



**satwork™**  
Fleet management system

# SatPOST™

**SYSTEM FOR  
MAIL CARRIER TRACKING  
AND FIELD WORK ORGANIZATION**



# SatPOST™

## SATWORK SYSTEM FOR MAIL CARRIER TRACKING

**SatPOST™ module enables tracking of the movement of mail carriers and other employees in postal systems in accordance with pre-created delivery regions.**

**It offers a set of graphical GIS tools for optimizing and controlling the work of mail carriers, with appropriate reports.**

**SatPOST™ module has been developed for the needs of client Pošte Srpske a.d., with all the specificities characterizing the business of this company, as well as all other postal systems.**

**All commercial operating systems, commercial databases, commercial maps and other software used to perform the services are licensed in accordance with applicable domestic and foreign regulations governing the area or are owned and copyright.**

**Persons with access rights (licensed users - fleet managers and field workers) can use the application in its full functionality from any computer that has Internet access.**



## **ACCESS CONTROL AND CREATION OF A GROUP OF VEHICLES/EMPLOYEES TO BE CONTROLLED**

**Access control via a password held by persons with access rights.**

**Through the system, it is possible to define several different subgroups of vehicles/persons according to the internal organizational rules of the user, create special access orders and temporary orders.**

# SatPOST™ REGIONS



Through the SatPOST™ module, a mechanism has been developed for creating, modifying and copying delivery regions with a graphical display and easy manipulation for a large number of regions.

Depending on business needs, it is possible to reorganize the region, as well as change the number of regions.

It is possible, for instance, to create reports on the distance traveled by the mail carrier within the delivery region in order to obtain data based on the distance traveled, which can then be used for various calculations, fees, etc.

## MAIL CARRIER TRACKING

SatPOST™ module enables the tracking of movement of mail carriers and other employees in postal systems in accordance with pre-created delivery regions.

Tracking is performed from the moment a mail carrier leaves the post office, until s/he returns from the delivery regions back to the facility.

Movement data are available to the system user in real time and in statistical surveys that contain the following data: name and surname of the mail carrier, associated work unit, post office, delivery region, as well as total working hours and mileage on foot, etc.

## MAPS

Maps cover the countries of the region and the European Union. They show state signs and borders, road networks and larger cities.

Satellite display of maps comes from licensed satellite sources, provided by licensed providers of such services (such as Google, Bing and the like).

SatIRS™ through its databases enables easy creation of points of interest (POIs) and delivery regions, as well as creation of visit schedulers of such sites and regions.

# ALARMS AND REPORTS

## ALARMS AND DETECTION RULES

It is possible to define alarm situations and operations to be undertaken in the event of an alarm being detected, for example in the case of an exit/entry of a mail carrier into a defined region or an exit from a shared route. Alarm detection rules apply in real time.

Operations in case of alarm detection are performed by the detection itself, and enable:

- display in the web application
- sending e-mail notifications to defined e-mail addresses
- sending an SMS message to defined numbers

The SatPOST module also allows the use of an SOS alarm by placing an SOS button in the vehicle or by pressing the appropriate button on the personal tracking device.

## REPORTS AND STATISTIC

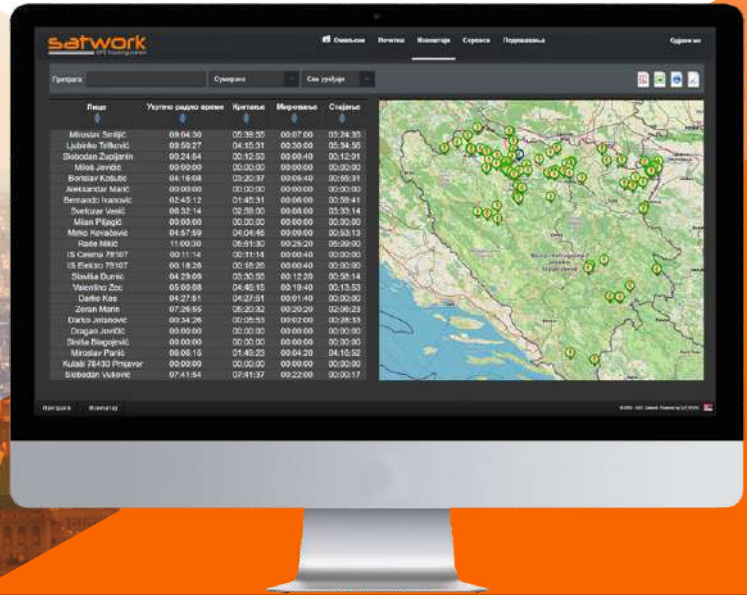
The system enables the generation of reports and the export of reports in one of the standard formats: PDF and MS Excel.

The system allows for an automatic generation of specific periodic (daily, weekly or monthly) reports for specific categories of tracked users, as well as their delivery via defined e-mail accounts.

Reports can be generated in different ways, for only one vehicle/person or group of vehicles/persons.



# USER APPLICATION



The user application is intuitive and easy to use. Data can be searched according to various criteria, and results and reports can be viewed through tables, graphs, diagrams...

According to the assessments of the end users of the system, the visibility of the device (monitored objects) on the map is very good, which is important when tracking a large number of objects, in this case mail carriers.

The SatPOST™ module can be upgraded and adjusted to different needs and requirements of companies dealing with postal traffic, which, except for Pošte Srpske a.d. (Republic of Srpska's Post, Joint Stock Company) was very successfully done for Pošte Crne Gore (Post of Montenegro) Podgorica, as well as for Hrvatske pošte doo (Croatian Post Ltd) Mostar.

**SOME OF OUR CLIENTS WHO PROVIDE  
POSTAL TRAFFIC SERVICES**

 ПОШТЕ СРПСКЕ

 Hrvatska pošta Mostar

 EuroExpress

 Pošta  
Crne Gore



# COSTS OF MODULE INTRODUCTION

**REDUCE INCREASE**  
**COSTS EFFICIENCY**

The costs of introducing the SatIRS™ system and the SatPOST™ module consist of a one-time (fixed) part related to the procurement and implementation of the module itself and a monthly (variable) part related to the costs of monthly subscription and system maintenance.

Variable costs directly depend on the number of orders on the system (monitored objects and persons) and on the complexity of the service according to the specific requirements of the client.

The most important parameter for each client is the time required to return the invested funds (ROI). According to the previous experiences of our clients, the time within which the advantages and benefits of applying the SatPOST™ module outgrow the initial investment ranges from 8 to 10 months.

Clients point out significant improvements in the organization of field work: easier communication with field workers, increased level of safety, precision in work, precise information on the quality of work of individual workers which affects the motivation system, cost control when it comes to certain resources, etc.

# ABOUT US



## SATWORK TEAM CREATOR OF DEVELOPMENT IDEAS FOR NEW AGE

Since 2005, Satwork™ has been developing its own information system (SatIRS™) with the knowledge and advanced ideas of its team of engineers and programmers, following the needs and requirements of its clients. We provide services based on GPS/GNSS technologies and we are proud to be the first in our market to offer this type of service.

We are active participants in international conferences in the field of telematics - always in step with the latest technological advances. Constant growth in the number of satisfied customers who place their trust in us, as well as 15 years of market leadership are a confirmation that we are on the right track.

Our Technical Support Department is available for all questions of our clients as well as to help them solve various requirements and problems 24/7. As a team, we are focused on the quality of service and customer needs and we always strive to provide additional value to our customers by following modern technological solutions.



# KNOWLEDGE, CREATIVITY, RESULTS



**ACHIEVED TURNOVER**

**NUMBER OF MONITORED OBJECTS**

**NUMBER OF CLIENTS**

## PROGRESS STARTERS **CREATORS** FOR CENTURIES

Satwork™ d.o.o. is the winner of the prestigious international recognition and award “Creators for Centuries” for its contribution to the development of entrepreneurship in Central and Southeast Europe in 2019. The International Committee for Awards and Recognitions “Creators for Centuries”, which consists of 15 members - experts from 11 countries, choosing among 562 candidates competing, unanimously decided to give Satwork™ d.o.o. the “Creators for Centuries” award.

The goal of the “Creators for Centuries” awards and recognitions is to publicly acknowledge and draw the attention of the general public to the great visionaries and leaders of tomorrow whose fearlessness, work, knowledge, creativity and excellent results are the foundation and main driver of progress in the community we live in, and a creator of development challenges for the new age.

### REPRESENTATIVE OFFICES

- SATWORK™ D.O.O. BANJA LUKA, BIH
- SATWORK™ D.O.O. BEOGRAD, SERBIA
- SATWORK™ D.O.O. PODGORICA, MONTENEGRO

We possess the following ISO certificates: ISO 9001:2015 for Quality Management and ISO 27001:2015 for Information Security.



# PRODUCTS / SERVICES

## SATELLITE VEHICLE TRACKING - REAL TIME TRACKING

- Vehicle overview on the map. Data available in tables and graphs.
- Insight into direction, speed, speeding, realization of planned route, stopping, duration and location of stopping.
- Reports are easy available and user friendly.
- Data on the current situation on the roads.

## FUEL CONSUMPTION CONTROL

- Access to parameters read from vehicle board computer: RPM, current and average fuel consumption etc..
- Report of fuel dispensing and temporary fuel level in tank.
- Information available in form of SMS, graphs and tables.
- Requires installation of advanced devices that reads data from vehicle board computer or sensors that reads data directly inside fuel tank.

## ECONOMIC DRIVING - ECO DRIVE

- Detection of violations and their intensity with display on the map (sudden braking, acceleration, turning, speeding).
- Violation reports that show the style of driving per vehicle, driver or a specific route.
- Reduction of vehicle maintenance costs (fuel consumption, wear of spare parts, tires, etc.).
- Possibility of installing sound or light signals that warn of inadequate driving.
- Improving the safety of road users.
- Reduction of harmful gas emissions.

## MOBILE APPLICATION- SatDROID™

- Developed for mobile devices. It allows monitoring and control of vehicles, people and goods.
- Available for Android, iOS and Huawei devices.



# PRODUCTS / SERVICES

## TACHOGRAPH - SatTACHO™

- Remote data downloading from digital tachograph and driver card
- Processing and analysing of downloaded data
- Delivery of the reports to the user's e-mail in .ddd or PDF format

## TRAVEL ORDER

- Fast creating of the travel order forms
- Control of the travel order realization
- Detection of deviation from the planned route

## OPTIMIZATION AND ROUTING

- Find optimal path
- Make planes of routes on daily, weekly or monthly bases
- Compare planned and realized routes
- Planning and automatic tracking of the execution for planned visits of POI's

## STATISTICS

- Easy analysis of key parameters, for example: total mileage of all vehicles during one month
- Data of activities for vehicles or group of vehicles
- Possibility to compare different vehicles and periods

## SENSORS

- Fuel level sensor - probe
- Temperature sensors
- Fuel tank cap sensor
- Bluetooth sensors

## DRIVER IDENTIFICATION

- ID button
- RFID
- SatLOC™ - android application for personal tracking

## COMMUNICATION AND NAVIGATION

- Communication via PDA between driver and operator or between drivers at minimal costs
- Enabled selection of appropriate routes
- Assistance in choosing the direction of movement, calculating the distance between two locations, and the time of arrival at the destination.

## SAFETY AND SECURITY

- Reduced risky driving
- Increased safety for employees and vehicles
- Reduced possibility of traffic accidents



**satwork™**

**Bulevar vojvode Stepe Stepanovića 132,  
78000 Banja Luka,  
RS/BiH**

**Tel: +387 51 233 000**

**fax: +387 51 233 009**

**e-mail: [info@satwork.net](mailto:info@satwork.net)**