

Logilos

Staff reduced by 50% and transportation costs cut by 30%

The screenshot shows a web browser window displaying the Logilos application. The browser's address bar is empty. The application's navigation bar includes 'Logilos', 'Requests', 'Sub-requests' (which is highlighted), and 'Charters'. In the top right corner, the user is identified as 'Adam Smith, Administrator' with a profile picture. The main content area shows a sub-request titled 'Sub-request № 1200.1' with a 'PROCESSING' status. A 'Complete sub-request' button is visible. Below the title, there are tabs for 'Main', 'Requirements', 'Route', 'Nomenclature', 'Bidding', and 'Charters' (which is selected). A '+ Add charter' button is on the left, and a 'Sort by number' dropdown is on the right. The main content displays details for charter '1200.1.1', which is 'COMPLETED'. It lists the contact 'John Waltz' with phone number '+62 813 583 22 21', the vehicle 'Saddle tractor' with code 'X 163 BA 13', and '10 cargo places' with weight '1160.0 kg'. The route is from 'Dortmund, Germany' (08.12.2020 5:10) to 'Charleroi, Belgium' (12.12.2020 12:30). A large arrow points to the right.



PROCESSING

Sub-request № 1200.1

✓ Complete sub-request

Main

Requirements

Route

Nomenclature

Bidding

Charters

+ Add charter

Sort by number

1200.1.1

COMPLETED

John Waltz

+62 813 583 22 21

Saddle tractor

X 163 BA 13

10 cargo places

1160.0 kg

Dortmund, Germany

08.12.2020 5:10

Charleroi, Belgium

12.12.2020 12:30

Challenge

Our goal was to develop a transport logistics management system for a large manufacturing company. It would help with carrier selection, track the timing and movement of the cargo along the entire route.

Requests Module

Requests block was developed first and included functions such as:

- ✓ Requests log for transportation
- ✓ Costs and dimensions of cargo log
- ✓ Setting requirements for transportation depending on the type of cargo
- ✓ Items log for delivery
- ✓ Tracking history of cargo during transportation
- ✓ Possibility of dividing requests' route into several segments via different carriers

The screenshot displays the Logilos web application interface for the Requests Module. The top navigation bar includes 'Logilos', 'Requests', 'Sub-requests', and 'Charters'. The user 'Adam Smith, Administrator' is logged in. The main content area is titled 'Requests' and features a '+ Create' button and a 'Sort by created' dropdown. Three request cards are visible:

Request ID	Status	Autor	Request	Consignee	Shipment on	Delivery on	Cost
Nº1242	PENDING	John Smoth	2562	Milkshake LLC	02.08.2020	02.08.2020	\$ 1 202 210.00
Nº1021	RETURNED	John Smoth	1201	Fastedog LLC	22.07.2019	01.01.2020	\$ 932 000.21
Nº1001	RECEIVED	John Smoth	0921	Milkshake LLC	22.07.2019	09.12.2019	\$ 1 030 406.78

Each card also includes customer information, creation dates, and letter dates. A chat icon is visible in the bottom right corner.

Stock Module

As the next step, we developed a service for bidding and collecting offers from carriers:

- ✓ Automatic selection of carriers depending on the type of cargo and transportation requirements
- ✓ Manual management of the supplier list
- ✓ Prompt reporting for deciding on the best offer



SOLUTION

Stock Module

Within the Stock Module contractor can:

- ✓ View the list of orders for which there are active trades
- ✓ Submit proposals and track the selection of the winner on the application
- ✓ Maintain a list of charters by winning applications
- ✓ Plan the resources involved in transportation



Reduced costs
of transport logistics



Brought clients and
contractors into one space

StecPoint

The screenshot displays the Logilos web application interface. At the top, there is a navigation bar with 'Logilos' and tabs for 'Requests', 'Sub-requests', and 'Charters'. The user 'Adam Smith, Administrator' is logged in. The main content area is titled 'BIDDING' and 'Sub-request № 1200.1'. A 'Send a proposal' button is visible. Below the title, there are tabs for 'Main', 'Requirements', 'Route', 'Nomenclature', 'Bidding', and 'Charters'. The 'Bidding' tab is active, showing a table of 'Vehicle and charter cost' with columns for 'Body type', 'Charters', and 'Total'. The table lists various vehicle types and their associated costs. To the right of the table is a '+ Add vehicle' button. Further right, there are sections for 'Offer value' and 'Terms and conditions of payment', each containing a table of details.

Body type	Charters	Total
2 x Pickup	2 x \$ 100	\$ 400
5 x Pickup	3 x \$ 150	\$ 2 250
2 x Van body	1 x \$ 150	\$ 300
1 x Flat Bed	4 x \$ 150	\$ 450
2 x Log	2 x \$ 150	\$ 600
3 x Pole	1 x \$ 150	\$ 600
2 x Pickup	3 x \$ 150	\$ 300
5 x Pickup	1 x \$ 150	\$ 450
2 x Van body	4 x \$ 150	\$ 600
1 x Flat Bed	2 x \$ 150	\$ 600
1 x Flat Bed	2 x \$ 150	\$ 600

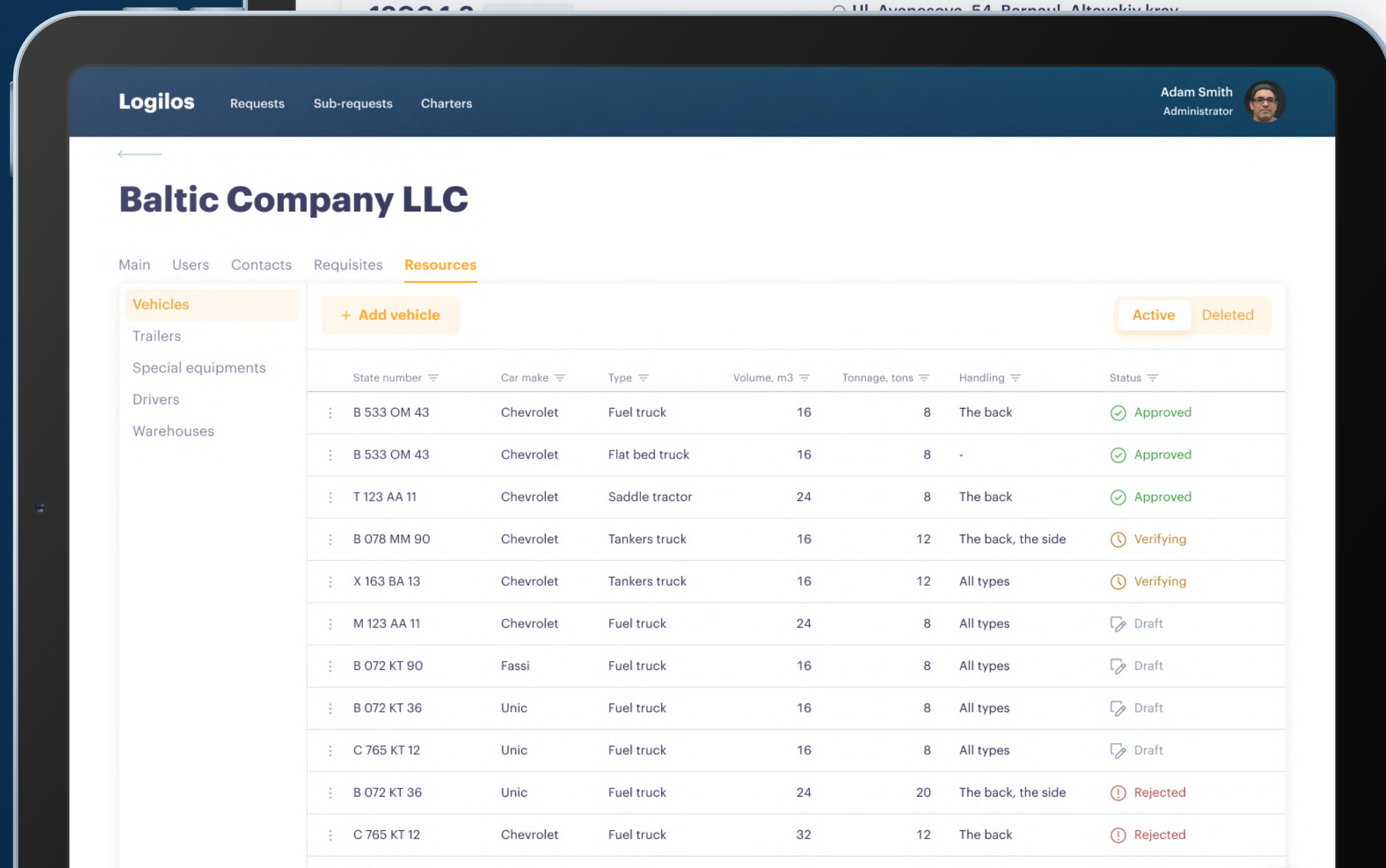
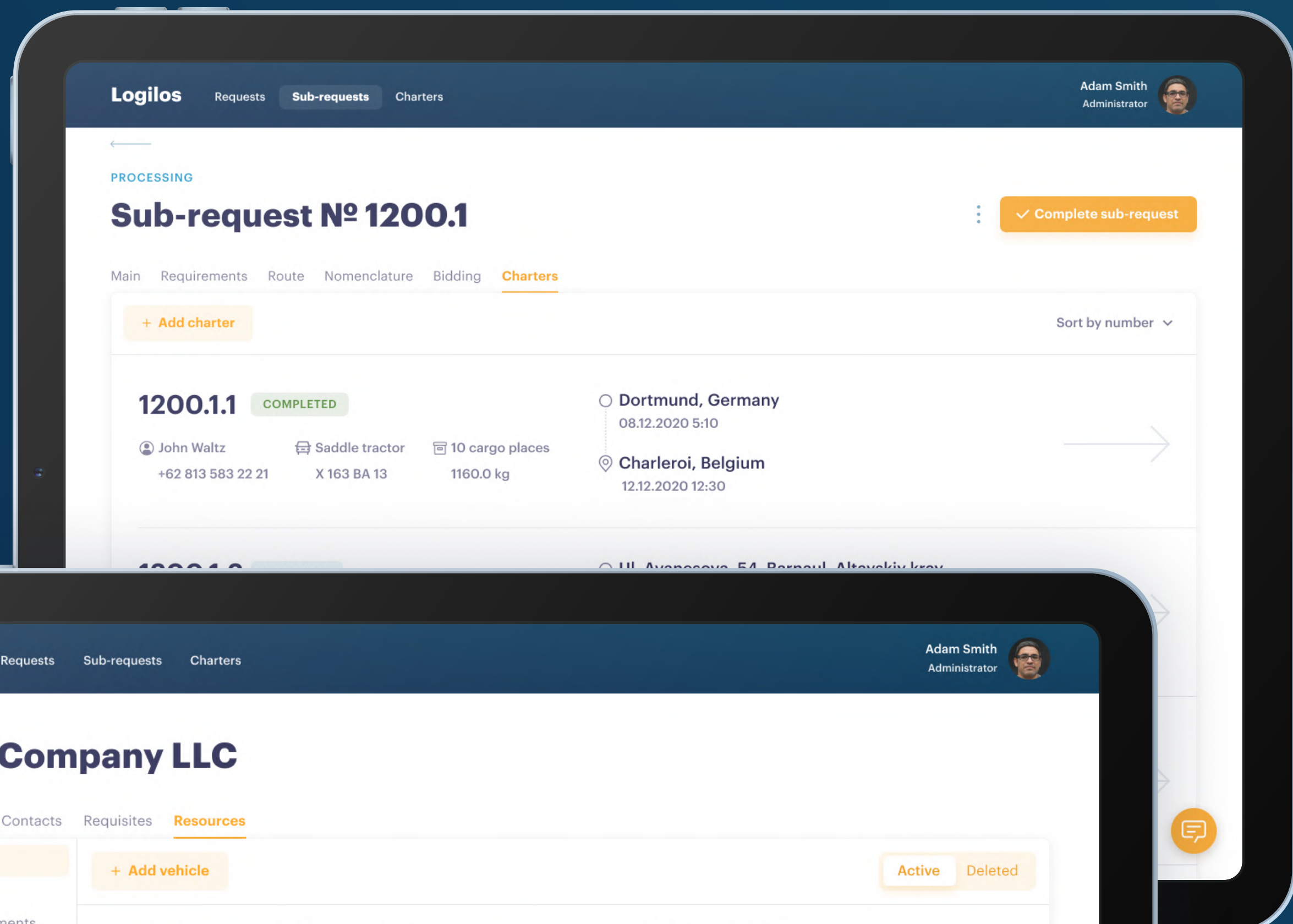
Offer value	
Cost excuding VAT	None
VAT	None
Cost including VAT	None
Currency	United States dollar

Terms and conditions of payment	
Work start date	None
Work term, days	None
Terms of payment	None
Insurance rate, %	12
VAT, %	20

Resources & Charters Module

We have developed features for planning and allocating resources for requests:

- ✓ Directory of resources log of the carrier company
- ✓ Resources involved in the transportation process log (cars, drivers, equipment, warehouses, etc.)
- ✓ Client approval of resources
- ✓ Assigning resources to a specific request
- ✓ Allocation of resources between charters
- ✓ Functional accounting of all charters on request



Nomenclature Management Module

We have developed a module that allows:

- ✓ Maintain documentation for the acceptance and transfer of cargo
- ✓ Scan nomenclature at checkout
- ✓ Deal with deviations identified during acceptance



Reduced operational errors because of the transition to electronic document flow according to the nomenclature

The image shows a tablet displaying the Logilos web application interface. The interface is for a 'Charter N°1200.1.2' and is currently in 'DRAFT' status. The user is identified as 'Adam Smith, Administrator'. The main navigation includes 'Requests', 'Sub-requests', and 'Charters'. The 'Nomenclature' tab is active, showing a summary of the charter: 124.000 kg Total weight, \$ 5 340,00 Cost of items, and 103 Items. Below this is a table of cargo items.

Item	Cargo type	Number of packages	Type of packaging	Q-ty	Unit	Measurement, m3	Weight, kg	Hazard class
12 Tube Square Tube Pipe	Container	2	Shipping tube	12,000	meters	10,000 10,000 x 1,000 x 1,000	90,000	Non-hazardous
	Container	3	Shipping tube	10,000	meters	10,000 10,000 x 1,000 x 1,000	90,000	Non-hazardous
	Container	5	Shipping tube	10,000	meters	20,000 20,000 x 1,000 x 1,000	30,000	Non-hazardous
	Container	5	Shipping tube	10,000	meters	20,000 20,000 x 1,000 x 1,000	30,000	Non-hazardous
	Container	5	Shipping tube	10,000	meters	20,000 20,000 x 1,000 x 1,000	30,000	Non-hazardous
	Container	5	Shipping tube	10,000	meters	10,000 10,000 x 1,000 x 1,000	90,000	Non-hazardous
	Container	5	Shipping tube	9,000	meters	20,000 20,000 x 1,000 x 1,000	30,000	Non-hazardous
	Container	5	Shipping tube	20,000	meters	20,000 20,000 x 1,000 x 1,000	23,000	Non-hazardous
	Container	5	Shipping tube	22,000	meters	20,000 20,000 x 1,000 x 1,000	23,000	Non-hazardous
	Container	2	Shipping tube	21,000	meters	10,000 10,000 x 1,000 x 1,000	23,000	Non-hazardous

In the foreground, a smartphone displays a QR code scanner interface. The text on the phone screen includes 'GRAB AND CHECK', 'Place the QR code inside the area', 'For iOS', and 'Scan it and'. There is also an 'Add manually' button at the bottom of the phone screen.

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