

DEVELOPMENT OF TRANSPORTATION SYSTEM CONTROL SYSTEM USING GEOFORMATION TECHNOLOGIES.

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Annotation: The application of geoinformation technologies in trucks on the territory of the Republic of Uzbekistan with the use of foreign experience in the territory of Uzbekistan, as well as the analysis and application of the management system in accordance with the conditions of Uzbekistan.

Keywords: geoinformation, city, electronic, KPI, GIS, information, GAT, model, GPS, technical, passenger, intellectual, site, tool, automation, internet, 1C, PDA, direction.

Introduction. A geographic information system is a generalized software system under the control of specialists and analysts, whose main tasks are to collect, store, manage, analyze, model and describe geophysical data of natural and social phenomena by special means. Geoinformation mapping is the result of the interdependence of geoinformatics and cartography. Geoinformation mapping is an integral part of automated cartography, aerospace methods, including remote sensing, decoding, digital photogrammetry, and geoinformatics. Geoinformation mapping is one of the main directions of cartography. It provides automated cartographic modeling of natural and socio-economic information based on GAT and geographic databases. [1]

The use of modern methods to ensure the efficient operation of logistics companies is necessary to improve the management, coordination processes in supply chains, as well as the development and implementation of advanced information technologies that support all key processes of company management and its integration with partners. consists of

The KPI system is used to achieve the following objectives:

- formation of the structure and target values of indicators of activity of sales staff;
- daily accounting of staff performance in the regions;
- providing the opportunity for operational analysis of performance indicators in trading houses;
- maintaining the achievement of consolidated indicators by providing analytical capabilities;
- provide service managers with tasks for ordinary employees of sales opportunities for rapid staging. To do this, a rapid data exchange is established between the accounting system and personal computers.

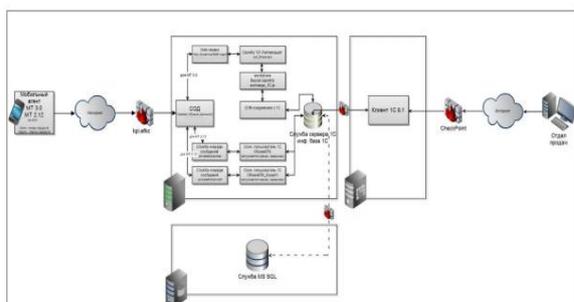


Figure 1. Online data exchange scheme.

Кад. №	Наименов.	Адрес	Целевая группа	Категория прив.	Клиентский	Версия ИТ	Роль маршрута	Территория ТМ
26	ИТЗ							
1	И001		Все документы	Все	Алексеева	3.0	Торговый при.	Белгородская обл.
2	И002		Все документы	Все	Алексеева	3.0	Торговый при.	Белгородская обл.
3	И003		Все документы	Все	Алексеева	3.0	Торговый при.	Белгородская обл.
4	И004		Все документы	Все	Брянск	3.0	Торговый при.	Брянская обл.
7	И007		Все документы	Все	Алексеева	3.0	Торговый при.	Белгородская обл.
9	И009		Все документы	Все	Брянск	3.0	Торговый при.	Брянская обл.

Figure 2. "Routes" directory.

To track employee performance, 1C software connects employees to the PDA's GPS data to track their daily routes, as well as visually see on the map the employee's day-to-day routes, deviations, and retail visits. create a report that gives. Based on this information, the employee's job is his or her salary to be paid. Another important improvement is the determination of the coordinates of the points of sale. A map is attached to the "Output Locations" directory, one part of the map is needed for the printed path, and the other is the output coordinates, which are automatically determined and saved in the directory. You will then need to track the employee's route. Each employee has his own route - a list of trading days, which he must visit during the working day. The GPS data from the PDA of the employee is compared with the installed GPS data to create

a "Points of Sale" directory "Agent's actual route" report, from which it is clear whether the employee visited the point of sale from his direction [2]

Methodology: Geographic Information System (GIS) - This can give us a new perspective on the world around us. If you do without generalizations and images, then GIS is real-world construction maps, as well as real-world construction maps, as well as events happening on our planet. This technology combines traditional database operations with the advantages of complete visualization and geographic (mektivona) analysis provided by the map as well. These features are distinguished from other information systems by GIS and provide a wide range of tasks related to environmental analysis and understanding and distribution of key factors and causes, as well as understanding and understanding of causes and their distribution, as well as, understanding and reasons.

Analysis and Results: The principles of operation of geographic information systems are similar to the principles of working with databases (surveys and statistical analysis), but at the same time they have a number of advantages that allow for full visualization. All of this provides unique opportunities for the program to address geographic information systems in a wide range of tasks the analysis of events and incidents, the prediction of their possible consequences, makes it possible to plan strategic decisions.

Discussions: The success of many companies in a market economy is directly dependent on the efficient use of transportation networks as people and goods move. In this case, it is very important to have a clear transportation schedule that allows all actors: carriers, suppliers and consumers to optimize costs, reduce the time and number of vehicles. The problem in question can be described as a transportation problem. The vehicles that need to deliver a certain amount of goods to existing customers. However, in solving this problem, it should be taken into account that the delivery will take place in real urban conditions, when the delivery depends not only on the distance but also on the

congestion of the route, i.e. the unevenness of city streets should be taken into account.

In short, the use of the above-mentioned programs makes it very convenient for us to register trucks when crossing the border between our countries. In addition, the use of these systems in high-profile manufacturing enterprises saves time by automatically transferring all operating conditions to the system. It was concluded that all employees, trucks, as well as other similar items are automatically counted through these systems, which allows to analyze how much a monthly salary for each employee, fuel consumption for trucks, how long it takes to reach the specified distance. . I hope that as a result of applying these systems for our independent Uzbekistan, we will make a significant contribution to the development of our country.

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