

KNPV

*Лапковская П.И., Кушиш А., Миллер В., Устинович К., Канский П.
Белорусский национальный технический университет*

Abstract: *KNPV is a project that combines all the best that is necessary for effective cooperation between carriers and customers in real time. The platform was created with the aim of developing the practice of introducing the GPS monitoring function into the transportation management system, reducing the time for finding transport, as well as optimizing the processes of interaction between the two parties.*

The project solution offers reliable environment in which the client and the carrier can manage their partner base, interact with each other "quickly and to the point", as well as strengthen ties, thereby saving their time and money.

During the development of KNPV, the strengths and weaknesses of already existing platforms for organizing transportation were studied. The analysis of the needs was made also of employees of organizations that hire transport for transportation. It was revealed that there is no single base in which the client and the carrier could study already individually processed information about previous transactions, their cost, directions.

Thanks to our platform, it becomes possible!

The advantages that will allow KNPV to become the main tool for comfortable interaction between carriers and customers are:

- modern approach to the organization of transportation;
- reliable system of customer identification of the system;
- freedom from freight forwarders;
- concise and simple interface;
- own GPS map.

More about GPS map

This function will allow the client to find the right car even faster!

Thanks to the development of GPS monitoring in transport, our team decided that the key advantages of KNPV would be the ability of the client to see the free vehicles of the carriers with which he would like or already cooperate. This will allow the client to find quickly the right carrier and conclude a deal with him.

GPS-sitemap is a new look at the application of the GPS-monitoring system on transport!

According to preliminary estimates, the projected user flow for the first 2 months is 7 carriers for 12 customers, and in a year – 66 carriers and 126 customers.

In the process of developing a design solution, it became clear that KNPV had a number of promising areas that, if the project was successfully launched it should be developed. Among these perspectives:

- creation of versions of the site in different languages;
- organization of the document management system;
- development of additional services;
- implementation of an AI-based automatic carrier selection system (artificial intelligence).

The KNPV team invites to become a reliable and modern platform for thousands of users of the Republic of Belarus and neighboring countries!