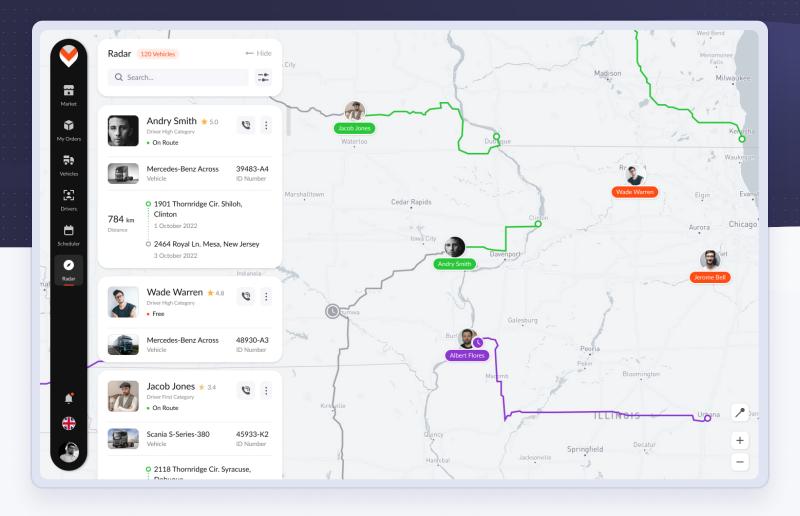


We have successfully completed over 200 projects in 65+ countries across the globe. The majority of our clients reside in the United States, Canada and the European Union.

## Online Logistics Platform for Carriers and Shippers

The idea of the logistics platform is to connect carriers, shippers, and drivers into one working chain, connect them with each other, interact, and transport cargo safely and reliably. It's accessed via a desktop web application for cargo owners and transportation companies, and a mobile app for each driver.



## **Business Challenge**

The client wanted a local logistics operating platform that would change the structure of the market for the better by digitalizing the process of monitoring and organizing of the transportation process, legality checks, and GPS cargo tracking. In time, the customer plans to scale this logistics platform worldwide, so multi-language support was also required.

### Solution

The customer chose XB Software because of our significant experience in <u>logistics software</u> development. The team developed an online logistics platform that performs the roles of a marketplace, cargo delivery process regulator, and route assistant simultaneously. The platform makes road cargo transportation more efficient, safer, transparent, and controllable.

All users have access to real-time information. Shippers can find carriers, selecting the most suitable by looking at metrics such as their ratings on the platform, and the number of delivered orders, and also read testimonials about them. Carriers, in their turn, can use the platform to generate orders, reduce fleet downtime through better planning, scale their business, control drivers, and reduce risks. The platform offers handy payment opportunities, billing, and document sharing features.

The digital logistics platform supports these roles:

An **administrator** manages all other users: approves applications for registration from all market players, checks confirming documents, blocks user operations in case of claims.

A **shipper** can create transportation orders and manage them. On the Radar screen, a shipper can see all active, assigned, planned, and completed delivery orders, as well as pick up and delivery points on the map. All features are available on mobile devices.

A **carrier** manages transport, monitors the market, gets jobs and assigns resources to them. They can see all active orders and can choose any request and make a proposal to a shipper. The logistics platform's users with this role assign a vehicle and a driver for the job, as well as pick-up and delivery dates. Orders status then changes to "planned." A carrier can manage the auto pool: creating, editing, and deleting vehicles.

A **driver** utilizes the mobile app. When it's running it lets a carrier see the truck on the Radar screen. The driver can view all orders assigned to them, as well as a day plan of order details sorted by start time. They select the option to "start delivery" when they begin the journey and mark it as "complete" when the job is finished.

My Orders	62 Orders	All	In Work	P	ending Clos	ed Q	Search	-	-	MP29384988 / Assigned ×
Order ID	Driver/V	/ehicle	Route			Customer	Cargo	Freight Price		Basic Info Cargo Customer Documents
Market MP29384988 Delivery		Jane Cooper HDD-948, MAN	Boston 12 Sep 2022	÷	Orlando 16 Sep 2022	CLOCISTICS	Metal Tube 890 kg, 14 m3	\$800	:	Evansville
My Orders Assigned	9	Devon Lane PEB-394, Mercedes	Lexington 12 Sep 2022	$\rightarrow$	Clarksville 13 Sep 2022	ANDERSON	Building Materials 18,500 kg, 82 m3	\$1,200	:	KENTUCKY
Vehicles Delivery	<b>.</b>	Esther Howard BCD-333, Scania	Mesa 12 Sep 2022	$\rightarrow$	Norman 15 Sep 2022	NOVOLEX	Concerte Construct 3,000 kg, 12 m3	\$550	:	Clarksville
PF88498490 Drivers Delivery	3	Brooklyn Simmons MNM-342, MAN	Buffalo 12 Sep 2022	÷	Houston 14 Sep 2022	ANDERSON	Building Materials 20,000 kg, 65 m3	\$1,100	:	TENNESSEE Knowille
MN84791830 Scheduler Assigned		Leslie Alexander KLD-149, Renault	Orlando 12 Sep 2022	$\rightarrow$	Hayward 14 Sep 2022	CORPORATE	Lumber 1,290 kg, 15 m3	\$850	:	Devon Lane $\star$ 5.0 Driver High Category • Waiting
PP24844556 Radar Assigned	DL	Jenny Wilson KTM-111, Mercedes	<b>St.Louis</b> 12 Sep 2022	$\rightarrow$	Mesa 15 Sep 2022	COCISTICS	Metal Tube 1,291 kg, 21 m3	\$1,400	:	Mercedes-Benz Across 39483-A4 Vehicle ID Number
MP42662849 Assigned		Guy Hawkins KDV-134, Volvo	Omaha 12 Sep 2022	$\rightarrow$	Chicago 16 Sep 2022	CLOCISTICS	<b>Metal Tube</b> 689 kg, 16 m3	\$700	:	o 191 Thornridge Cir. Shiloh, Lexington
BN53662989 Planned	6	Cody Fisher BMN-445, Volvo	Hayward 13 Sep 2022	$\rightarrow$	Houston 15 Sep 2022	ANDERSON	Building Materials 1,294 kg, 20 m3	\$950	:	345 km Distance O 264 Royal Ln. Mesa, Clarksville
RP84950838 Assigned	£	Bessie Cooper CVK-489, MAN	Washington 13 Sep 2022	$\rightarrow$	Reno 16 Sep 2022	CORPORATE	Lumber 900 kg, 24 m3	\$1,000	:	13 September 2022
MP42895032	DL	Ralph Edwards	Orlando	$\rightarrow$	Boston		Metal Standing Seam	\$990	:	Building Materials Cargo Freight Price

#### Project in Figures

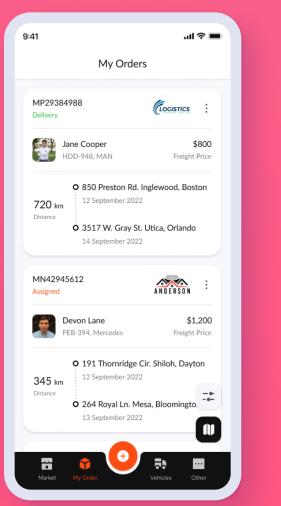


Month Duration

# **(b)** 1500

Estimated man-hours

	IDIANA Dington Cincinn	Bellefontaine Columi ati Georgetown
	Devon Lane ★ 5.0 Driver High Category • Waiting	۰ :
	Mercedes-Benz Across Vehicle	<b>39483-A4</b> ID Number
<b>345 km</b> Distance	<ul> <li>o 191 Thornridge Cir. Shilo 12 September 2022</li> <li>o 264 Royal Ln. Mesa, Bloo 13 September 2022</li> </ul>	
Build Cargo	ing Materials \$1,2 Freig	00 ht Price
Tile 18,50 Cargo		n <b>3</b> o Volume
Not Fragile		
Market	My Order	les Other





#### Result

XB Software developed this system from scratch with the help of <u>React.js</u>, a user-friendly logistics platform that has changed the rules of the game in the local logistics market. It provides opportunities to participants for tremendous business growth, saving them time and money, and helping them to establish reliable supply chains and partnerships. For this platform, <u>Node.js</u> was used as a backend technology to ensure great results.

