

**MONITORING  
PLUS**



# SKIF.ME

**FUNCTIONALITIES OF THE SOFTWARE**





M-Plus company is the developer of unique telematic solutions used for transport and for controlling various performance indicators of mobile and stationary facilities.

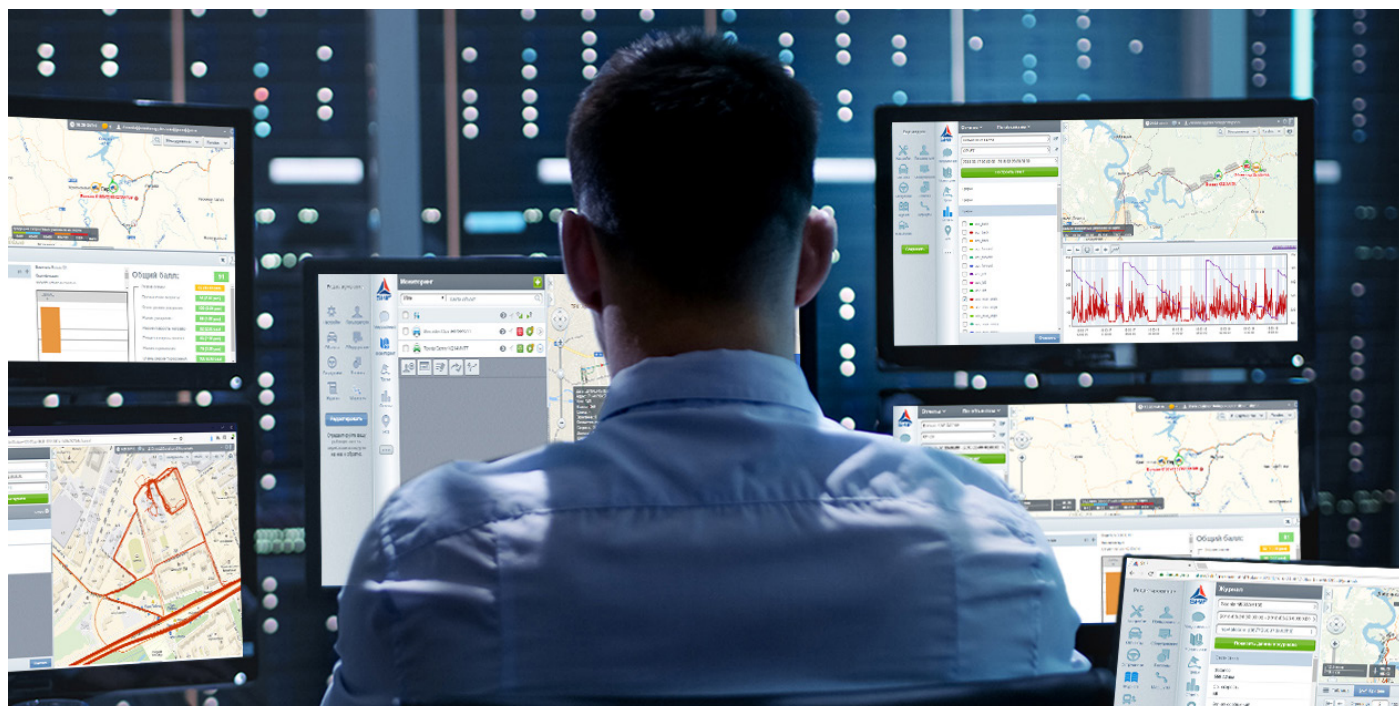
For more than 8 years, we have been offering our clients a range of project implementation activities starting with the choice of the necessary equipment and software, installation and commissioning, with the option of our specialists visiting the client, and up to training the customer's personnel in software operation skills and service support in troubleshooting and repairing equipment.

The solutions we offer provide integrated control over various areas of company activities, which leads to efficient management and increase of traffic turnover, task fulfillment in optimal time, and all that eventually increases the company's net profit.

**OUR BASIC ACTIVITY IS A SYSTEM OF MONITORING AND DISPATCHING MOBILE AND STATIONARY OBJECTS BASED ON OUR PROPRIETARY SKIF.ME SOFTWARE**

SKIF.ME is a navigation and information system designed to be applied in satellite localization and navigation and meant to display incoming data from land, air and sea objects. This software is provided as a web-interface available through the link [www.skif.me](http://www.skif.me), it also exists as an application for Android and iOS mobile devices.

The SKIF.ME platform is applicable for monitoring transport and stationary objects. Satellite monitoring implies providing current on-line information, analysis and reporting, a fuel control algorithm of our own, efficient operations with tachograph data, routing and cartography.



## WE PROPOSE SOLUTIONS FOR DIFFERENT BRANCHES

- **AGRICULTURAL SECTOR**

(monitoring location during agricultural activities, collecting data on fields, creating cropping maps, detecting downtime, controlling crops and seeds transportation, controlling fuel consumption per hectare and machine hours, etc.)

- **CONSTRUCTION**

(monitoring object location on the construction site, controlling operation of crane, excavator and concrete mixer actuation units, tracking transportation of construction materials and personnel, etc.)

- **PASSENGER TRANSPORTATION**

(compliance of the equipment with the ERA-GLONASS system, telemedicine, driver access control, registering and monitoring the passenger flow, performing driving style identification, supporting emergency communication with the driver, automated announcement system for passengers, etc.)

- **FREIGHT TRANSPORTATION**

(monitoring location, monitoring fuel dumping and refueling operations, controlling driver's operation time, providing photographic evidence of container and cabin interior, supporting emergency communication with the driver, independent means of tracking cargo containers, etc.)

- **FUEL AND ENERGY INDUSTRY AND TRANSPORTATION OF DANGEROUS GOODS**

(compliance of the equipment with the ERA-GLONASS system, notification of misalignment in object location, controlling driving style, controlling loading and unloading operations, leak sensors, level monitoring for bulk and liquid cargo, etc.)

- **SOLUTIONS FOR THE PUBLIC SECTOR**

(controlling performance of contractors acting under public contract agreements – regarding street cleaning, solid waste transportation and disposal, road repairs and reconstruction; controlling the location of company vehicles, and emergency response services – such as police, fire brigades, ambulance, etc.)

- **LEASE AND RENT**

(connection to the alarm system and to the trip computer of the vehicle, ignition relay blocking, monitoring goods transportation and storage conditions, controlling the driving style, etc.)

- **PERSONAL MONITORING**

(personal trackers for children and for the elderly, personal trackers for employees, two-way voice communication, the SOS button, controlling entry and exit for certain areas, etc.)

- **DELIVERY AND CASH-IN-TRANSIT SERVICES**

(monitoring location, notification of misalignment in object location, controlling the driving style, monitoring door opening/closing, providing photographic evidence of events, the SOS button)

**OUR SOFTWARE CAN ALSO BE USED TO FACILITATE THE WORK OF UTILITY SERVICE PROVIDERS AND COVERS PERSONAL SOLUTIONS FOR PEOPLE MOVEMENT AND LOCATION MONITORING WHERE AMCS (ACCESS MONITORING AND CONTROL) AND RFID SYSTEMS ARE INTRODUCED**

**SPECIAL SKIF.ME**

- **MONITORING.** In this section, you can directly trace the movement of objects on the map (individual or several at a time), send commands, display the necessary information on notifications and sensors operation
- **TRACKS.** Create tracks to visualize the object movements and get quick access to vehicle operations through the event markers on the map
- **NOTIFICATIONS.** Receive notifications by email, texting or in pop-up windows when an event occurs (such as violation of speed mode, alarm button activation, changes in sensor readings, communication failure, downtime, deviation from the specified route, visiting identified geo zones, etc., etc.). These notifications contain brief information about the event and can be used to run certain system processes
- **SKIF.ME REPORT MODULE** is used to provide information on the object activity in the format of graphs and tables. The system allows to create flexible report templates, review reports in the browser, export them to files in various Excel and PDF formats and send by email.

Linear graphs of various colors with the automatic scaling option, also allowing the proximity effect, working with one/several axes and tracing messages/points. They are used together with a map, wherein you can see event markers, geo zones and tracks that facilitate data perception, and you can also attach a map to your report

- **DRIVING STYLE.** Flexible module setup allows to create an individual driving style assessment model based on the criteria of violations and coefficients that can be set separately for each vehicle. The driver receives demerit points for each violation and these points are used to rank the drivers. The fewer demerit points the driver gets, the higher he ranks

Редактирование

**SKIF**

Настройки

Пользователи

Объекты

Оборудование

Сотрудники

Журнал

Маршруты

Назначения

Редактировать

Отредактируйте вашу рабочую панель перетаскивая модули на нее и обратно.

**МОНИТОРИНГ ПЛЮС**

**Мониторинг**

Имя  Найти объект

- ☐ Kawasaki Ninja
- ☐ Smart часы - Катя
- ☐ Tesla model S
- ☐ Бульдозер
- ☐ Дальнийбойщик - DAF
- ☐ Дальнийбойщик - Автопоезд
- ☐ Камаз - Бензовоз
- ☐ Камаз - Самосвал
- ☐ МТЗ-82 с ДРТ
- ☐ Почтовая служба
- ☐ Скорая помощь
- ☐ Собака - Спайк
- ☐ УАЗ "Буханка"

Создать группу

Очистить список

11:40 GMT+3

Инструменты

Google terrain

Вид

К-УАЗ: "Буханка"

Дальнийбойщик - DAF

Камаз - Бензовоз

МТЗ-82 с ДРТ

Почтовая служба

Дальнийбойщик - Автопоезд

Казахстан

Узбекистан

Туркменистан

Таджикистан

Афганистан

Иран

Израиль

Новосибирск

Красноярск

Задать вопрос

**Стиль вождения и качество эксплуатации**

Общий балл: **71**

Резкие торможения: **57 (42.00 раз)**

Очень резкие торможения: **9 (20.00 раз)**

Резкие ускорения: **57 (52.00 раз)**

Очень резкие ускорения: **46 (18.00 раз)**

Резкие повороты налево: **60 (12.00 раз)**

Резкие повороты направо: **59 (13.00 раз)**

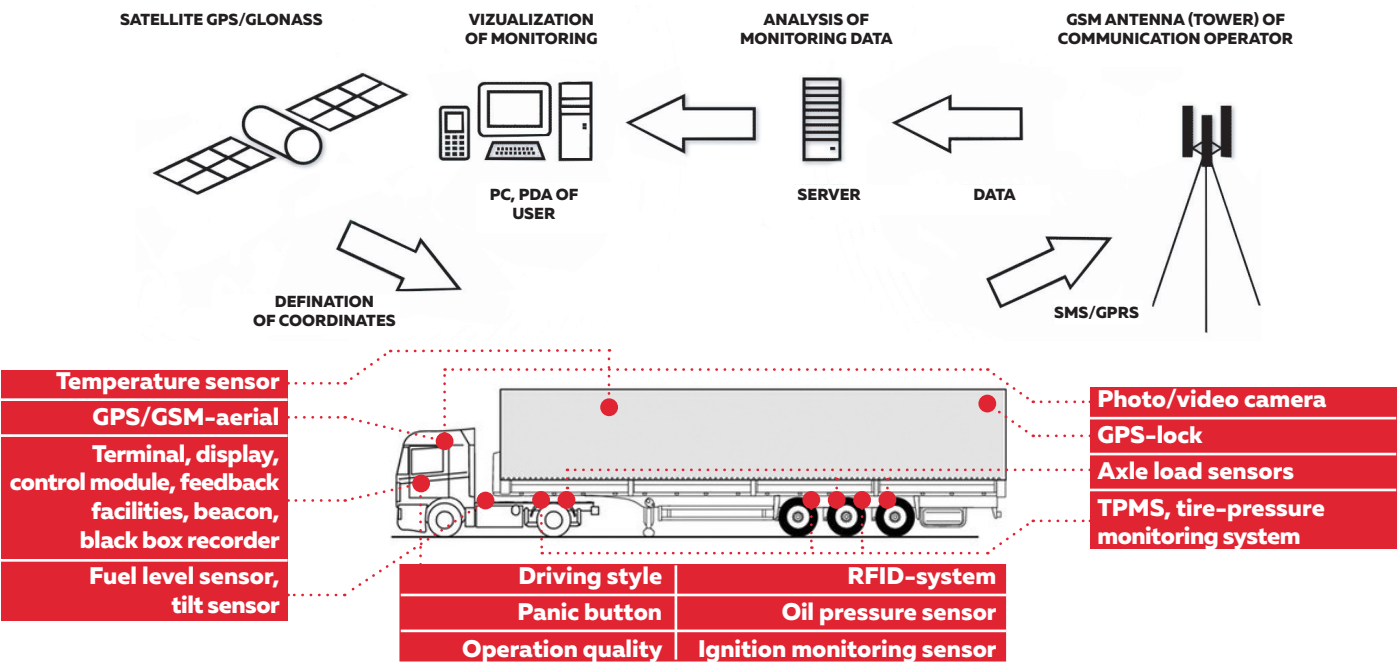
Превышения скорости: **100 (0.00 раз)**

Сильные превышения скорости: **100 (0.00 раз)**

Время начала	Время окончания	Нач. положение	Конеч. положение	Длительность	Начальный уровень топлива	Конечный уровень топлива
2018-06-29 07:34:12	2018-06-29 07:41:01	- Малаяштановая улица 9	Москва Малаяштановая улица 24	00:07:36	48.00	50.00
2018-06-29 09:11:08	2018-06-29 10:07:26	Москва Новомосковская улица 24	Одес:	00:56:18	48.00	45.00
2018-06-29 19:10:24	2018-06-29 20:56:40	- набережная Тараса Шевченко 15	- набережная Тараса Шевченко 15	01:44:16	44.00	40.00
2018-06-29 21:51:35	2018-06-29 21:56:43	- Кулусовский проспект 20 с1	- Кулусовский проспект 12 с3	00:05:08	42.00	41.00
2018-06-29 23:28:49	2018-06-29 23:59:45	- Садовая Суворовская улица 8/12	- Садовая Суворовская улица 8/12	00:29:57	41.00	37.00
2018-06-30 00:00:00	2018-06-30 00:12:46	- Большая Суворовская площадь, 1/2 с1	- улица Баканова 8	00:12:46	39.00	37.00
2018-06-30 13:03:10	2018-06-30 13:23:13	- улица Баканова 8	Москва Монтанная улица 9 с1	00:20:03	37.00	34.00
2018-06-30 14:13:22	2018-06-30 14:37:00	Москва Монтанная улица 9 с1	- улица Баканова 8	00:23:38	32.50	30.00
2018-06-30 19:22:26	2018-06-30 19:40:02	- улица Баканова 8	Москва Ленинградское шоссе 16А с8	00:17:36	33.00	31.00
2018-06-30 22:54:16	2018-06-30 23:12:37	- Старопетровский проезд 7А с14	- улица Баканова 8	00:18:19	30.00	30.00
2018-07-01 08:14:52	2018-07-01 08:23:42	- улица Баканова 8	Москва Новомосковская улица 24	00:08:50	30.00	28.00
2018-07-01 10:14:37	2018-07-01 10:37:32	Москва Новомосковская улица 24	- улица Баканова 8	00:22:55	28.00	29.00
2018-07-01 14:27:59	2018-07-01 14:37:02	- улица Баканова 3	- Орлов-Давыдовский переулок 1 с1	00:09:03	28.00	26.00
2018-07-01 21:09:46	2018-07-01 21:18:12	- Орлов-Давыдовский переулок 2А с2	- улица Баканова 8	00:08:24	26.00	25.00
2018-07-02 07:30:23	2018-07-02 10:07:26	- улица Баканова 8	- улица Баканова 8	02:37:03	26.00	16.50

SKIF.ME FEATURES

- DETECTING THE OBJECT LOCATION (SPEED, HEIGHT AND DRIVING DIRECTION FOR TRANSPORT OR PERSONAL MOBILE DEVICE)
- EFFECTIVE ROUTING (DEFINING OPTIMAL TRAFFIC ROUTES)
- ANALYSIS OF FLEET VEHICLES PRODUCTIVITY (COMPARATIVE ANALYSIS AGAINST PLANNED INDICATORS, STANDARDS, ETC.)
- CONTROLLING THE VEHICLE DRIVING STYLE (DETERMINING CRITICAL INDICATORS DURING DRIVING)
- A FLEXIBLE REPORTING SYSTEM (MORE THAN 20 TEMPLATES OF TABLES AND GRAPHS)
- MONITORING VARIOUS INDICATORS (SENSORS OF TEMPERATURE, PRESSURE, TILT, ROTATION, ETC.)
- UNHINDERED, CONTINUOUS COMMUNICATION WITH THE DRIVER (FEEDBACK DEVICES AVAILABLE)
- FUEL CONTROL (FUEL REGULATION BASED ON STANDARD RATIO, DATA PROVIDED BY SENSORS OF FUEL LEVEL AND CONSUMPTION, MONITORING FUEL DUMPING AND REFUELING)
- READING THE CAN-BUS DATA (READING INDICATORS DIRECTLY FROM THE VEHICLE TRIP COMPUTER)
- WORKING WITH RFID AND AMCS SYSTEMS (USING RADIO FREQUENCY IDENTIFICATION OF USERS PERFORMING CERTAIN ACTIONS, REGISTERING THE UNIQUE CODE, OPERATION TIME AND TYPE OF ACTIVITIES)
- GEO ZONES (AVAILABILITY OF THE TOOL THAT ALLOWS TO MAP ADDITIONAL CONTROL ZONES BY MEANS OF RANGE MARKERS, LINES AND CIRCLES)





# MAIN ADVANTAGES OF SKIF.ME

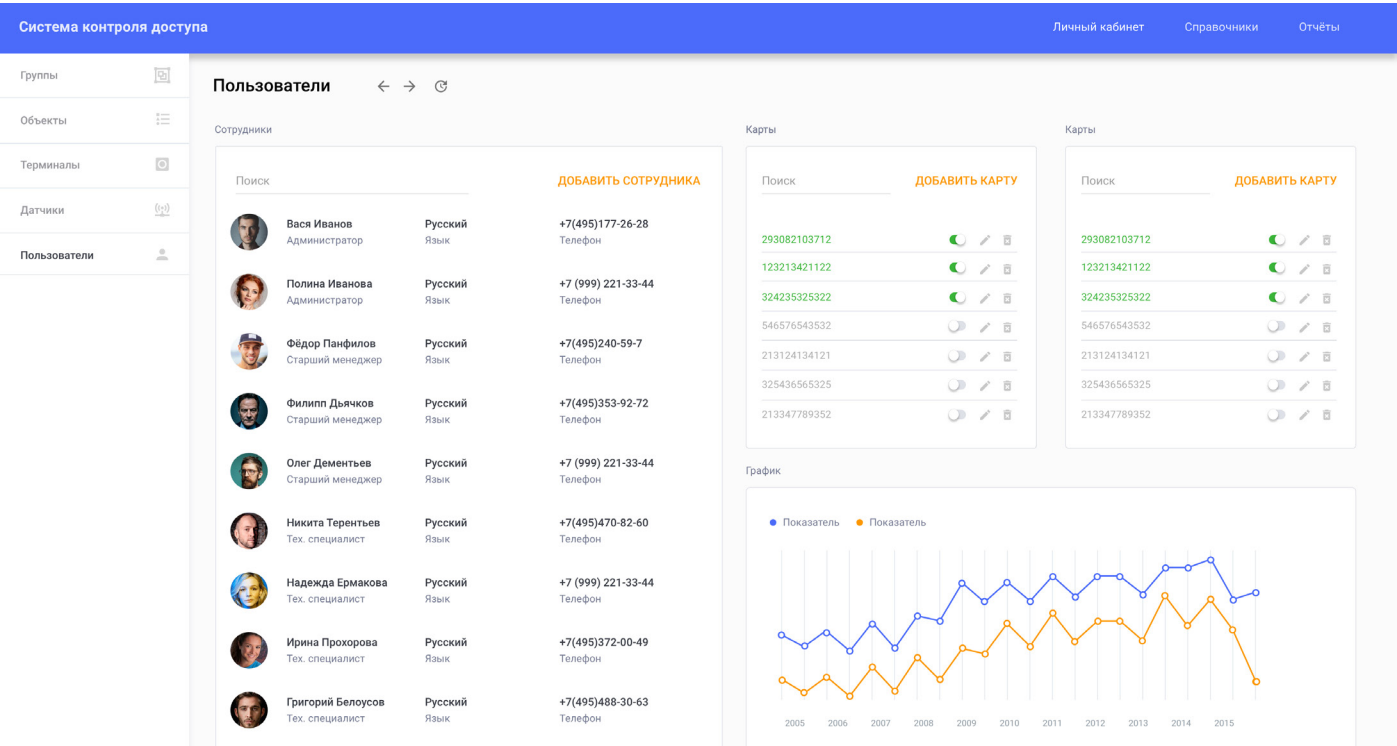
- Convenient presentation of driving style parameters for each object with detailed description of violations, tracks and event markers on the map
- Driving style assessment based on pre-set (like speeding, abrupt acceleration, braking, turns) or custom criteria
- Classification of drivers by total or average number of demerit points for all trips
- Preset violation parameters for passenger/cargo vehicles and buses, essential for quick reporting

## SKIF.ACS - SYSTEM OF ACCESS CONTROL

The Access Control System (ACS) is designed to monitor and control access to closed areas and facilities. It has been developed according to state-of-art technologies and implies simple installation of independent modules, which just need to be connected to the Ethernet network.

The system can be installed parallel to the old one, or integrated with it. In addition to solving access control tasks, the ACS provides reporting regarding working hours tracking.

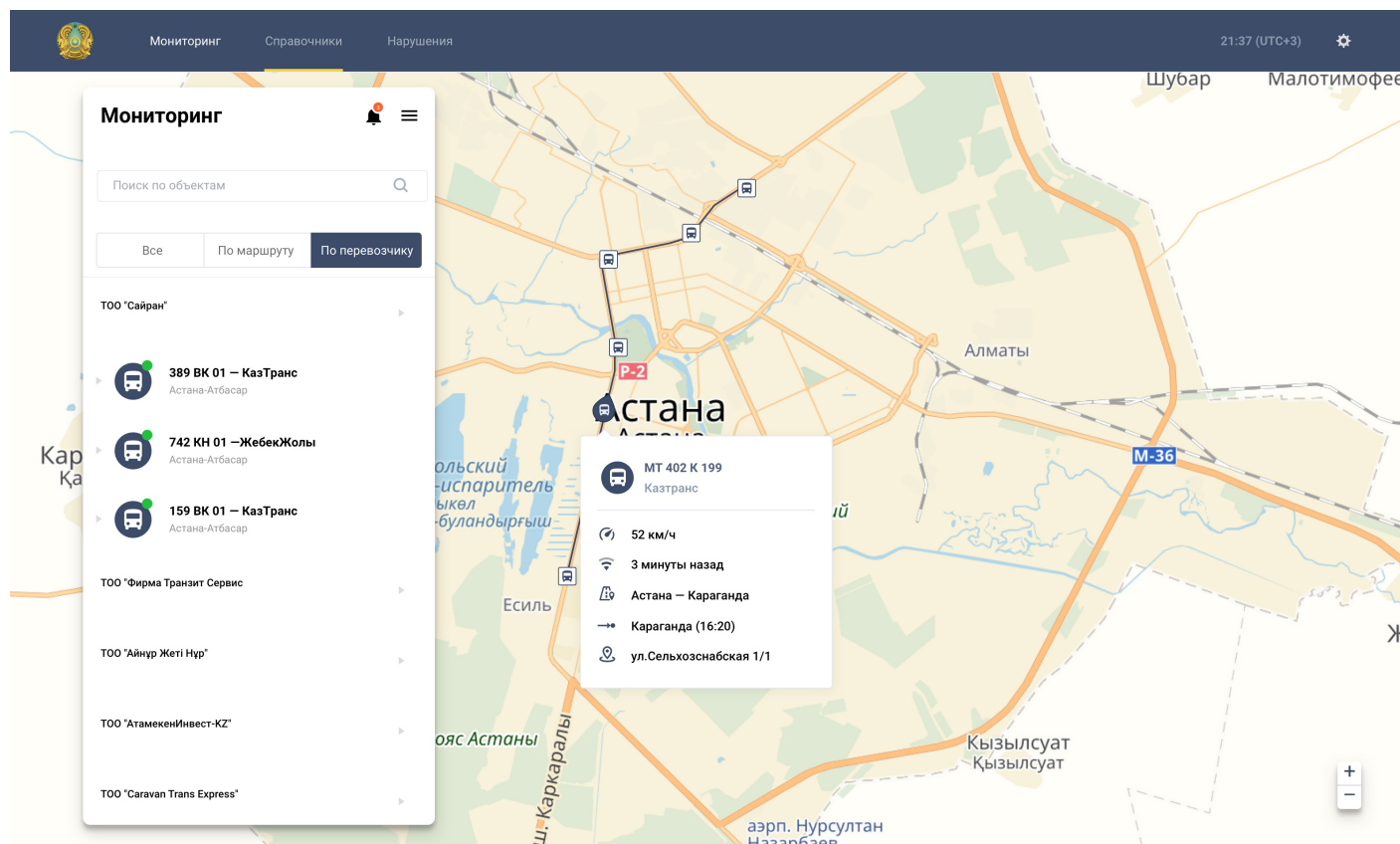
All the detailed information can be reviewed and analyzed. The ACS has a web interface and provides access via a remote server, but can also be deployed locally and authorized users have a chance to access data directly from any computer or phone.



## SKIF.DPT – DISPATCHING PASSENGERS TRANSPORTATION

This software product is intended to solve the tasks of monitoring and controlling transportations on regular city, intercity, inter-regional and international routes.

The main objectives of this software product are to ensure the prompt transmission of data describing regular transportations, creating statistical reports and analytical documentation.



### ALLOWS TO PERFORM

- PROMPT MONITORING OF TIMELY AND FULL-SCORE TRANSPORT OPERATION AND COMPLIANCE WITH THE TRAFFIC SCHEDULE ON THE ROUTES
- TRAFFIC MANAGEMENT WITHIN THE NETWORK OF REGULAR TRANSPORTATION ROUTES
- COORDINATION THE TRAFFIC
- CONTROLLING REGULATORY COMPLIANCE RELATING TO REGULATORY ISSUES OF TRANSPORTATIONS AND ROAD TRAFFIC SAFETY ON THE PART OF TRANSPORTATION CARRIERS

## DIRECT ECONOMIC EFFECT

- **Fuel economy.** The monitoring system allows to detect and suppress fuel dumping and subsequent overrating the run. As a result, with the same work load of the vehicle fleet, fuel and lubricant consumption is significantly reduced (by 15 to 40%). In a number of cases fuel economy makes up for the major portion of cost recovery
- **Reducing the average monthly mileage** of vehicles by 5 to 12% is achieved by optimizing transport management, routes and reducing vehicle downtime with the engine running
- **Improving control efficiency.** The system provides an opportunity for the operators to track the vehicle location in real time, the average speed, parking places, time of transport loading and unloading. As a result, the operator manages the fleet of vehicles more efficiently, by optimizing, for instance, the traffic routes, directing the vehicles nearest to the site to perform the tasks therein

## INDIRECT ECONOMIC EFFECT

- **Productivity gains.** The satellite traffic monitoring system and control of fuel consumption improve the drivers' discipline, help to identify and motivate the most effective employees, and vice versa – to impose disciplinary measures on staff members who allow transport downtime, make under-the-counter trips or practice fuel dumping
- **Cutting down other operational expenses.** Introducing the vehicle monitoring system and the related to it reduction in vehicle mileage and improvement of drivers discipline bring over other positive effects, including the following - increase of transport resources, reduction of expenses for vehicle repairs and maintenance

We suggest you to consider the options of using our solutions, experience and competence for managing and optimizing the work of your company. We offer our technical and analytical services. It is important to understand that the installed System will not bring along the result all by itself, unless it is used at least for checking the data provided by the transport unit against the data provided by the monitoring system.

119415, Moscow, Leninskiy prospect str., bl 116/1

**Technical support (free calls for Russia)**

8 (800) 222-02-75

**from city phones**

8 (499) 431-70-00

**from mobile phones (Megafon)**

8 (925) 550-05-33

**Technical support**

zhminda@monitoring-plus.com

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