



REALTRAC – REAL-TIME LOCATING SYSTEM FOR TOUGH INDOOR AND OUTDOOR ENVIRONMENTS

Require strengthening safety of personnel and transport?
Looking for ways to improve productivity?

RealTrac provides you with visibility of objects and personnel increasing security, automating control of working hours and access levels, and optimizing your business processes.

TYPICAL APPLICATIONS:

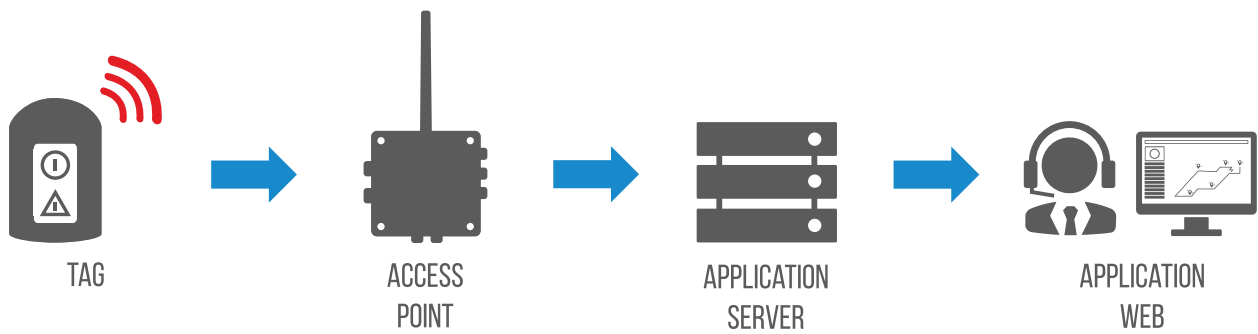
- ports and logistics terminals: real-time location of people, fork lift trucks, mobile cranes, guest vehicles to improve business processes and avoid dangerous interactions,
- mining: real-time location of machines, vehicles, and personnel, access and evacuation control of dangerous zones, collision avoidance (vehicle-vehicle-personnel).

FEATURES:

- patented algorithms for location accuracy up to 1m,
- same tag for indoor and outdoor locating,
- automatic calculation of working hours,
- access level control and access violation alerts,
- emergency notification from/to tags between personnel and control room,
- extensive API to integrate with any other system (CCTV, CRM, etc.),
- same infrastructure for telemetry transfer and tracking,

You know anytime where the personnel is and how much time they spend in various zones. The control room can use interface, notifications, and reports to determine:

- current status and location of each employee,
- violations of access levels in defined zones,
- location of employees in a dangerous situation when alarm button is pressed,
- absenteeism,
- improper use of machinery and idle time,
- theft,
- evacuation control in case of fire, gas, landslides, and other emergencies,
- sensor data by zones (temperature, detection of gases in the air, etc.).



RealTrac can be configured for:

- personnel,
- equipment, machines, vehicles,
- wagons, trolleys, chassis,
- containers, pallets.



RealTrac helps you increase quality and speed of tasks in your business process.

BENEFITS

- improvement of discipline and productivity,
- optimization of machinery operation,
- control of security of your territory and unauthorized entry, minimization of injuries in dangerous areas,
- increase of transport efficiency,
- control and prevention of hazardous situations.

DATASHEET

TECHNOLOGY	Patented RealTrac algorithms, UWB, GPS/GLONASS, Wi-Fi, LoRa, Bluetooth
INTERFACES	RS-485, USB, mini-USB, Ethernet
POWER	12VDC, POE, accumulator, battery
INTEGRATION	API integration with SAP, ERP, CRM, automated control systems, distributed control systems, telephony systems, video surveillance etc.
PROTECTION	Industrial, IP53, IP67

