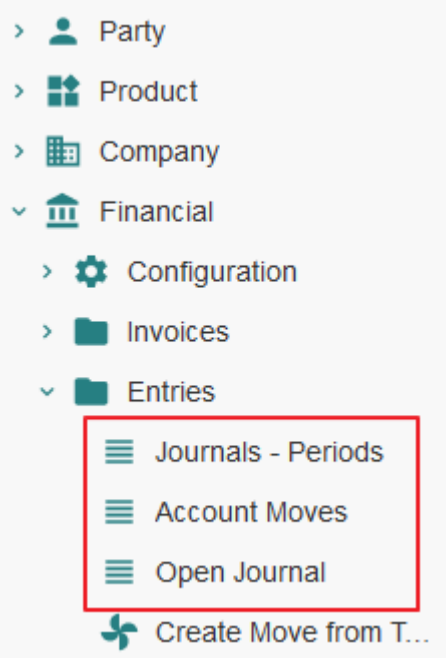


Move	Origin	Effective Date	Account	Party	Debit	Credit	Tax Li...	Description	Move Description	Reconc...	Invoice Payment	State	Move State
20214		2021-0...	5311 - Caisse en m...		€ 3.00	€ 0.00	(0)					Valid	Posted
20214		2021-0...	4111 - Clients - Ven...	CUS01	€ 0.00	€ 3.00	(0)			2		Valid	Posted
20212		2021-0...	5311 - Caisse en m...		€ 0.00	€ 6.00	(0)		SIS20211 Invoice ...			Valid	Posted
20212		2021-0...	4011 - Fournisseur...	SUP01	€ 6.00	€ 0.00	(0)		SIS20211 Invoice ...	1		Valid	Posted
					3.00 / 9.00	3.00 / 9.00							

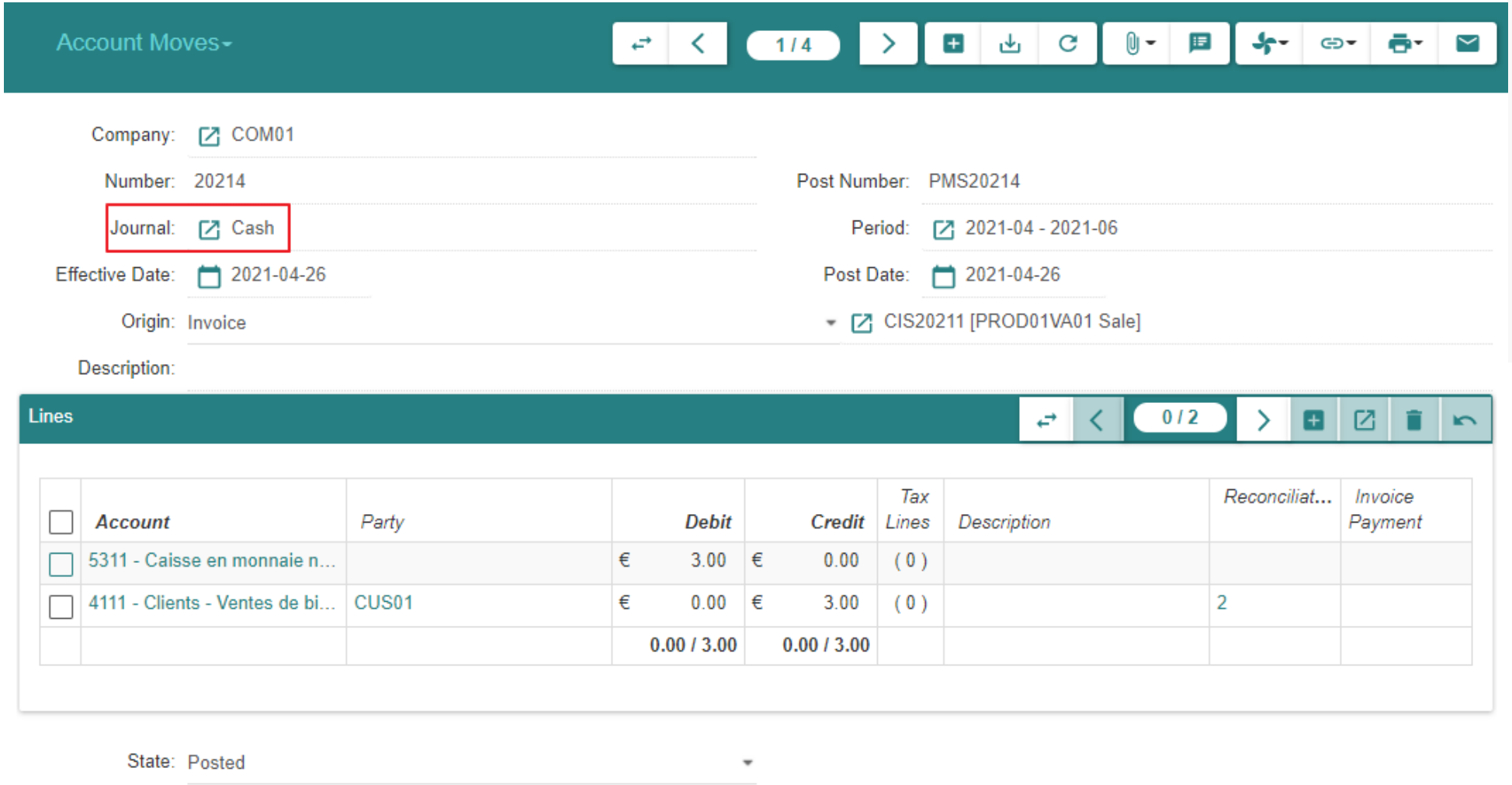
11 - Account Moves

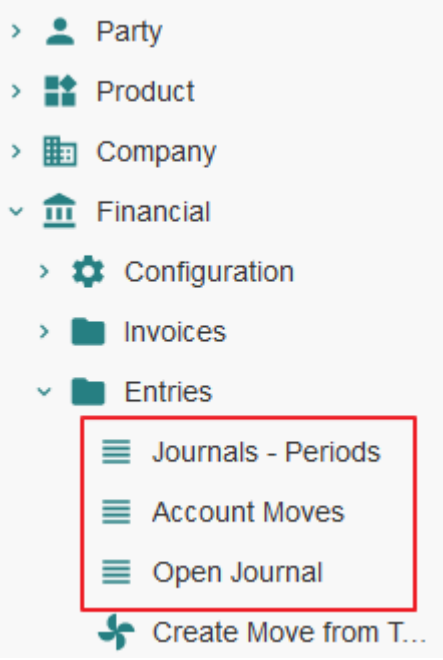




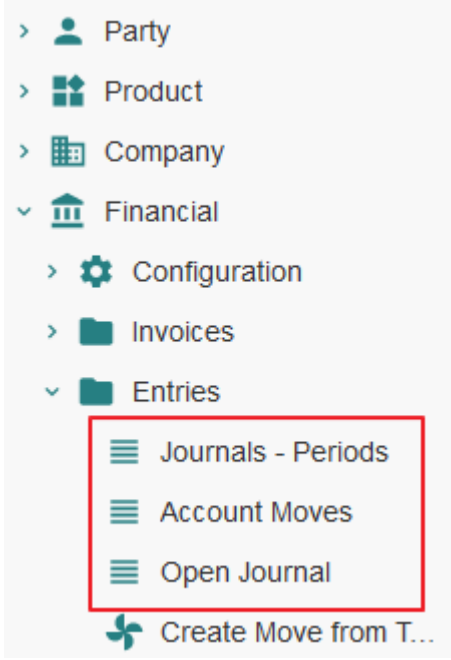


11 - Account Moves





12 - Open Journal



Search Journal

FILTERS Search

	Code	Name	Type
○	ASS	Asset	Asset
○	CASH	Cash	Cash
○	EXP	Expense	Expense
◉	REV	Revenue	Revenue
○	STO	Stock	General

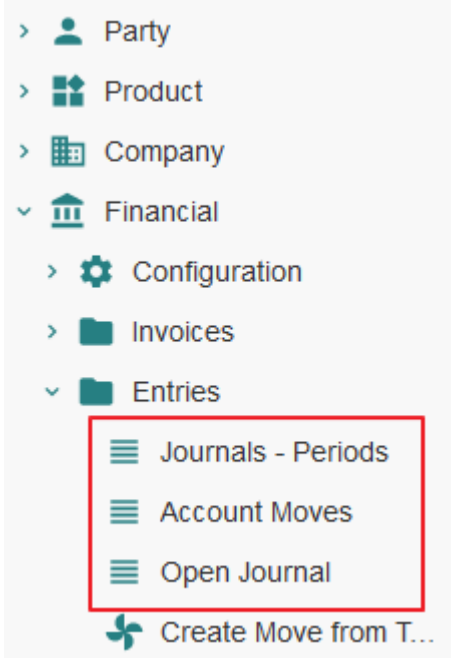
Account Move Lines - Revenue - 2021-04 - 2021-06

_ / 2

FILTERS Search

	Move	Origin	Effective Date	Account	Party	Debit	Credit	Tax Li...	Description	Move Description	Reconc...	Invoice Payment	State	Move State
☐	20213		2021-0...	4111 - Clients - Ven...	CUS01	€ 3.00	€ 0.00	(0)					Valid	Posted
☐	20213	Invoice Line,3u [PR...	2021-0...	7011 - Produits fini...		€ 0.00	€ 3.00	(0)					Valid	Posted
						0.00 / 3.00	0.00 / 3.00							

12 - Open Journal



Search Journal

FILTERS Search

Code	Name	Type
ASS	Asset	Asset
CASH	Cash	Cash

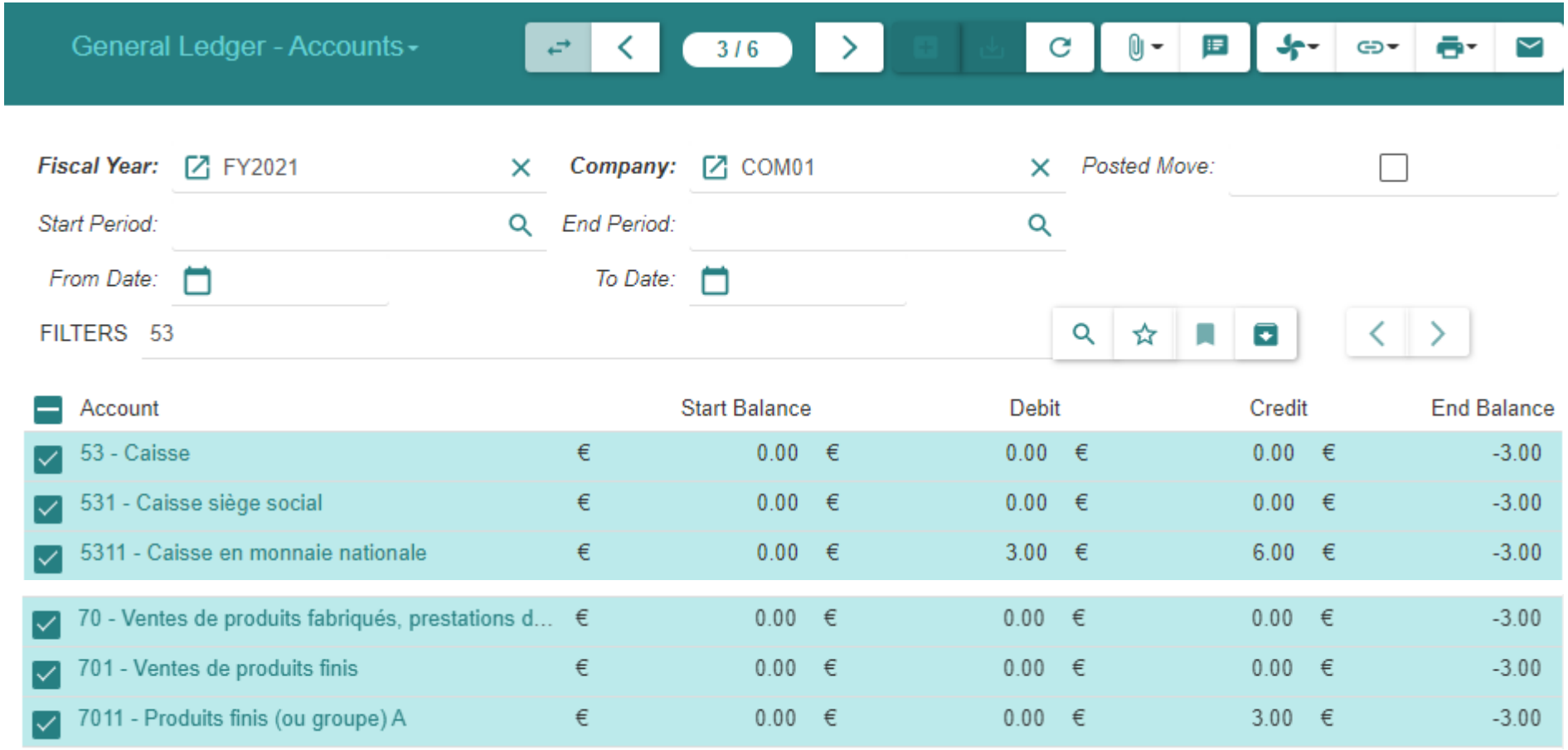
Account Move Lines - Cash - 2021-04 - 2021-06

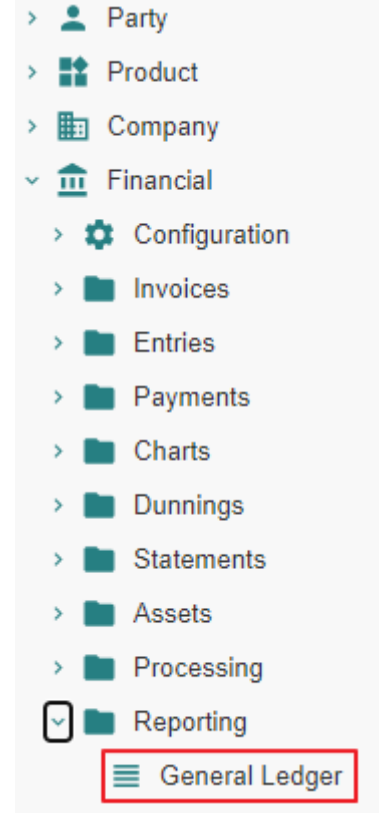
2 / 4

FILTERS Search

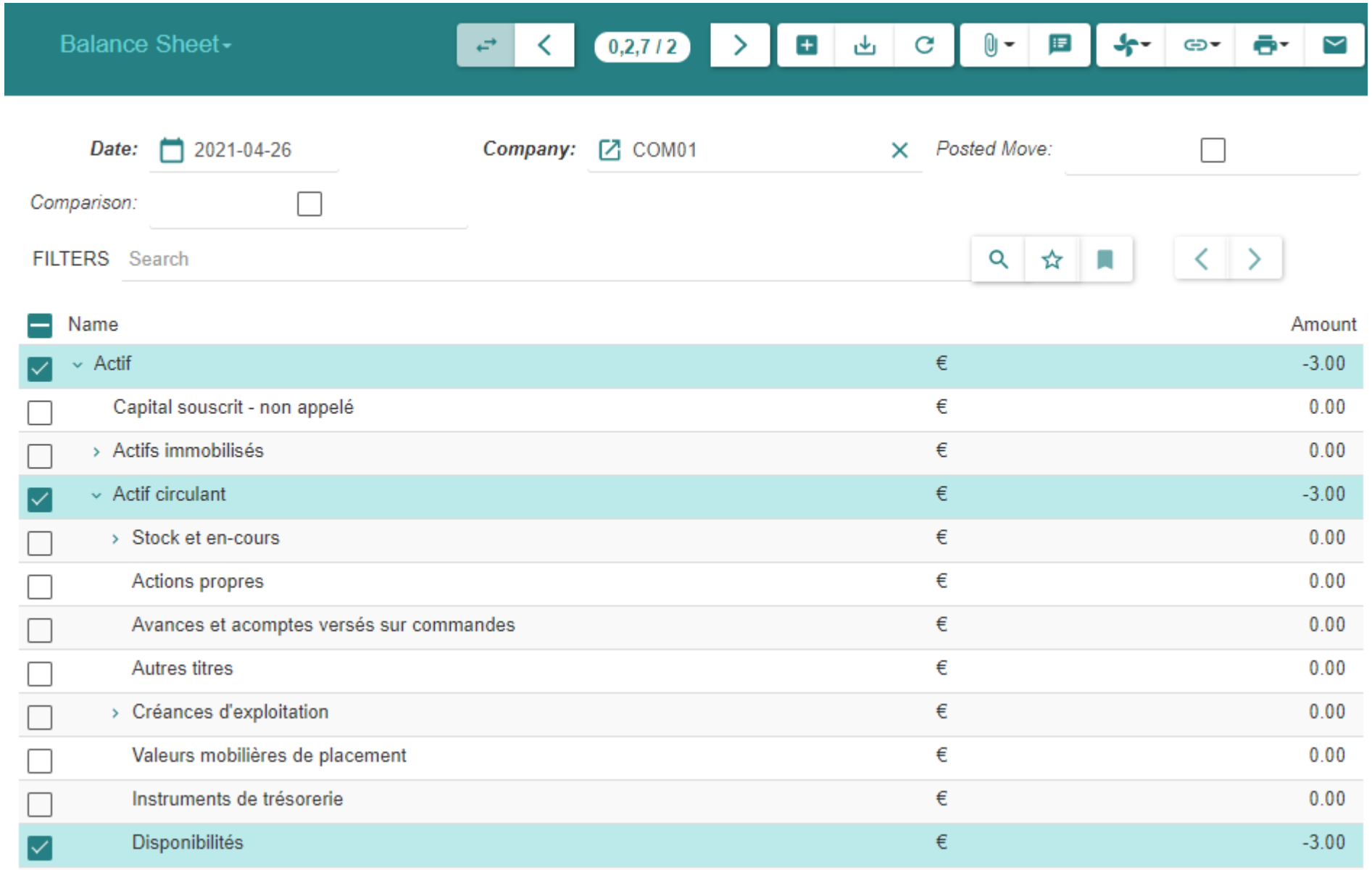
Move	Origin	Effective Date	Account	Party	Debit	Credit	Tax Li...	Description	Move Description	Recon...	Invoice Payment	State	Move State
20214		2021-0...	5311 - Caisse en ...		€ 3.00	€ 0.00	(0)					Valid	Posted
20214		2021-0...	4111 - Clients - Ve...	CUS01	€ 0.00	€ 3.00	(0)			2		Valid	Posted
20212		2021-0...	5311 - Caisse en ...		€ 0.00	€ 6.00	(0)		SIS20211 Invoice ...			Valid	Posted
20212		2021-0...	4011 - Fournisseur...	SUP01	€ 6.00	€ 0.00	(0)		SIS20211 Invoice ...	1		Valid	Posted
					3.00 / 9.00	3.00 / 9.00							

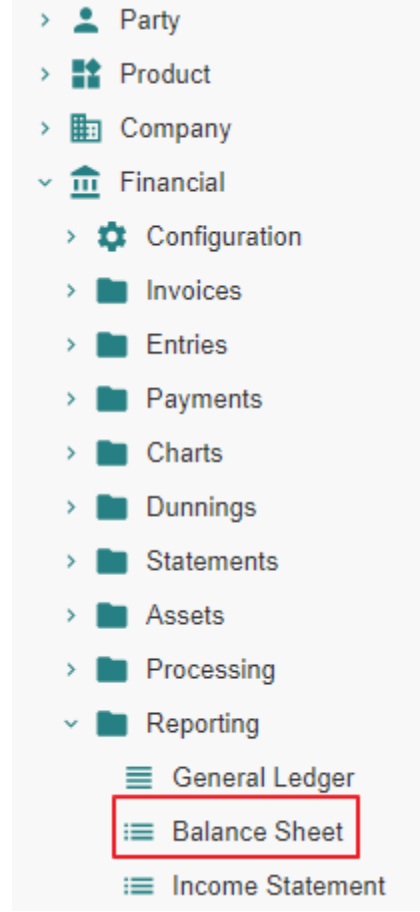
13 - General Ledger



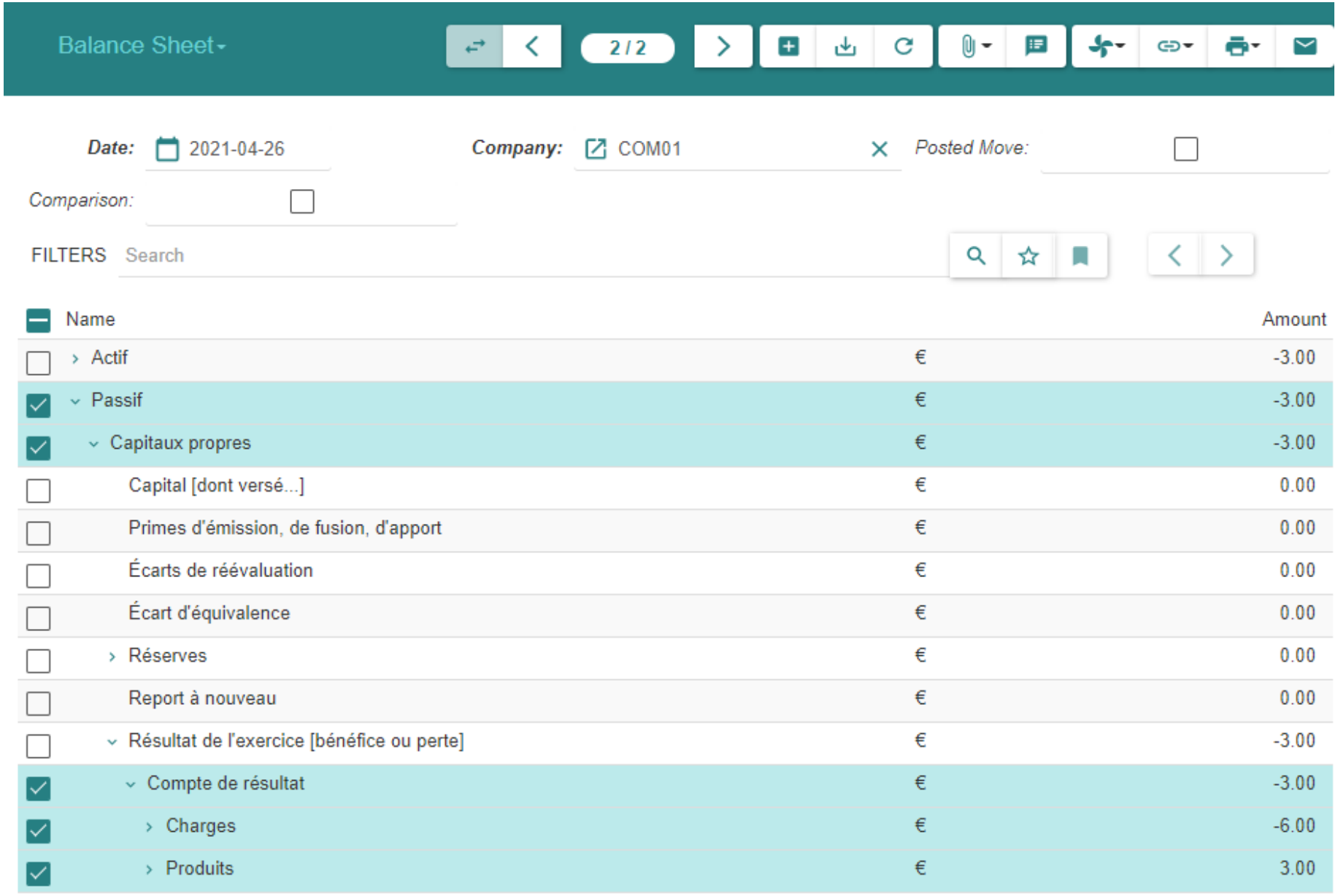


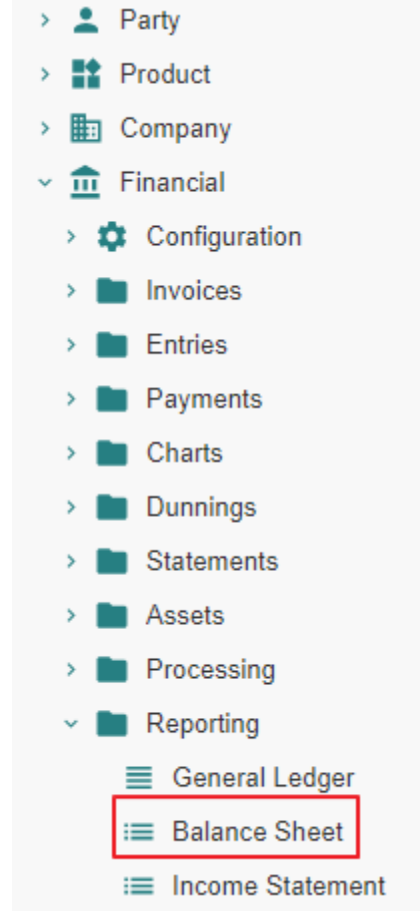
14 - Balance Sheet

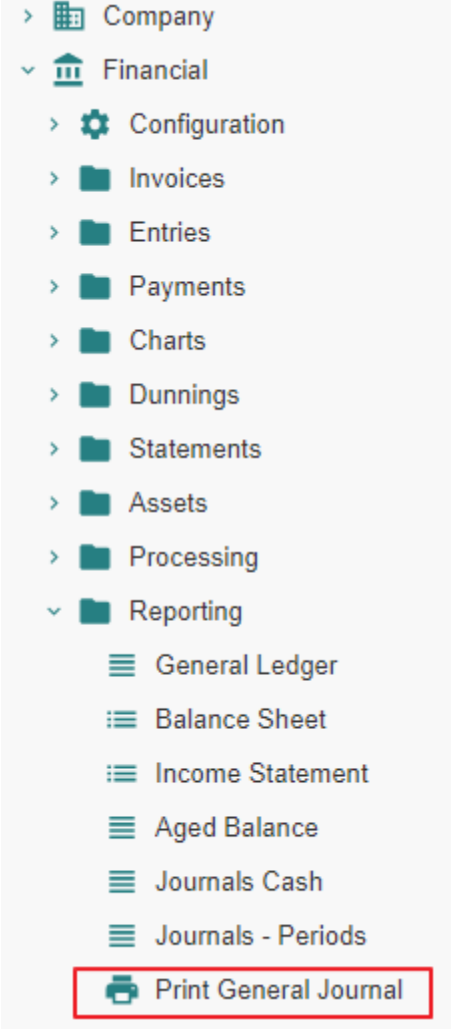
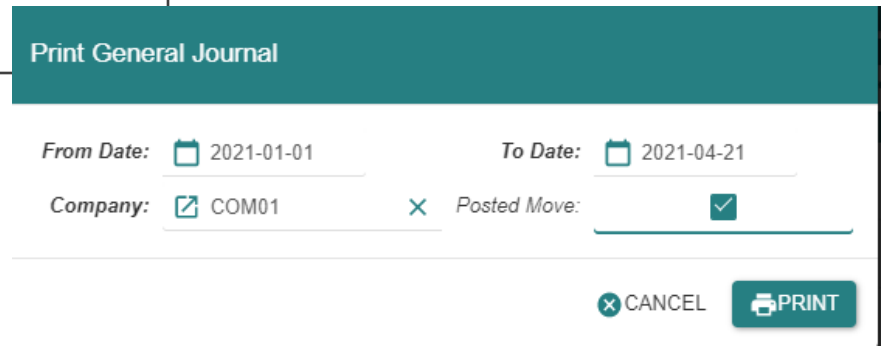




14 - Balance Sheet





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