

Liferay Boot Camp 2021 Digital Edition

It's time for Commerce



Giovanni Ciganotto
Product Manager

Session summary



E-Commerce Business Models



Liferay Commerce 3.0



Features Overview



Store front, extensions and integrations



Conclusion



Types of Commerce

A diagram showing three white rectangular boxes with shadows, arranged horizontally. The first box on the left is labeled 'B2C' and has a red horizontal line above it. The second box in the middle is labeled 'B2B'. The third box on the right is labeled 'B2B2C'.

B2C

B2B

B2B2C

Types of Commerce

B2C

B2B

B2B2C



Types of Commerce

B2C

B2B

B2B2C

Commerce & DXP are a **single** and **unified platform**



Reduce the complexity of maintenance

Accelerate the Digital Commerce business



«Commerce» menu overview

Applications	Commerce	Control Panel
ORDER MANAGEMENT Orders Shipments Subscriptions	PRICING Price Lists Promotions Discounts Product Groups Tax Categories	PRODUCT MANAGEMENT Catalogs Products Options Specifications
INVENTORY MANAGEMENT Inventory Warehouses		SETTINGS Availability Estimates Countries Measurement Units Health Check
		STORE MANAGEMENT Channels Currencies

Product Management



Product Management

Catalogs

Products

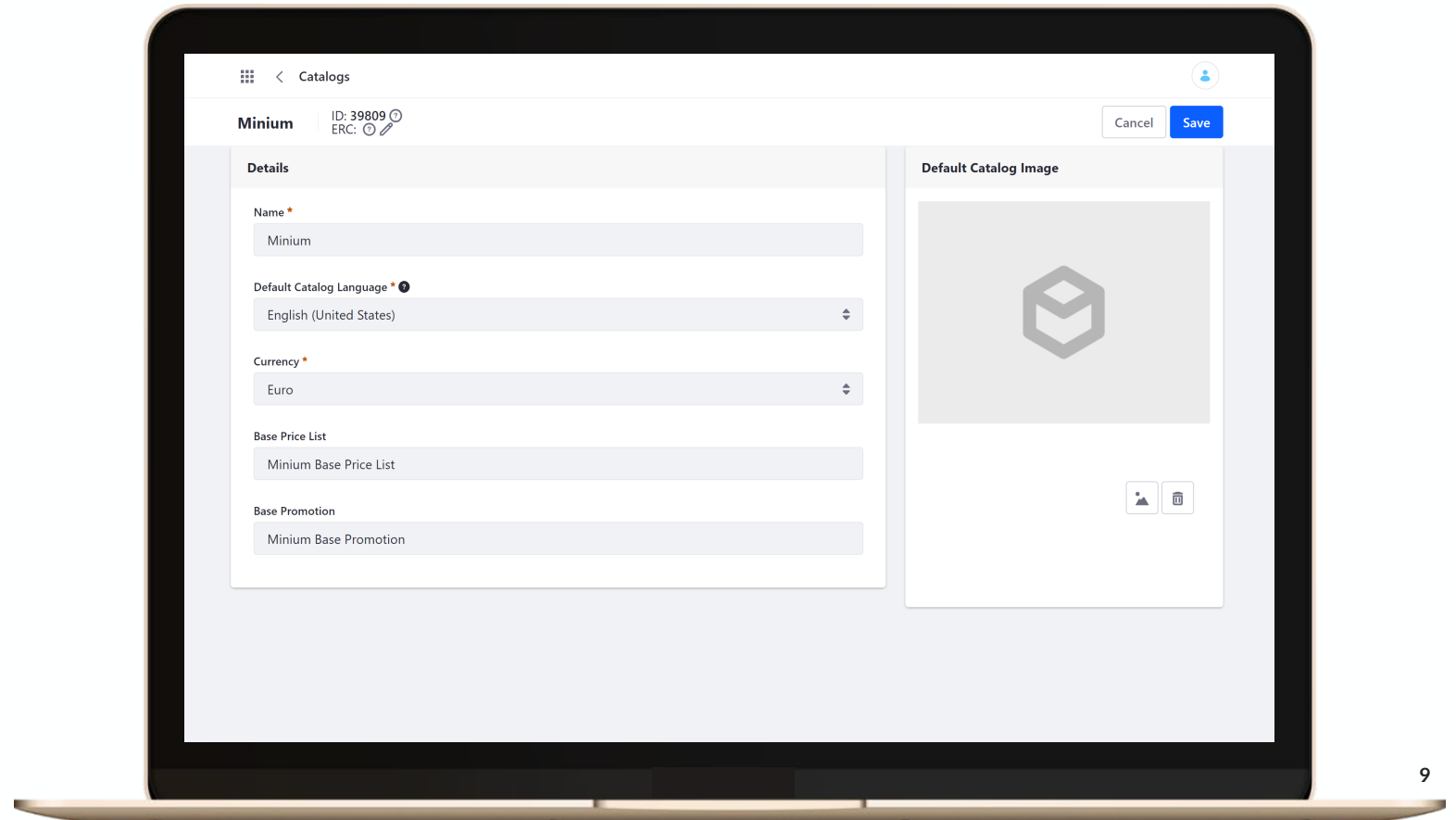
Options

Specifications

Bill of Materials

Product Browsing

Product Visibility



Product Management

Catalogs

Products

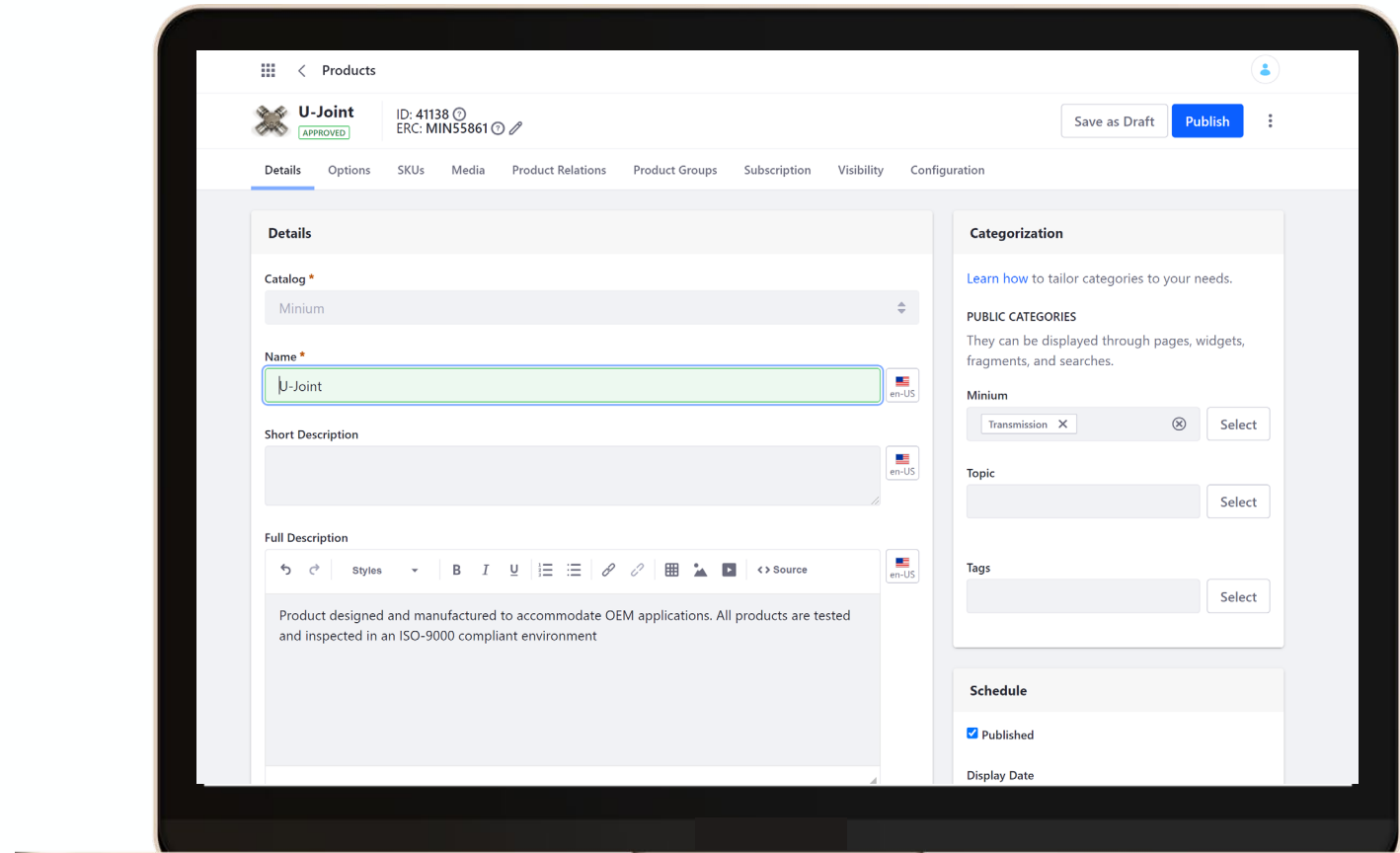
Options

Specifications

Bill of Materials

Product Browsing

Product Visibility



Product Management

Catalogs

Products

Options

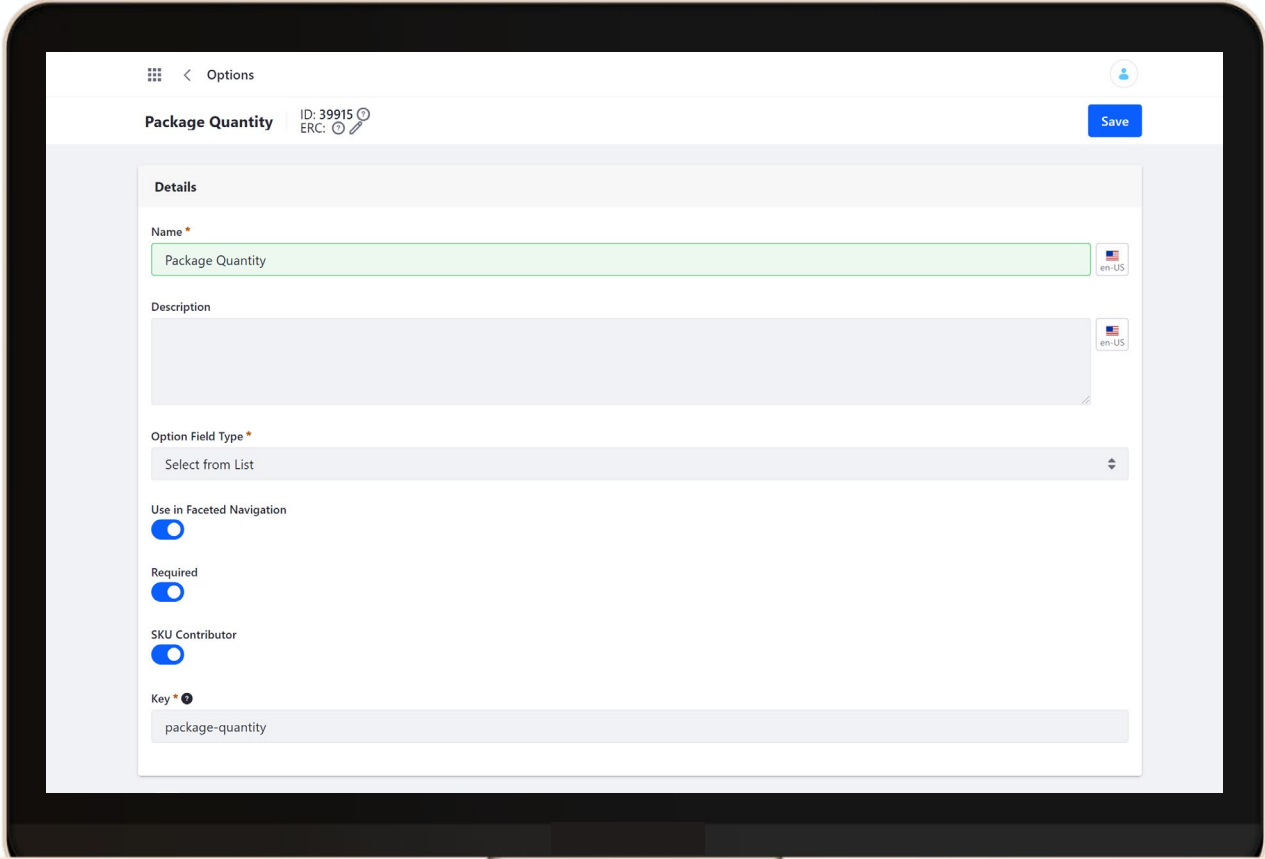
Specifications

Bill of Materials

Product Browsing

Product Visibility

#LRBC2021
@giotto24



The screenshot displays a web interface for configuring product options. At the top, there's a header with a grid icon, a back arrow, and the text 'Options'. Below this, the main title is 'Package Quantity', followed by 'ID: 39915' and 'ERC: [icon]'. A 'Save' button is in the top right corner. The main content area is titled 'Details' and contains several fields: 'Name' with the value 'Package Quantity', 'Description' (empty), 'Option Field Type' with a dropdown menu showing 'Select from List', 'Use in Faceted Navigation' (checked), 'Required' (checked), 'SKU Contributor' (checked), and 'Key' with the value 'package-quantity'. Each field has a language selector icon (en-US) on the right.

Product Management

Catalogs

Products

Options

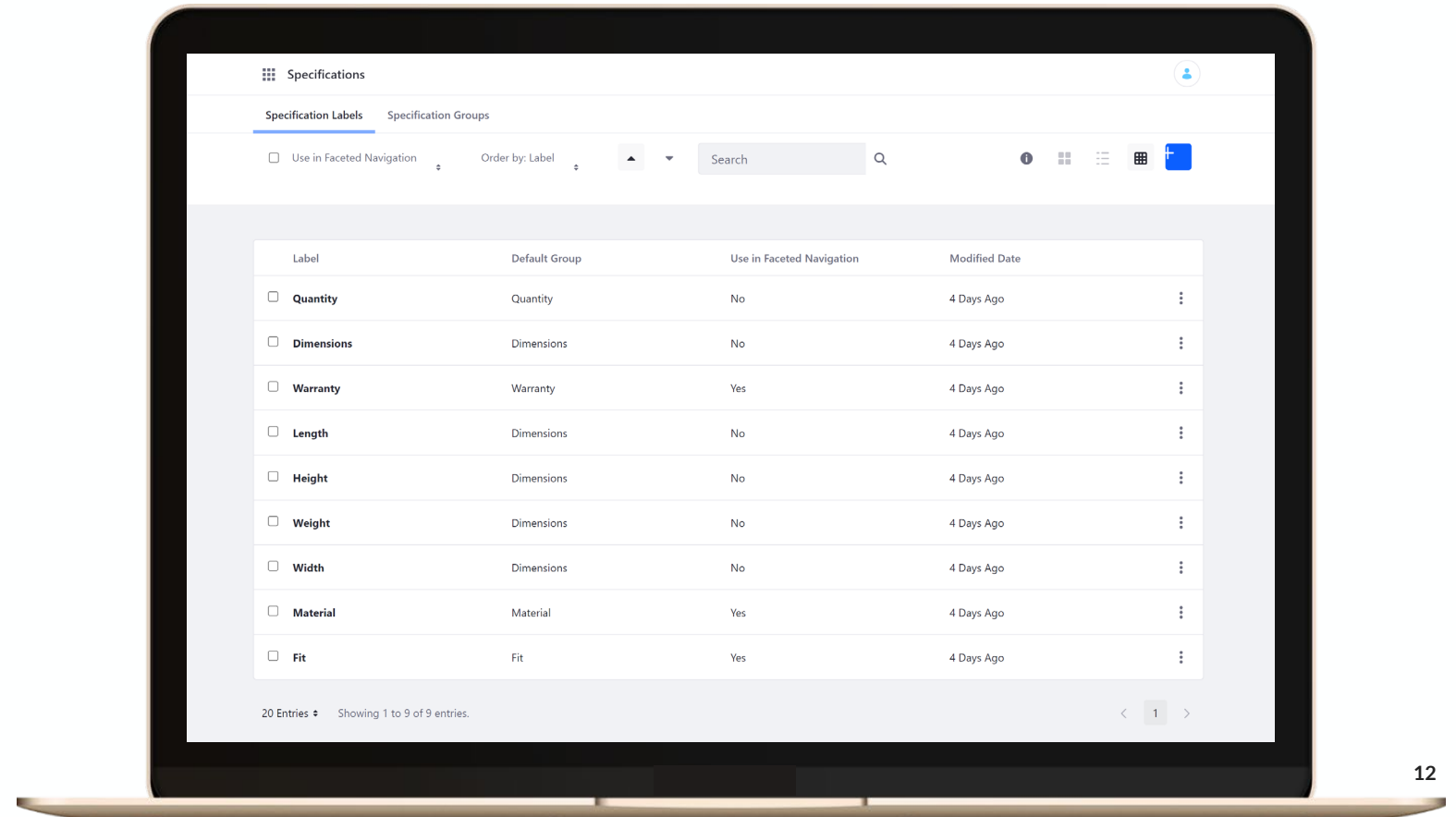
Specifications

Bill of Materials

Product Browsing

Product Visibility

#LRBC2021
@giotto24



Product Management

Catalogs

Products

Options

Specifications

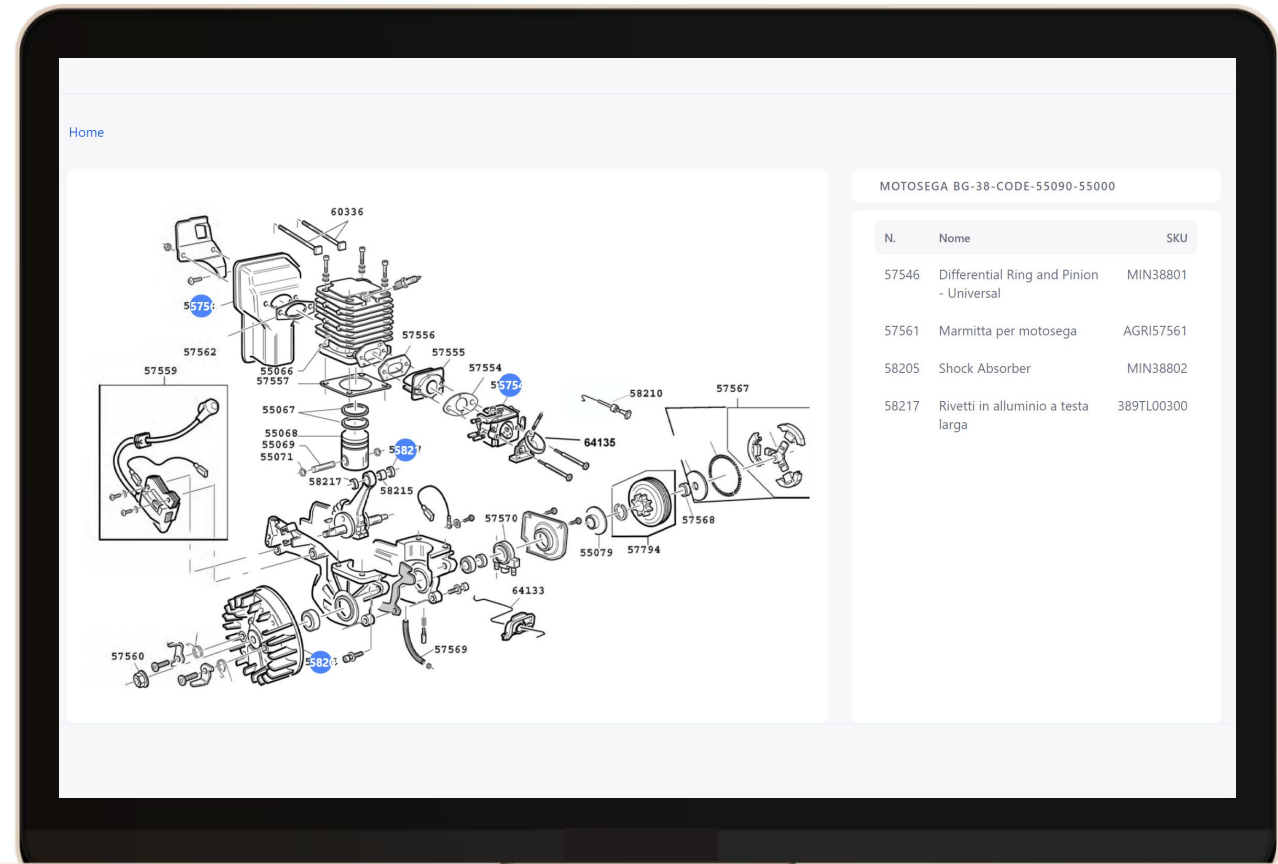
Bill of Materials

Product Browsing

Product Visibility

#LRBC2021

@giotto24

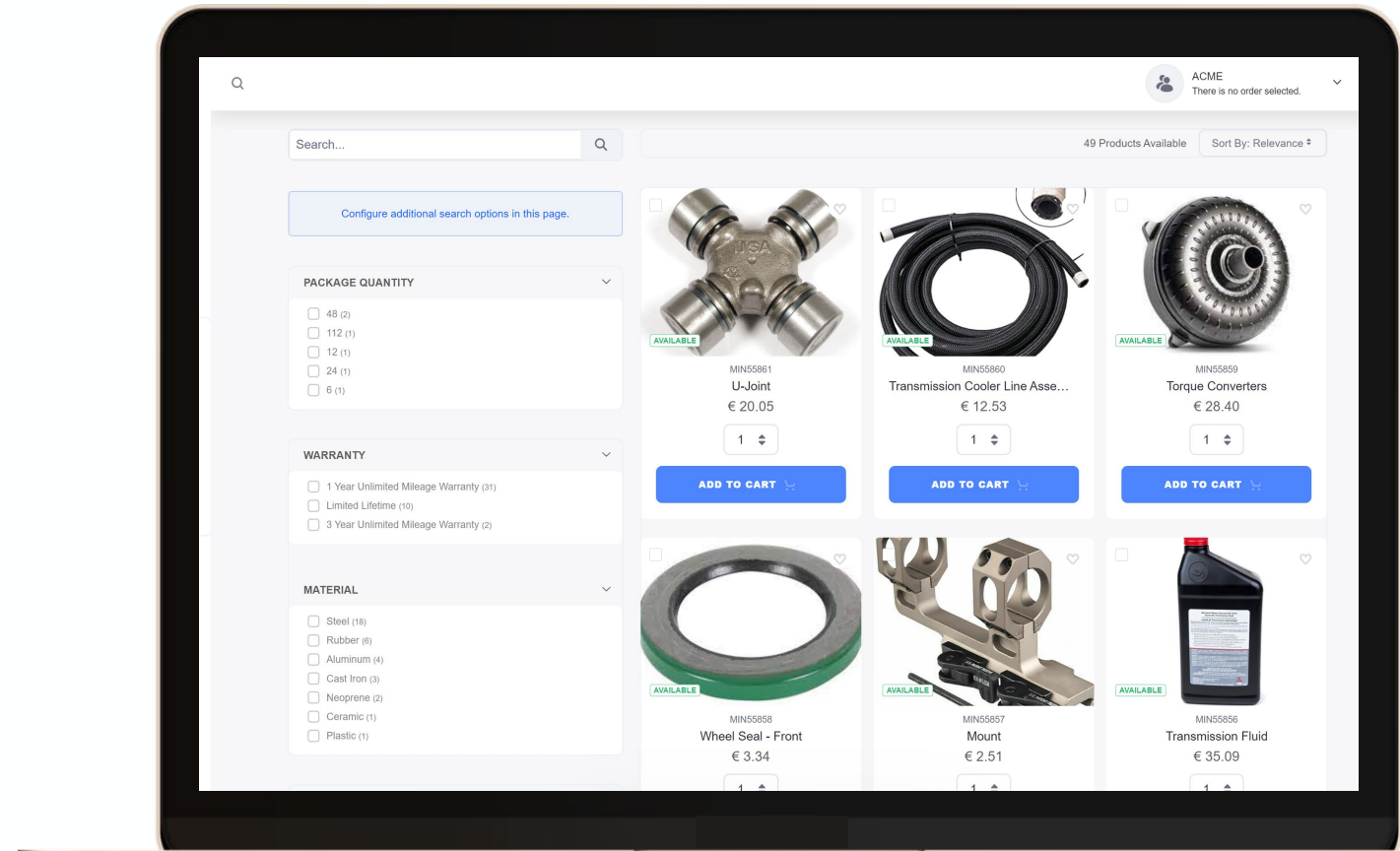


Product Management

Catalogs
Products
Options
Specifications
Bill of Materials

Product Browsing
Product Visibility

#LRBC2021
@giotto24



Product Management

Catalogs

Products

Options

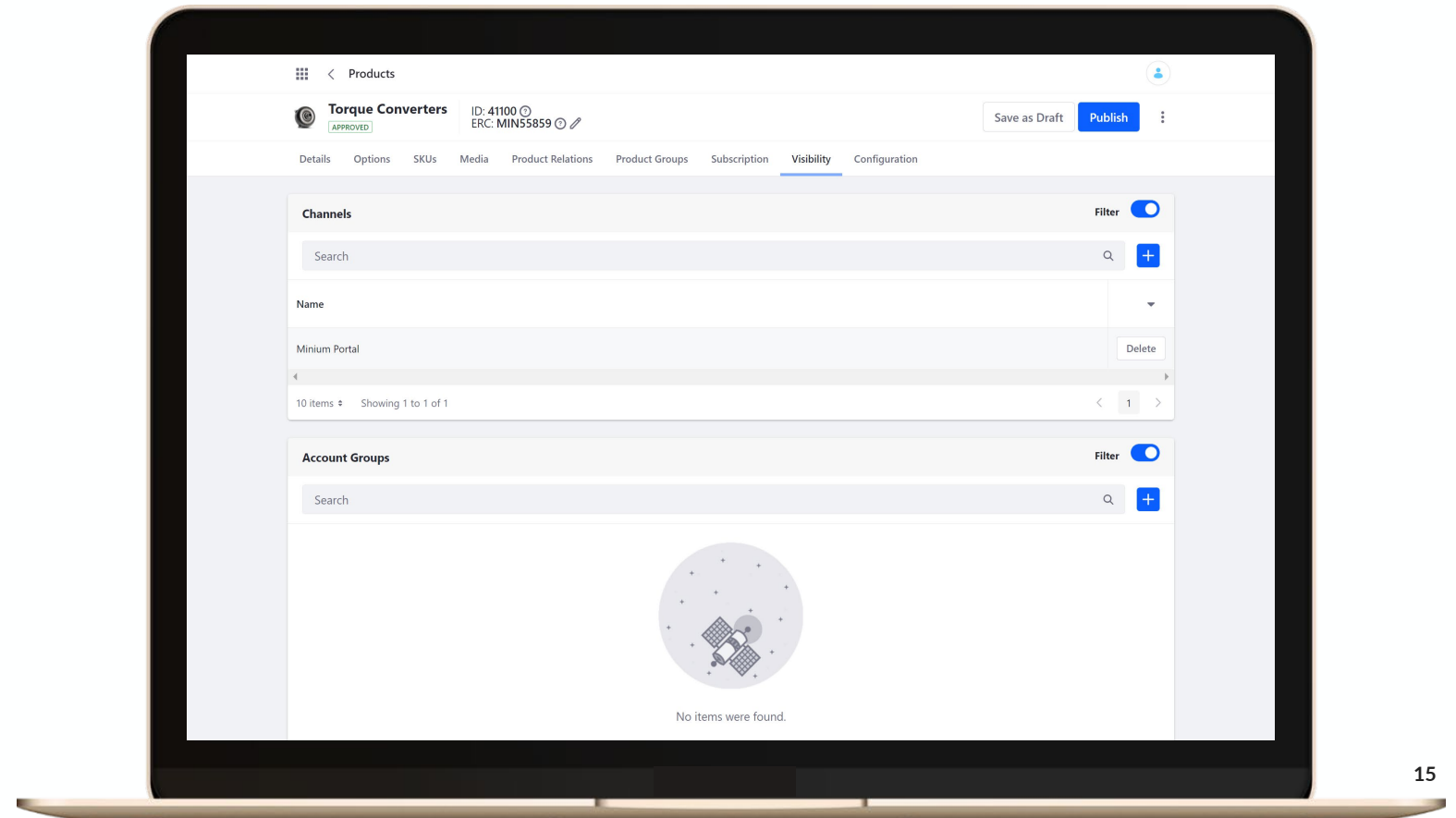
Specifications

Bill of Materials

Product Browsing

Product Visibility

#LRBC2021
@giotto24



Store Management



Store Management

Channels

Currencies

Countries

Payment Methods

Shipping Methods

Emails Notification

#LRBC2021
@giotto24

The screenshot displays the 'Minium Portal' configuration page for a channel. The interface includes a top navigation bar with a 'Channels' breadcrumb and a user profile icon. The main content area is divided into several sections: 'Details', 'Orders', 'Prices', and 'Payment Methods'.

Details Section:

- Name: Minium Portal
- Currency: Euro
- Commerce Site Type: B2B

Orders Section:

- Buyer Order Approval Workflow: No Workflow
- Seller Order Acceptance Workflow: No Workflow
- Purchase Order Number: HIDE (toggle)
- Guest Checkout: DISABLED (toggle)
- Maximum Number of Open Orders per Account: 0

Prices Section:

- Shipping Tax Category: No Tax Category
- Price Type: Net Price
- Discounts Target Price Type: Net Price

Payment Methods Table:

Name	Description	Payment Engine	Status	
Money Order		Money Order	INACTIVE	Edit
Authorize.Net		Authorize.Net	INACTIVE	Edit

Store Management

Channels

Currencies

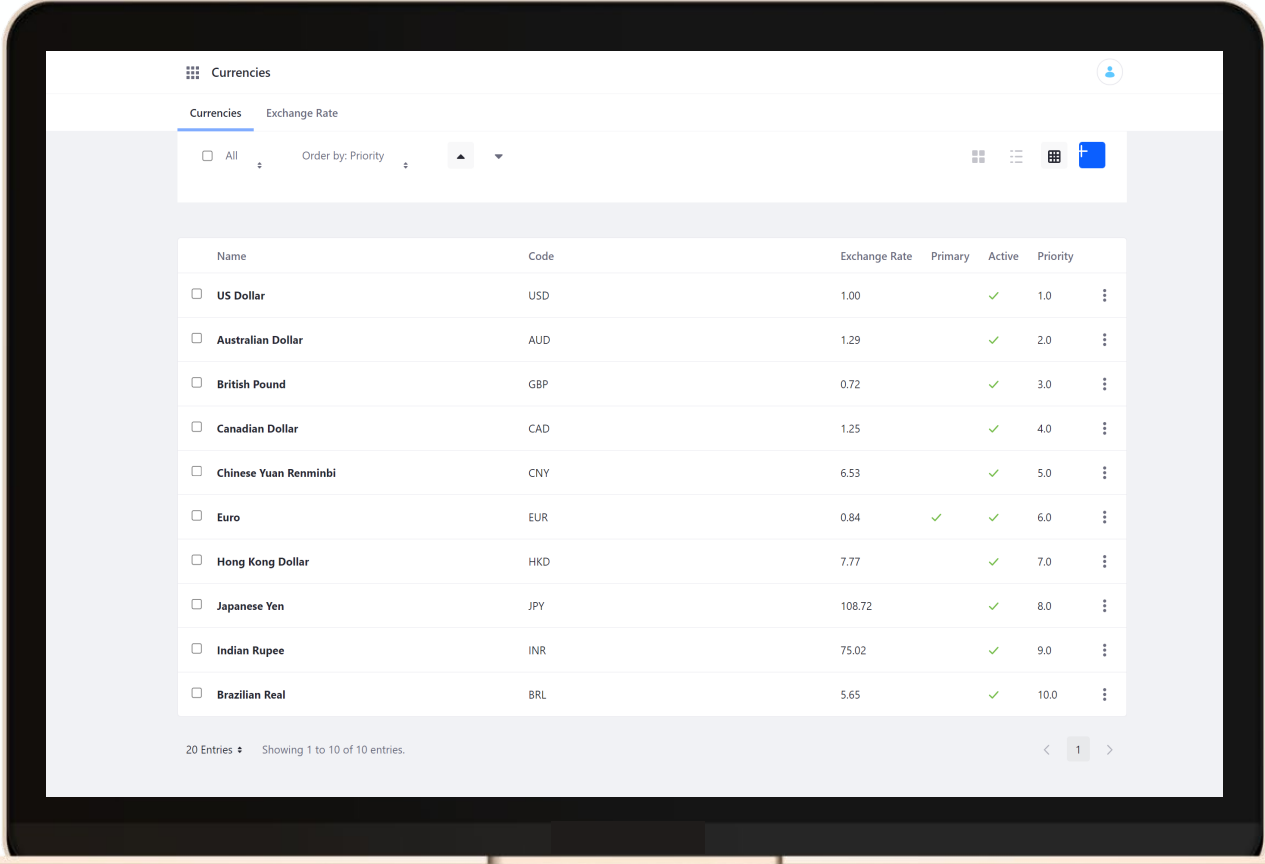
Countries

Payment Methods

Shipping Methods

Emails Notification

#LRBC2021
@giotto24



Currencies					
Currencies		Exchange Rate			
<input type="checkbox"/> All		Order by: Priority			
Name	Code	Exchange Rate	Primary	Active	Priority
<input type="checkbox"/> US Dollar	USD	1.00		✓	1.0
<input type="checkbox"/> Australian Dollar	AUD	1.29		✓	2.0
<input type="checkbox"/> British Pound	GBP	0.72		✓	3.0
<input type="checkbox"/> Canadian Dollar	CAD	1.25		✓	4.0
<input type="checkbox"/> Chinese Yuan Renminbi	CNY	6.53		✓	5.0
<input type="checkbox"/> Euro	EUR	0.84	✓	✓	6.0
<input type="checkbox"/> Hong Kong Dollar	HKD	7.77		✓	7.0
<input type="checkbox"/> Japanese Yen	JPY	108.72		✓	8.0
<input type="checkbox"/> Indian Rupee	INR	75.02		✓	9.0
<input type="checkbox"/> Brazilian Real	BRL	5.65		✓	10.0

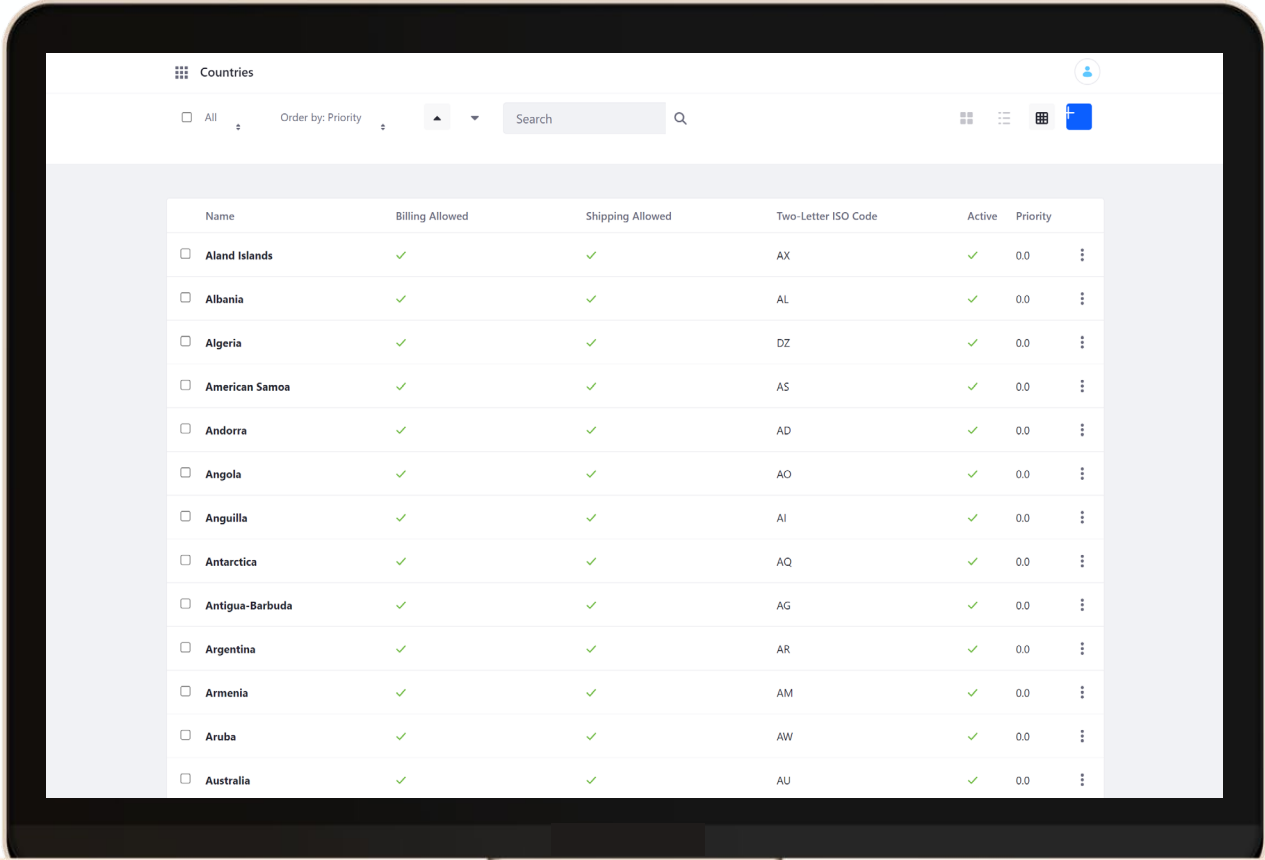
20 Entries • Showing 1 to 10 of 10 entries.

Store Management

Channels
Currencies
Countries

Payment Methods
Shipping Methods
Emails Notification

#LRBC2021
@giotto24



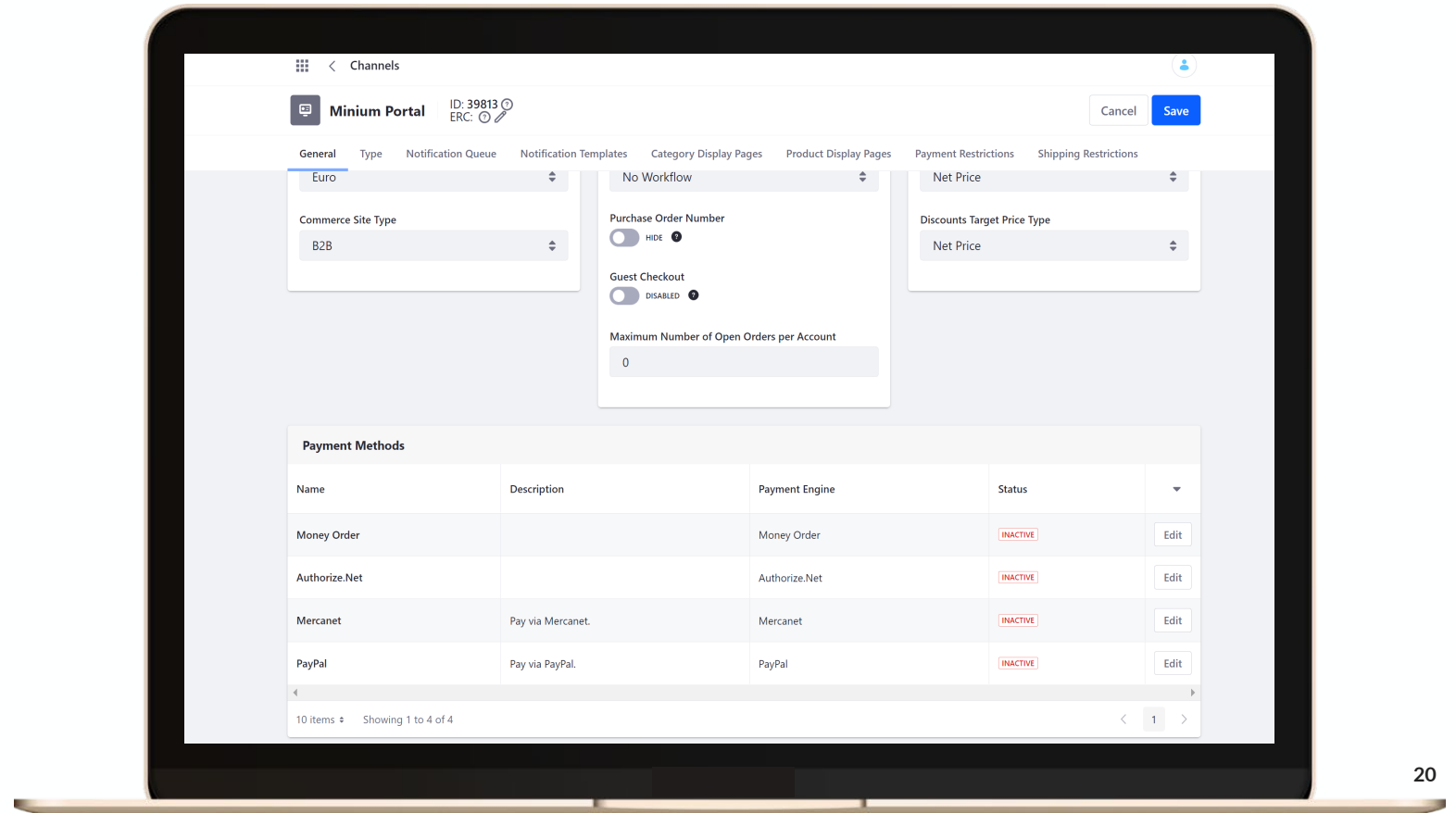
Name	Billing Allowed	Shipping Allowed	Two-Letter ISO Code	Active	Priority
<input type="checkbox"/> Aland Islands	✓	✓	AX	✓	0.0
<input type="checkbox"/> Albania	✓	✓	AL	✓	0.0
<input type="checkbox"/> Algeria	✓	✓	DZ	✓	0.0
<input type="checkbox"/> American Samoa	✓	✓	AS	✓	0.0
<input type="checkbox"/> Andorra	✓	✓	AD	✓	0.0
<input type="checkbox"/> Angola	✓	✓	AO	✓	0.0
<input type="checkbox"/> Anguilla	✓	✓	AI	✓	0.0
<input type="checkbox"/> Antarctica	✓	✓	AQ	✓	0.0
<input type="checkbox"/> Antigua-Barbuda	✓	✓	AG	✓	0.0
<input type="checkbox"/> Argentina	✓	✓	AR	✓	0.0
<input type="checkbox"/> Armenia	✓	✓	AM	✓	0.0
<input type="checkbox"/> Aruba	✓	✓	AW	✓	0.0
<input type="checkbox"/> Australia	✓	✓	AU	✓	0.0

Store Management

Channels
Currencies
Countries

Payment Methods
Shipping Methods
Emails Notification

#LRBC2021
@giotto24

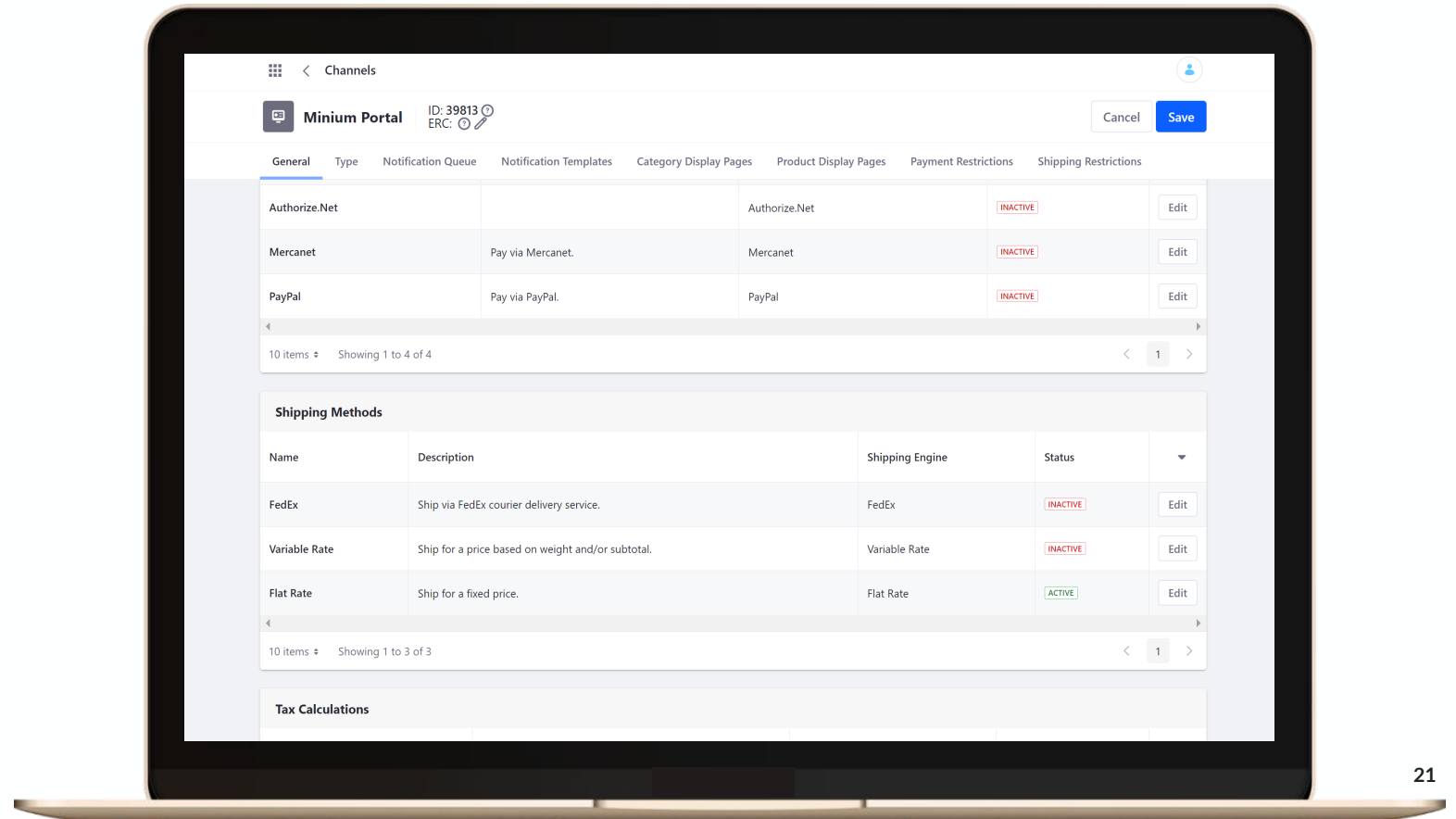


Store Management

Channels
Currencies
Countries

Payment Methods
Shipping Methods
Emails Notification

#LRBC2021
@giotto24



Store Management

Channels

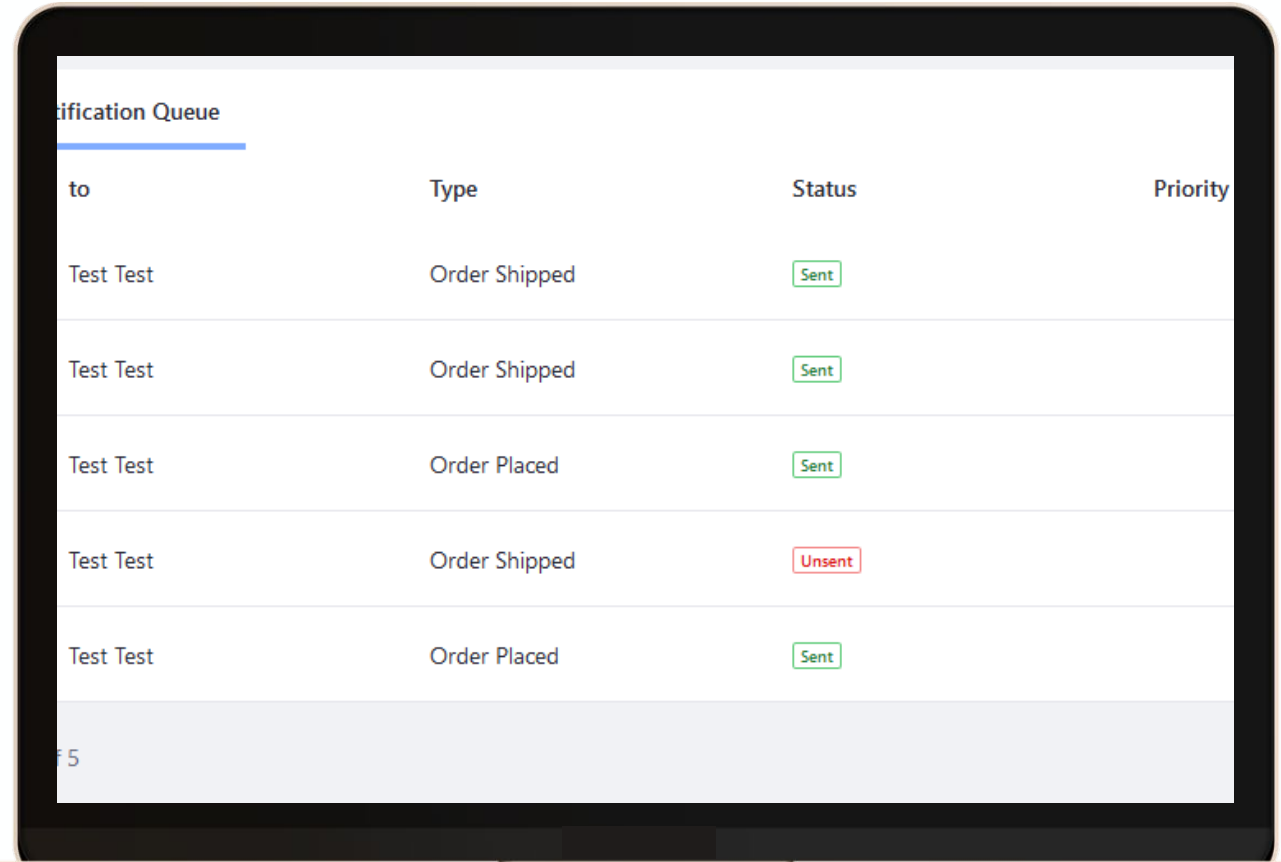
Currencies

Countries

Payment Methods

Shipping Methods

Emails Notification



to	Type	Status	Priority
Test Test	Order Shipped	Sent	
Test Test	Order Shipped	Sent	
Test Test	Order Placed	Sent	
Test Test	Order Shipped	Unsent	
Test Test	Order Placed	Sent	

Inventory Management



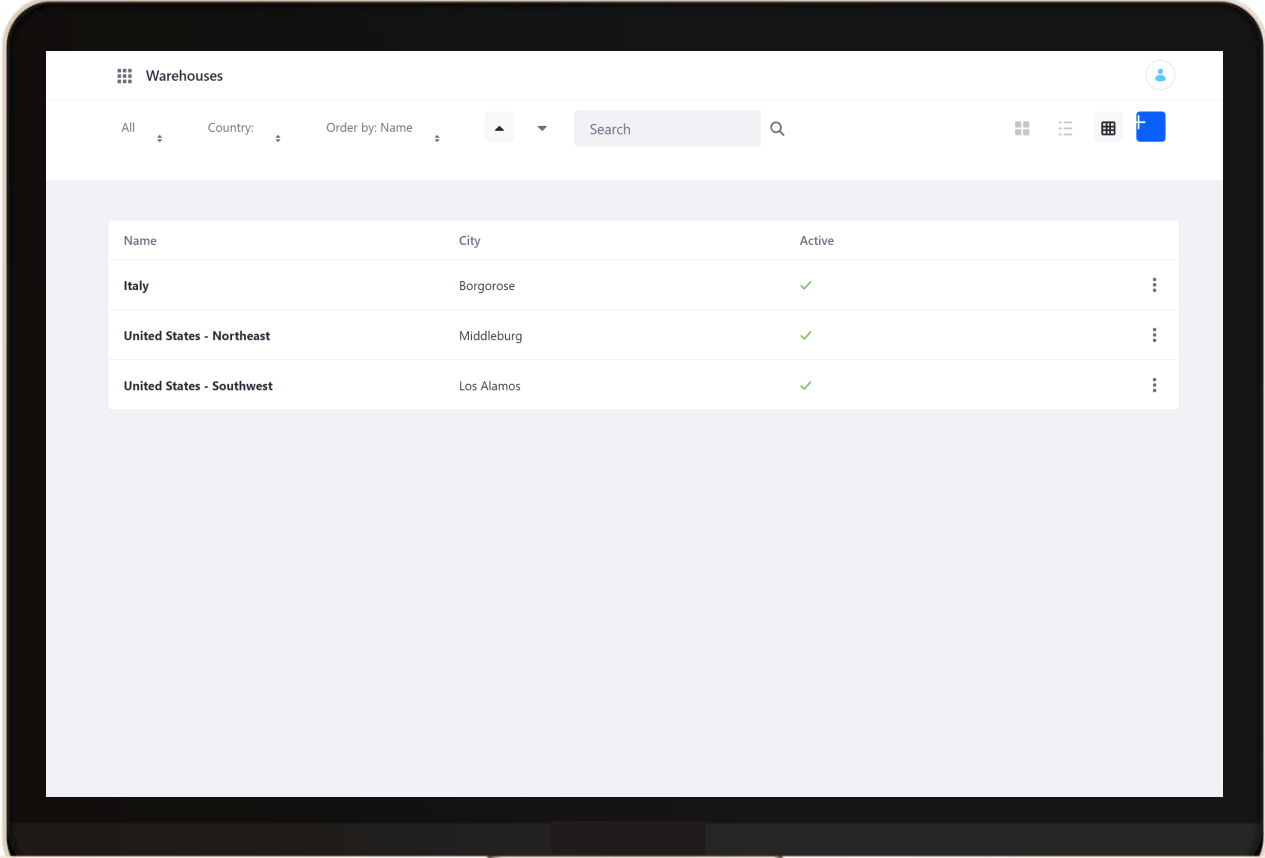
Inventory Management

Warehouses

Inventory by Warehouse

Low Stock Actions

Availability Estimates



Name	City	Active	
Italy	Borgorose	✓	⋮
United States - Northeast	Middleburg	✓	⋮
United States - Southwest	Los Alamos	✓	⋮

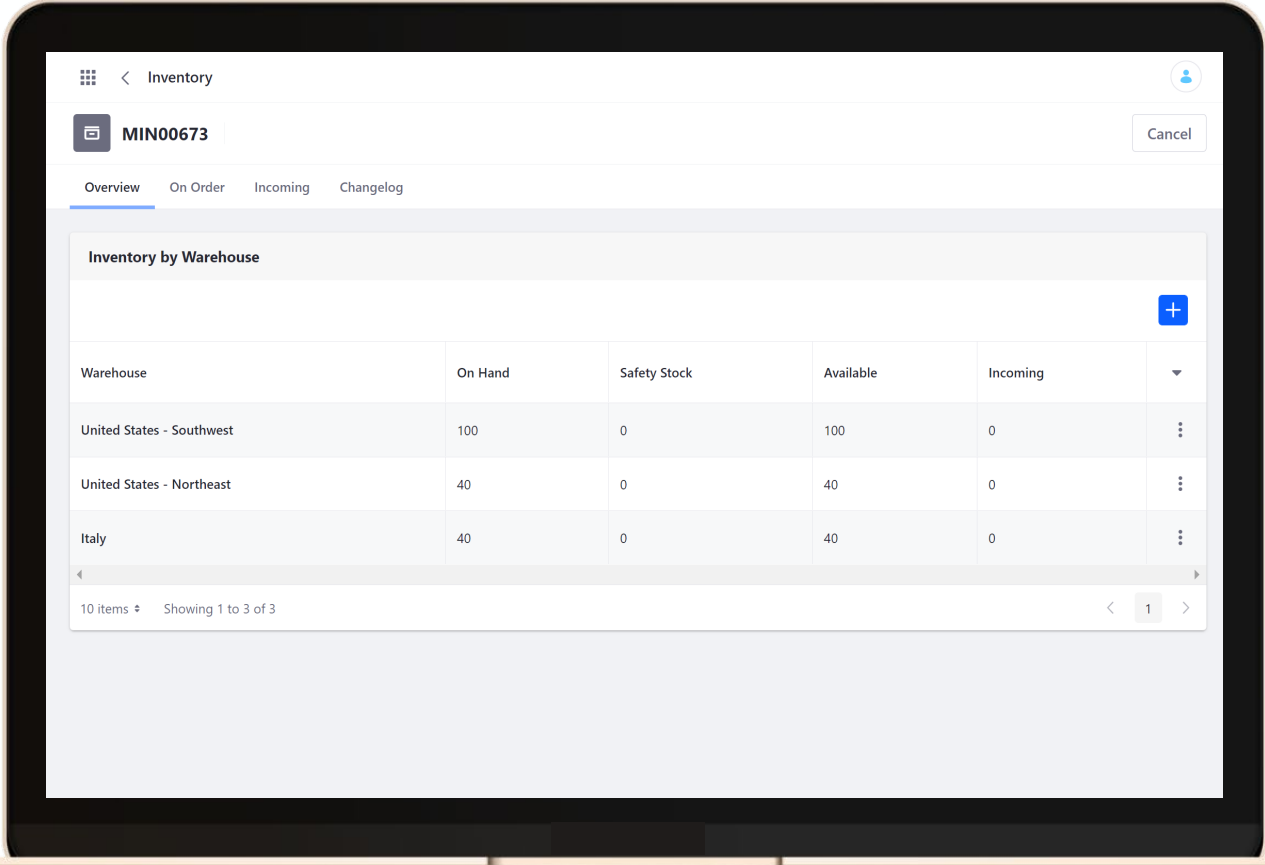
Inventory Management

Warehouses

Inventory by Warehouse

Low Stock Actions

Availability Estimates

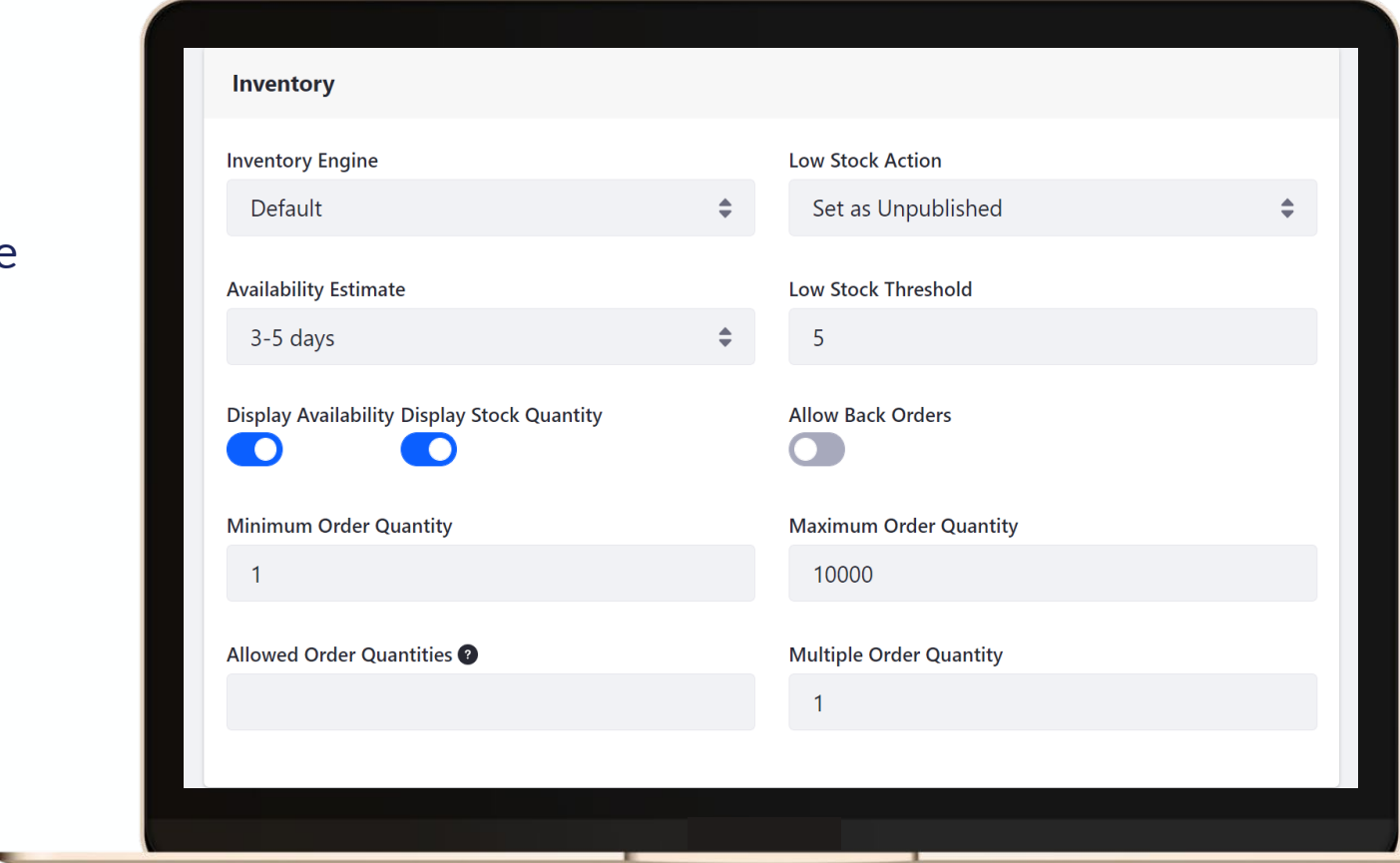


Warehouse	On Hand	Safety Stock	Available	Incoming
United States - Southwest	100	0	100	0
United States - Northeast	40	0	40	0
Italy	40	0	40	0

Inventory Management

Warehouses
Inventory by Warehouse

Low Stock Actions
Availability Estimates



The image shows a laptop screen with an 'Inventory' settings page. The page is divided into two columns of settings. The left column includes 'Inventory Engine' (Default), 'Availability Estimate' (3-5 days), 'Display Availability' (toggle on), 'Display Stock Quantity' (toggle on), 'Minimum Order Quantity' (1), and 'Allowed Order Quantities' (empty field with a help icon). The right column includes 'Low Stock Action' (Set as Unpublished), 'Low Stock Threshold' (5), 'Allow Back Orders' (toggle off), 'Maximum Order Quantity' (10000), and 'Multiple Order Quantity' (1).

Inventory	
Inventory Engine	Low Stock Action
Default	Set as Unpublished
Availability Estimate	Low Stock Threshold
3-5 days	5
Display Availability	Allow Back Orders
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Display Stock Quantity	
<input checked="" type="checkbox"/>	
Minimum Order Quantity	Maximum Order Quantity
1	10000
Allowed Order Quantities ?	Multiple Order Quantity
	1

Pricing



Pricing

Price Lists
Promotions
Discounts

#LRBC2021
@giotto24

The screenshot shows a web application for managing price lists. The main heading is "Price Lists". Below it, the specific list being edited is "Minium Base Price List" with ID 39811 and an "APPROVED" status. The interface is divided into two main sections: "Details" and "Schedule".

Details Section:

- Name:** Minium Base Price List
- Catalog:** Minium
- Currency:** USD
- Priority:** 0.0
- Parent Price List:** Type Here
- Price Type:** Net Price

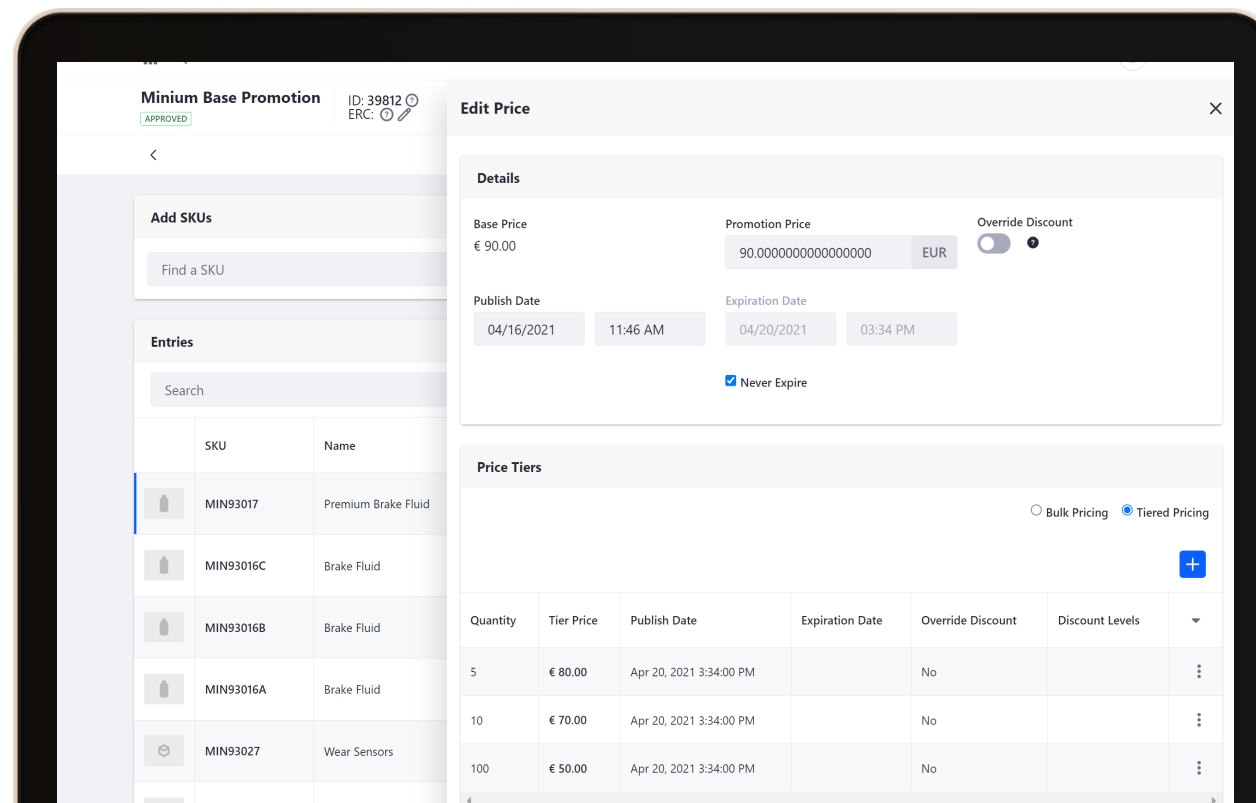
Schedule Section:

- Publish Date:** 04/16/2021 12:46 PM
- Expiration Date:** 04/20/2021 03:33 PM
- ☒ Never Expire

At the top right of the form, there are buttons for "Cancel", "Save as Draft", and "Publish".

- Price Lists
- Promotions**
- Discounts

- Price Lists
- Promotions**
- Discounts



Pricing

Price Lists
Promotions
Discounts

#LRBC2021
@giotto24

The screenshot displays a web interface for configuring a discount. At the top, the title "Discount 10% for all accounts..." is shown with an "APPROVED" status and an ID of 41723. Below the title, there are tabs for "Details" and "Eligibility". The "Details" tab is active, showing fields for Name, Type, Amount, Maximum Discount Amount, and Level. The "Name" field contains "Discount 10% for all accounts if cart total 100 €". The "Type" is set to "Percentage". The "Amount" is "10.00" with a percentage symbol. The "Maximum Discount Amount" is "0.00" with a EUR symbol. The "Level" is "L1". There is an "Active" toggle switch. To the right, the "Schedule" section shows "Publish Date" and "Expiration Date" both set to "04/20/2021" at "03:41 PM" and "03:44 PM" respectively. A "Never Expire" checkbox is checked. Below the "Details" and "Schedule" sections, there is a "Coupon Code" section with an "Enabled" toggle. At the bottom, there is a "Rules" section with a "Rules Connector" set to "And" and a search bar. A table with columns "Name" and "Type" is partially visible at the bottom.

Discount 10% for all accounts... ID: 41723
APPROVED ERC:

Cancel Save as Draft Publish

Details Eligibility

Details

Name *

Discount 10% for all accounts if cart total 100 €

Type * Apply To *

Percentage Total

Amount Maximum Discount Amount Level *

10.00 % 0.00 EUR L1

Schedule

Publish Date 04/20/2021 03:41 PM

Expiration Date 04/20/2021 03:44 PM

☒ Never Expire

Coupon Code Enabled

Rules

Rules Connector ☒ And ☐ Or

Search

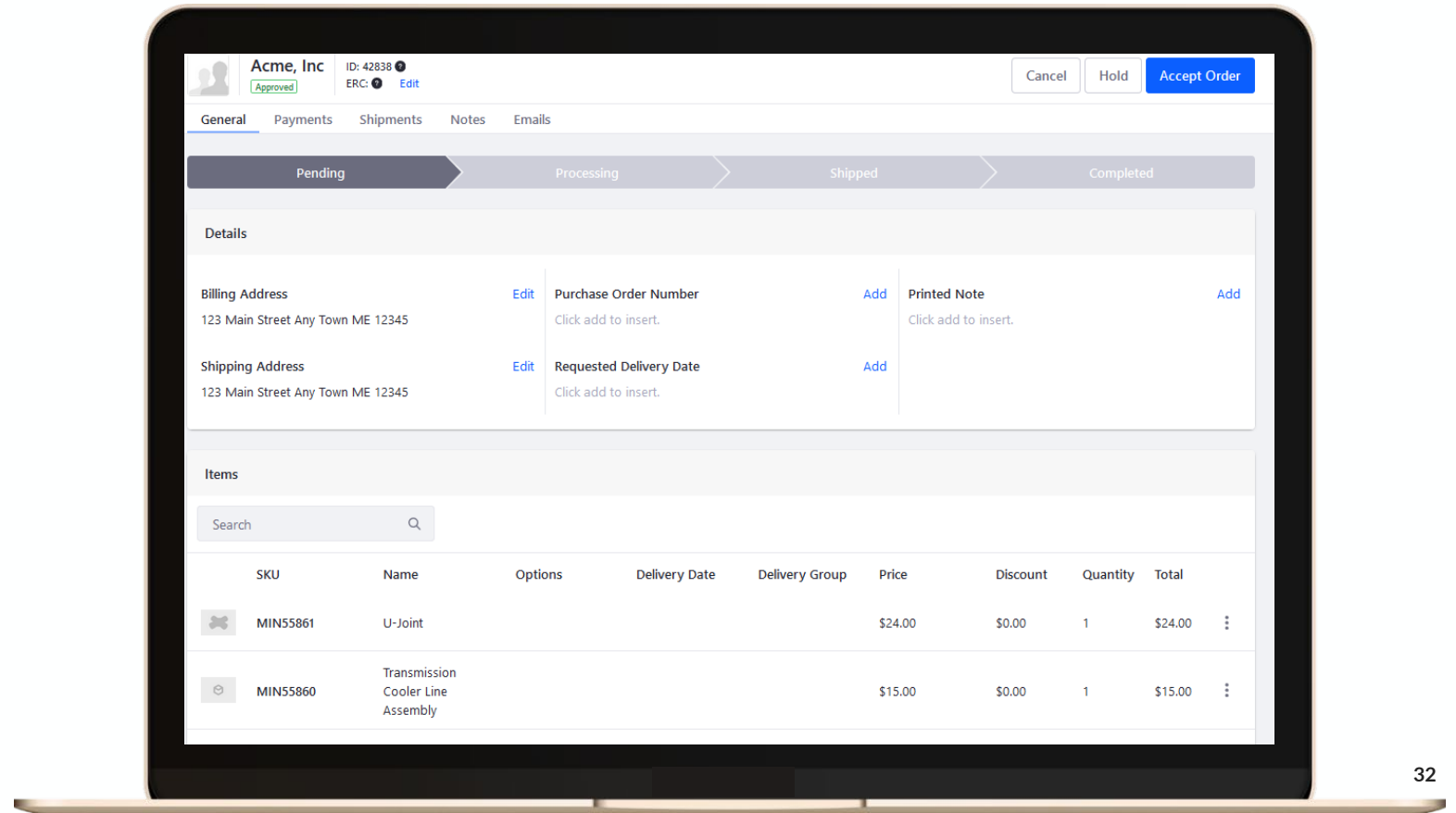
Name	Type
Cart Total	Cart Total

Order Management



Order Management

Orders
Order Workflows
Shipments

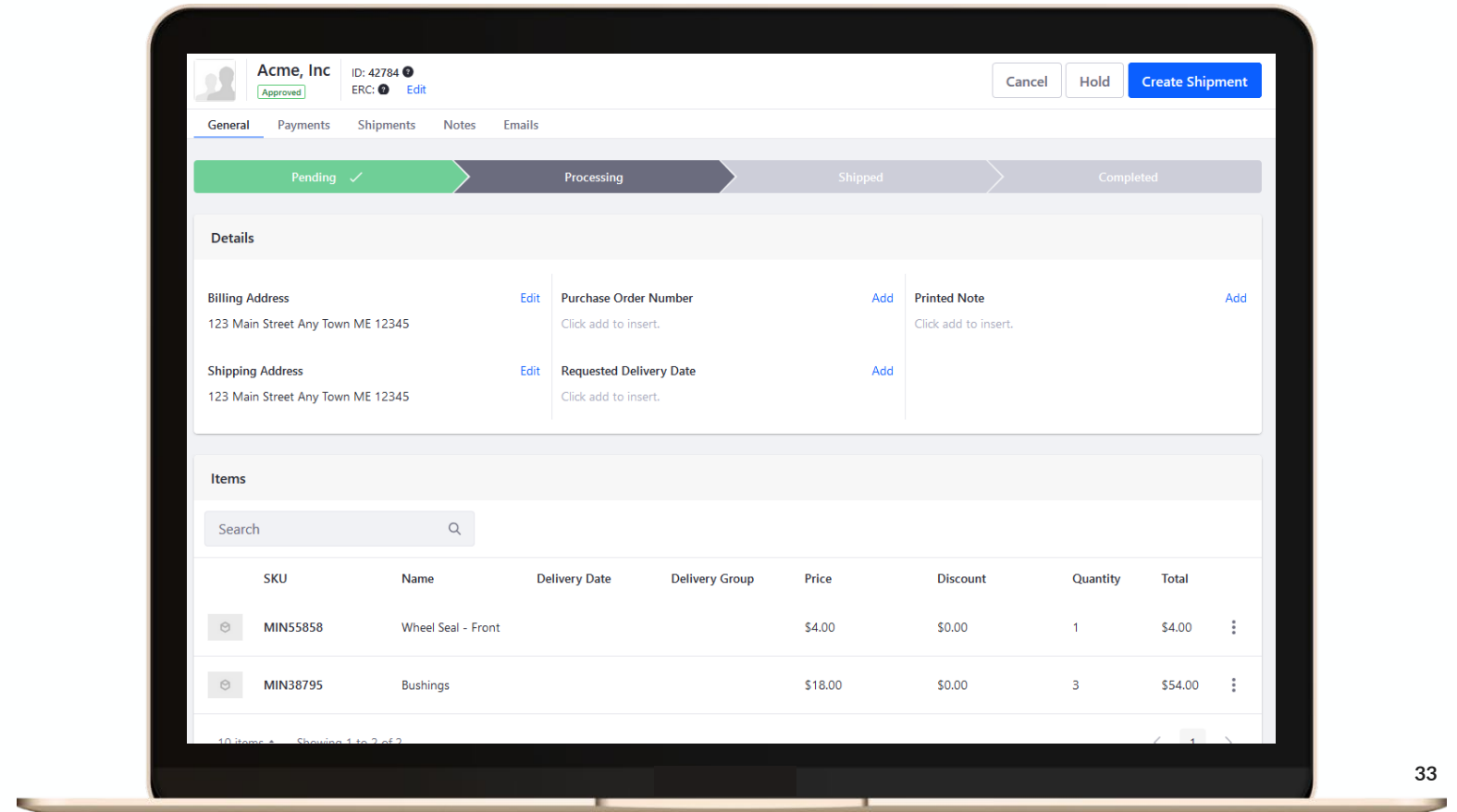


Order Management

Orders

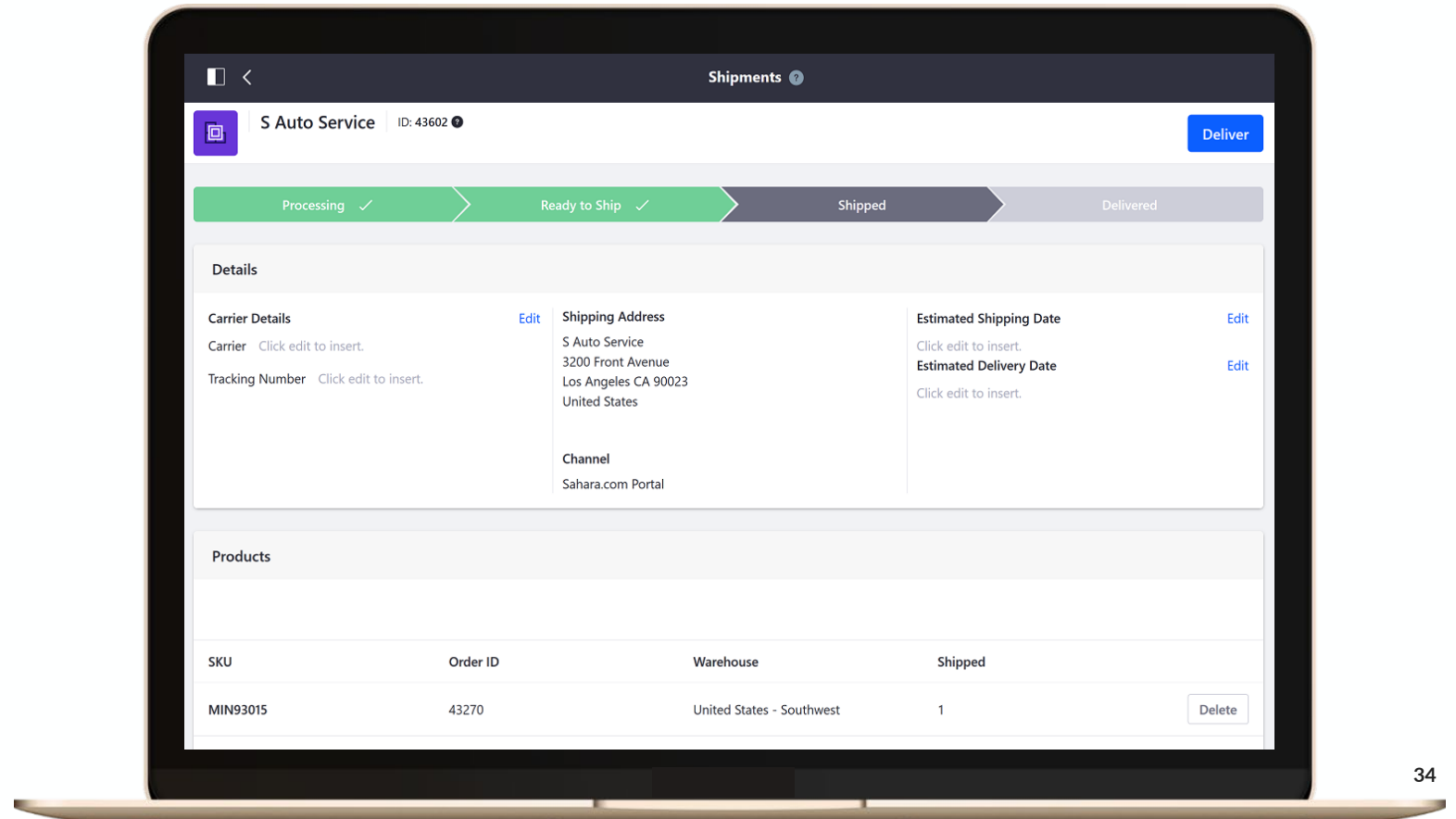
Order Workflows

Shipments



Order Management

Orders
Order Workflows
Shipments

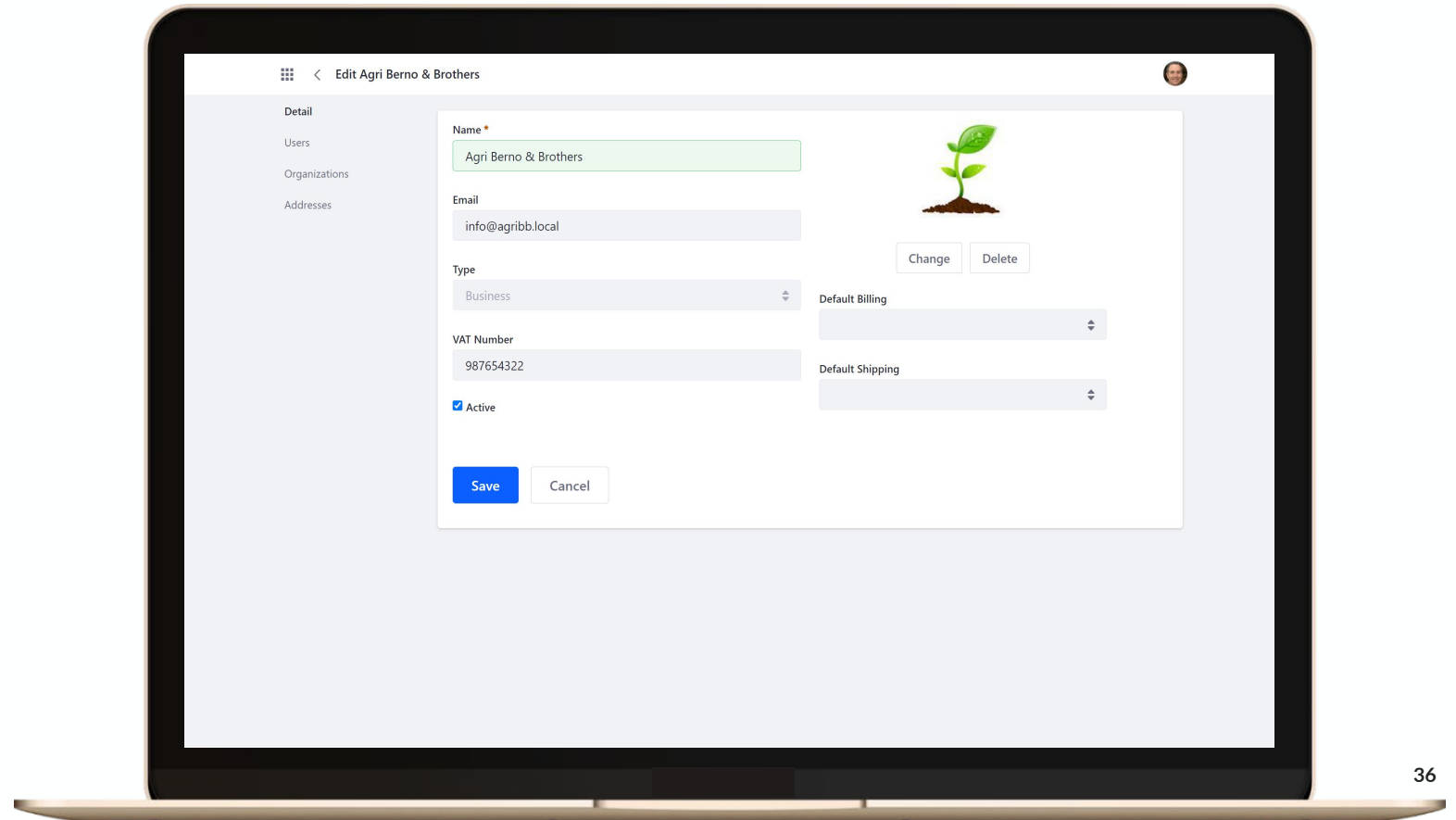


Account Management



Account Management

Account Types
Account Roles
Sales Network

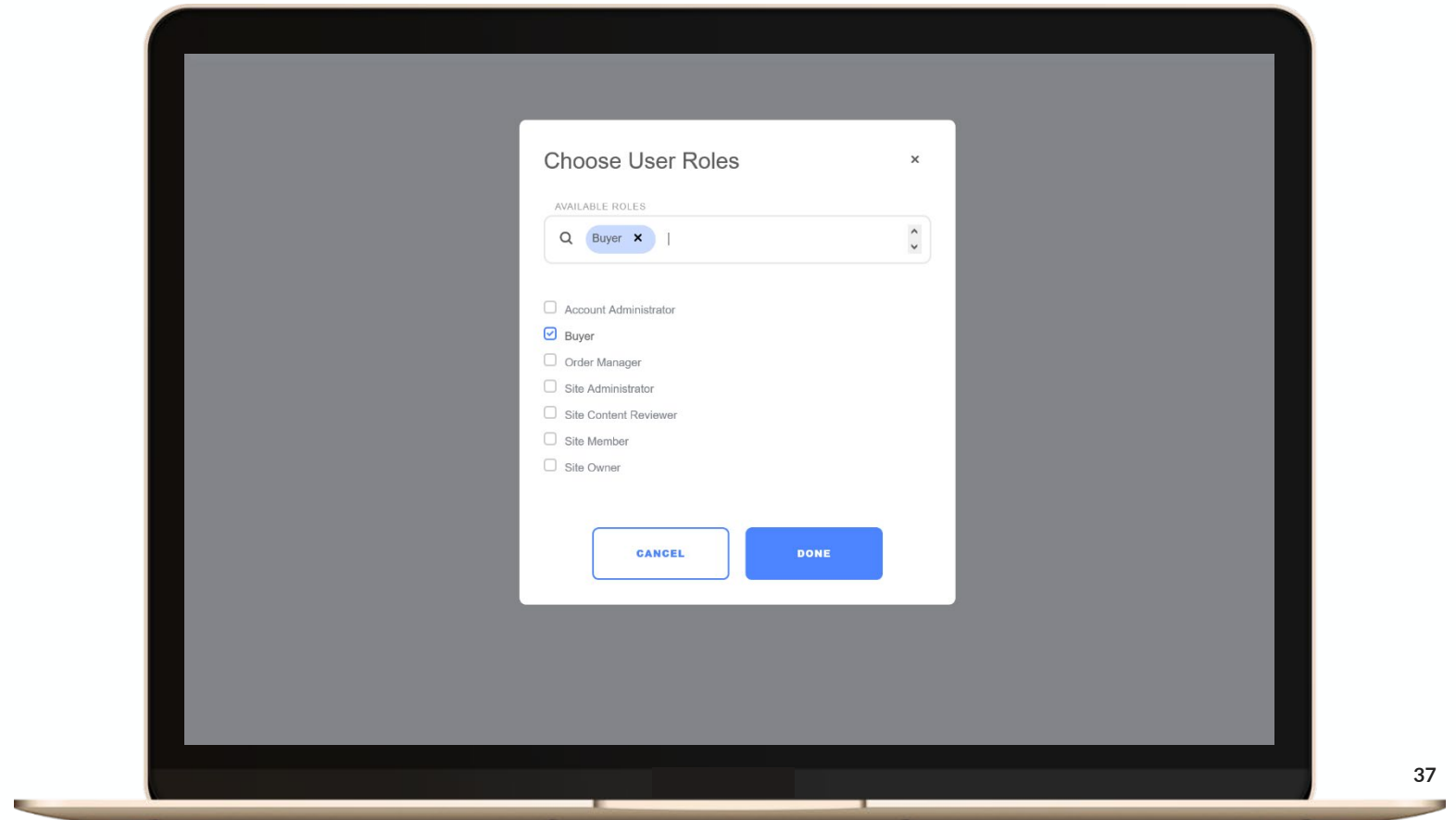


Account Management

Account Types

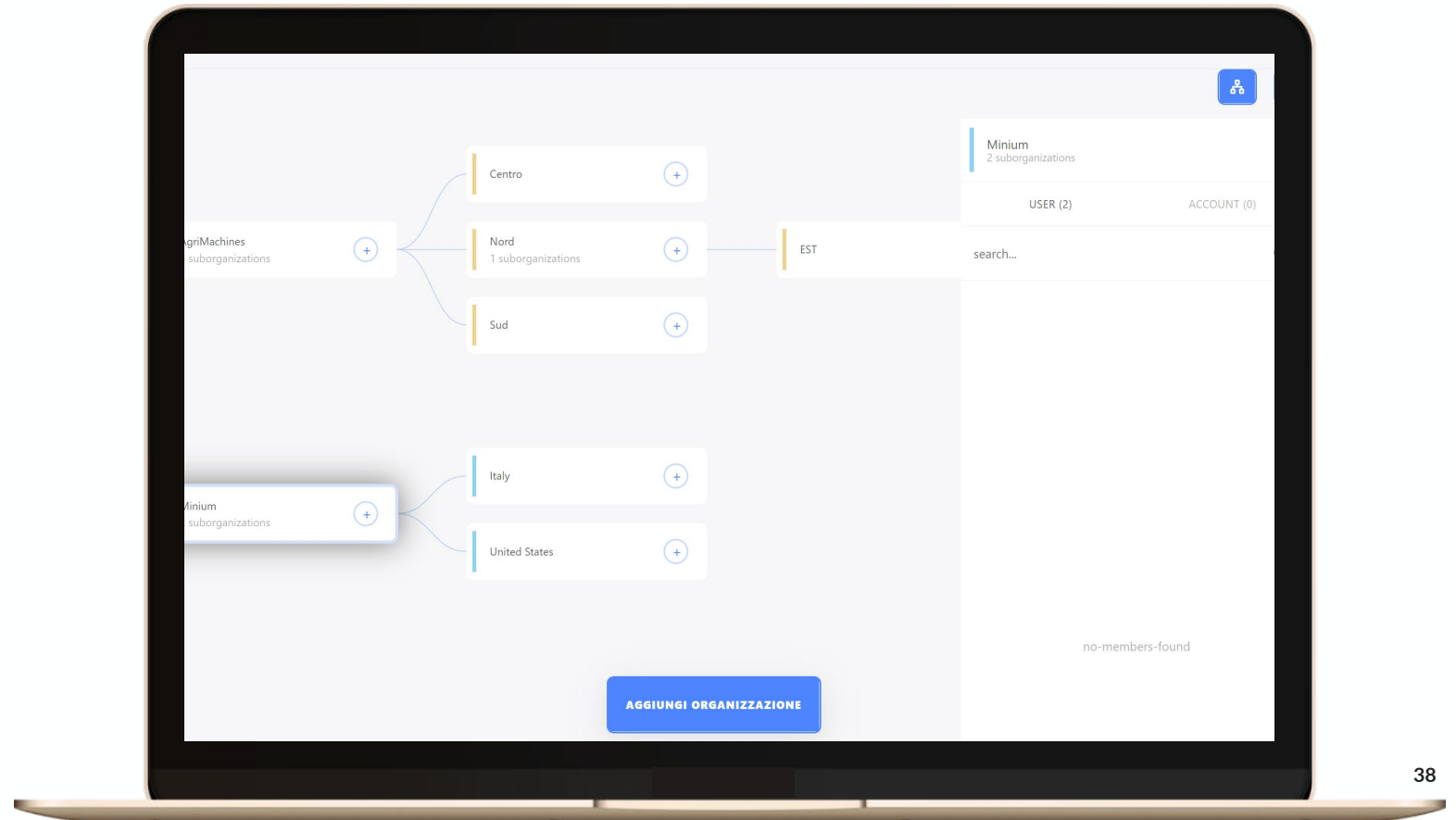
Account Roles

Sales Network



Account Management

Account Types
Account Roles
Sales Network



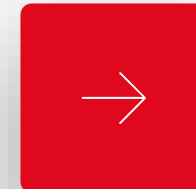
Store front, extensions and integrations



A lot of **widgets**

Ready to use
Configurable

#LRBC2021
@giotoo24



- Accounts
- Cart
- Cart Summary
- Category Content
- Checkout
- Commerce Addresses
- Commerce Categories Navigation
- Coupon Code Entry
- Mini Cart
- Open Carts
- Option Facet
- Placed Orders
- Price Range Facet
- Product Comparison Bar
- Product Comparison Table
- Product Details
- Product Downloads
- Product Publisher
- Product Subscriptions
- Search Results
- Shipments
- Sort

A lot of **Extension Points**



The diagram illustrates various extension points for a product publisher widget. It features a central grid of six white boxes with dark blue text, set against a light gray background. The top-left box is highlighted with a red horizontal bar above it. The boxes are arranged in two rows and three columns. The first row contains 'New Product Data Source for the Product Publisher Widget', 'Custom Order Validator', and 'Custom Cart Checkout Step'. The second row contains 'Custom Product Content Renderer', 'New Payment Method', and an ellipsis '...'. The entire grid is surrounded by a subtle gray shadow.

New Product Data Source
for the
Product Publisher Widget

Custom Order
Validator

Custom Cart
Checkout Step

Custom Product
Content Renderer

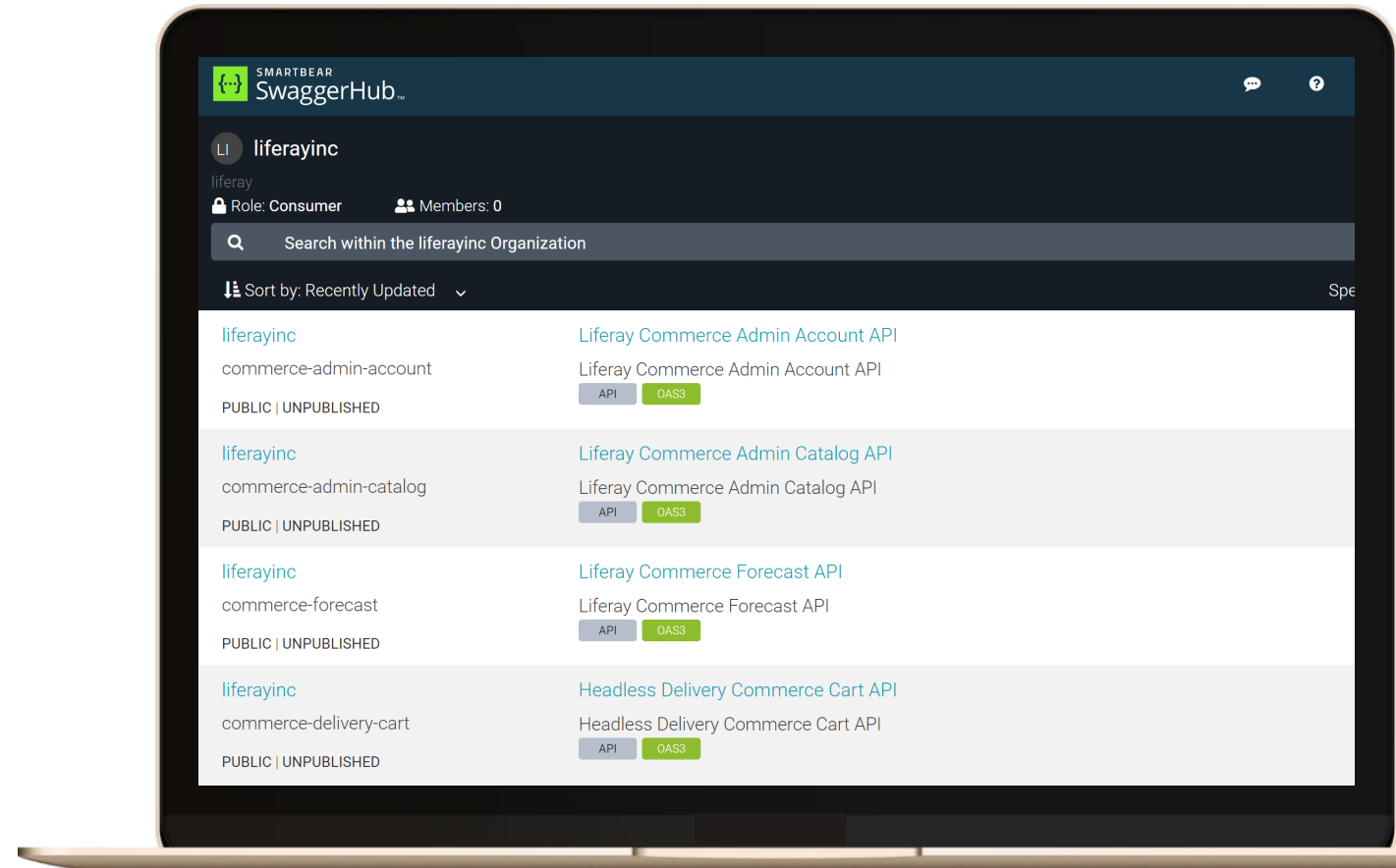
New Payment
Method

...

Headless API - SwaggerHub

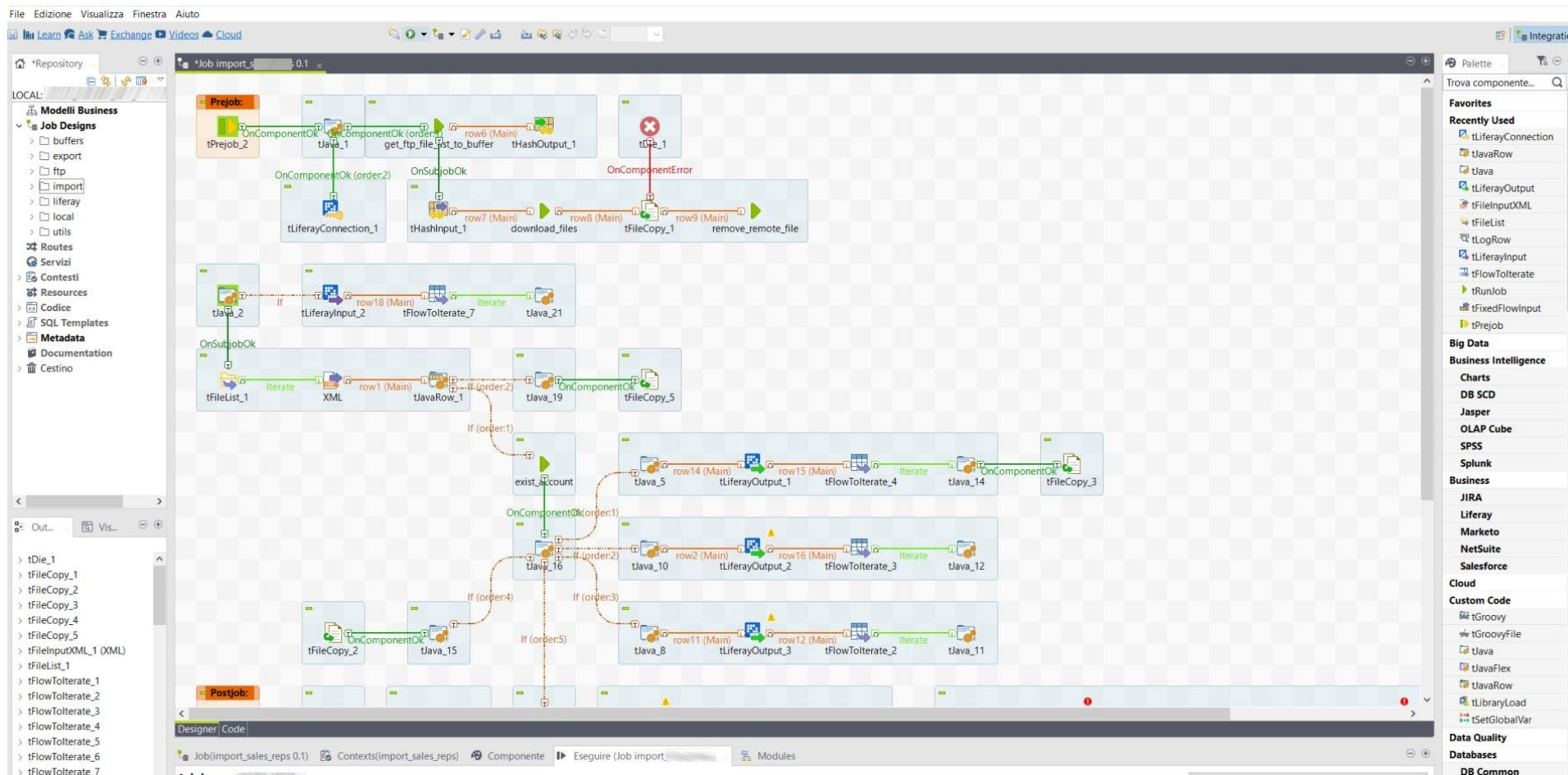
<https://app.swaggerhub.com/organizations/liferayinc>

Admin Site Setting API
Admin Account API
Admin Catalog API
Admin Order API
Admin Pricing API
Admin Inventory API
Delivery Cart API
Delivery Catalog API





Integrating Liferay Commerce using Talend Open Studio (ETL)



It's time for Commerce





Why?

1

Satisfy your customer's purchasing needs

2

Replace manual commerce processes

3

Liferay Commerce & DXP are a single platform

4

It has never been simpler and easier than now





Q&A



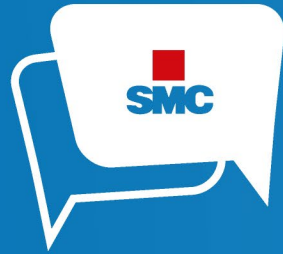
Contacts

GIOVANNI CIGANOTTO

giovanni.ciganotto@smc.it

GitHub [@giovanni-ciganotto](#)

Twitter [@giotto24](#)



Liferay Boot Camp 2021 Digital Edition

Thank you 😊