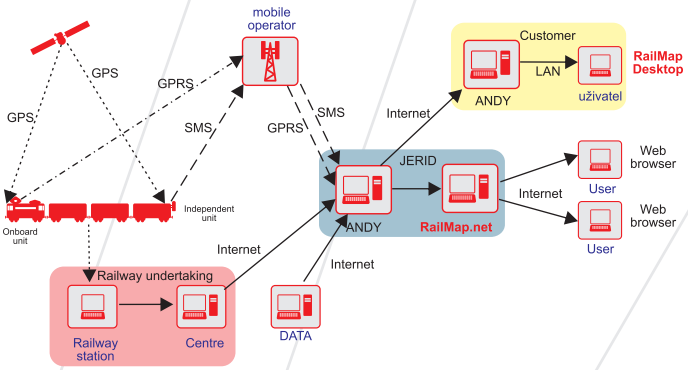
SIMON

System for Intelligent Monitoring

JERID

Complex solution for monitoring of locomotives and trucks

Monitoring of objects on a railway (consignments, wagons, locomotives, trains, special rail vehicles etc.) is possible by using of information from railway systems, or by fitting of a special communication equipment on the vehicles.



The JERID Company offers a complex system for objects' monitoring on the railway net consisting of the following parts:

1. Communication Unit GC 072

Communication unit ready for easy instalation into track or locomotive. The unit provides connection to GPS, input/output management, saving data into internal memory and ON-LINE connection to the service provider's server via GSM network.

Basic technical parameters:

- Ready for all kinds of locomotives and trucks
- Saving of route information into internal memory
- GPS, GSM (GPRS/SMS)
- Working temperatures for GPS: –40 °C; +85 °C
- Working temperatures for GSM: –25 °C; +55 °C
- Easy Installation
- High reliability
- Proportions: 70 × 70 × 31 mm
- 4 inputs, 2 outputs
- Power supply: 9 – 20 V
- Weight: 119 g

2. International advantageous SIM

For communication in the nets of mobile operators is supplied international SIM card with advantageous roaming tariff for sending data all over the Europe.

3. RailMap.net Access Licence

The customer obtains a login, password and certificate for the web application running on the ttps://www.railmap.net which enables tracing of monitored objects. Following functions are available after successful login:

A. List of objects (locomotives, truck, cars)

- Possibility to add new objects
- Object description entry
- Possibility to edit information on the objects

B. Current Position of Monitored Objects

- User's list of objects with the last position (date, time and the relevant nearest railway station)
- Detailed information on each position
- Object selection and its presentment on the map

C. Objects' movements history

- Selection from the list of monitored wagons
- Criteria selection for filtering of objects' movement history
- Listing of required positions (wagon number, date, time, the nearest station and detailed info)

D. Working with Database of Movements

- Possibility to import and display users' data

E. Unit's Remote Control

- Change of communication mode by sending a control message to the unit

www.jerid.eu

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