

ITProject – RFID System Software Integrator and Provider

Tel.: +7 (495) 228-04-80 (multi-line)

Website: www.itproject.ru

E-mail: order@itproject.ru

Staff Access and Movement Control and Monitoring RFID System

ITProject RFID Server Platform-Based
+ Server and Client Modules

ITProject RFID Server

Платформа для построения любых RFID-систем, управления и сбора данных со стационарных и мобильных RFID считывателей.

www.rfidserver.com

© АйТиПроект, 2014. Все права защищены.



- **EPC Global support;**
- **Simple control and automatic connection of RFID readers manufacturer by various companies;**
- **Integration with versatile accounting systems – 1C, SAP, Microsoft Navision and others.**
- **Supporting different databases – MS SQL, ORACLE.**

2015

Staff Access and Movement Control and Monitoring RFID-System

How to improve the staff performance in a cost-effective manner?

Do you think it impossible to record the exact time of the employees' entry/exit, to register all late and early departures and calculate the time spent for numerous smoking and rest breaks? And how to remember all unexcused absences? Employees' tricky sneaking their direct responsibilities considerably reduces your company's performance. Would you like to know how to avoid that?

There is another problem — access control. How to designate a warehouse access by certain employees and to promptly respond to an unauthorized access? The human factor is crucial here — someone has not noticed a stranger on a surveillance camera, someone let a stranger to access a restricted area.

What is to be done? How to track all movements of people and exercise permanent monitoring automatically?

The modern RFID technology will help to cope with this problem: Automate the monitoring of the movement of personnel and accounting of the working time using RFID - system developed by "ITProject" based on the finished universal solution [«ITProject RFID Server» platform](#).

UHF RFID tags are a more convenient and reliable alternative to familiar plastic HF cards. They have a number of undeniable advantages:



- ✓ *reading at a large distance of 1-5 m* enables remote data recording and will provide free access for the staff. You can simultaneously register arrival or departure of up to 200 persons, without adding every single person to the database. Close reading is possible, when the employees' passing through a turngate is registered.
- ✓ *automatic identification* eliminates the risk of errors and inaccuracies occurring when data are entered manually.
- ✓ *a unique ID-number* for each staff member with detailed information about his/her movements.

What are the Benefits of RFID System Use?

- 1** *Automatic tracking of people's movements.* The system cannot be deceived: it will identify the tag, even if a person is 1–5 meters away from the reader — there is even no need to apply a card. So, looking into the database, you will see at once who, when and where has gone.
- 2** *The system can be trusted implicitly.* A staff member cannot leave the office without his/her absence being registered by the system. The staff member can enter the door only if he/she uses a RFID-tag, integrated into a badge. Should the employee leave his/her badge in the office, he/she will not leave the building, or the system will record that the employee has spent the night in the office.

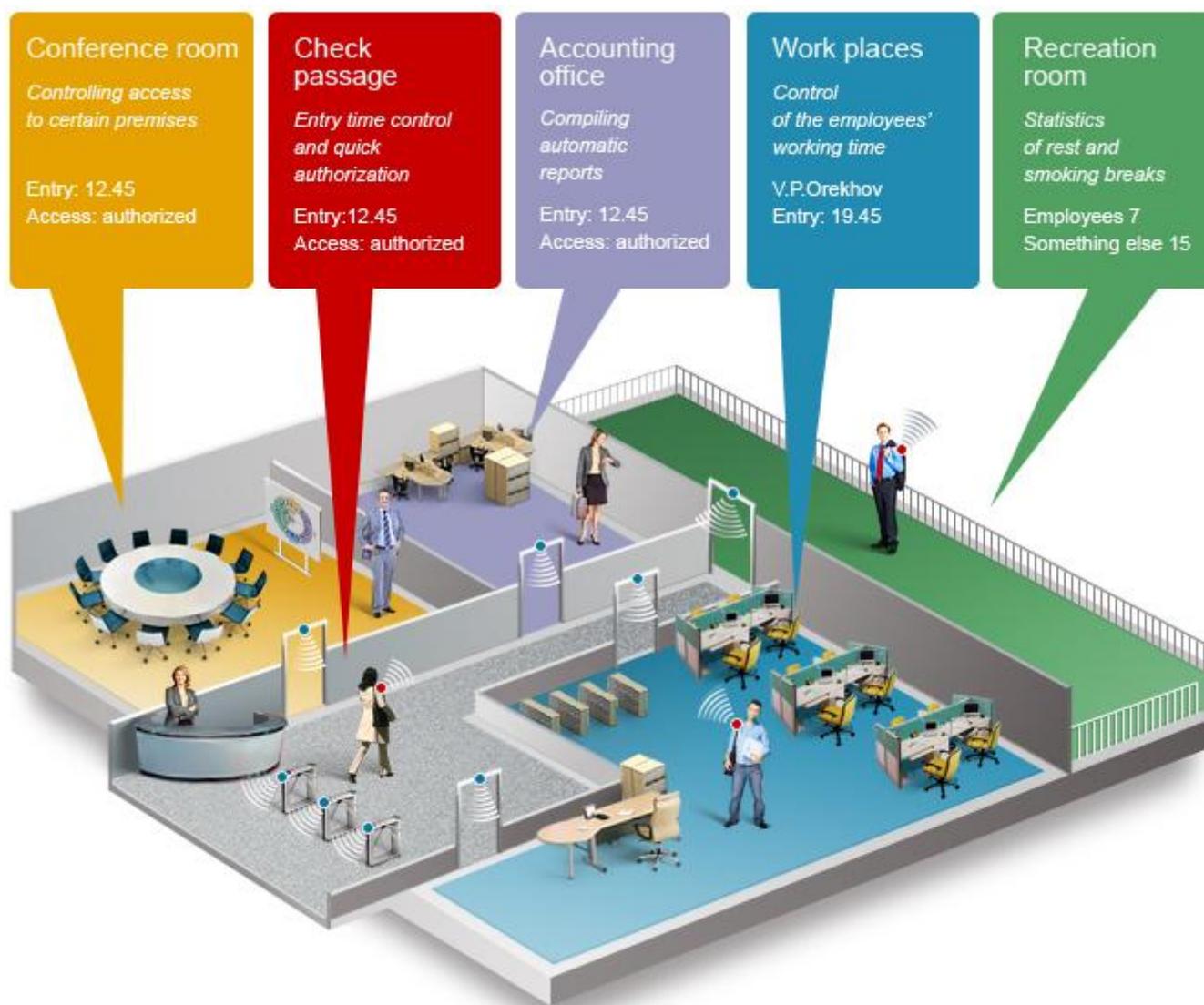
3

Quick identification at a distance of 1-5 meters. The staff member can just pass by the reader, and his/her actions will be automatically recorded in the database.

4

Contact-free reading. Your employees will not have to stand in queues anymore to be recorded at the check passage. The system registers everyone passing by the reader, and does not need manual data input or any other actions. The tags are read both at a short and long distance. They can be easily replaced if needed.

The System Capabilities



Using the RFID – system enables:



Recording the time of a person's entry, exit to and staying in a certain area. You will be able to control the process of the staff members' work and will always know when a person entered a room, how long he/she stayed there, when he/she left the territory.

- ✓ **Expedited authorization procedure:** your employees will not be kept at the check passage and will be able to take up their duties quicker.
- ✓ **Working time monitoring:** you will be able to make schedules for employees and track all instances of being late, as well as an employee's presence at or absence from his/her workplace. This will enable calculation of the entire staff performance.
- ✓ **Regulating access:** you can enter the information about certain people's authorization to access a particular area. If temporary access has to be granted — limit the duration of the employees' staying in the particular area.
- ✓ **Collecting useful statistical data:** it will be easy to determine now, which office departments have the longest lunch breaks, how frequently they leave their work places and how late they are. Illustrative reporting will allow you to optimize many business processes.
- ✓ **Automatic reports:** RFID-system provides for the function of compiling monthly reports on every employee, including: calculation of the number of working hours, days off, absence from work, sick leaves and holidays.

Cost-effectiveness of the implementation of RFID Systems in your business

- 1** **It increases the efficiency of the work of your personnel.** Unauthorized interdictions from the work are reduced to a minimum, more time is given to customers, the possibility of missing of important business calls is also reduced.
- 2** **Automatic monitoring.** You do not need to spend working time on drawing up of the statements. RFID-system provides all necessary documentation.

RFID-System Features



Use of Ultra-High Frequency (UHF)

This is the frequency of tag reading at the optimum distance — 3–7 meters from the object. A larger distance may result in confusion, and a shorter one will make it hard to notice a stranger approaching the restricted area. At that, other devices in this range operate in a regular mode and do not interfere with the system's operation.



Use of ITProject RFID Server Platform + server and client modules

ITProject has developed a practical box solution, enabling the use of any RFID-readers (including those manufactured by different companies) and solving a wide range of tasks associated with staff and visitors traffic monitoring, as well as controlling the access and working time within an enterprise.

Simple Integration with Different Accounting Systems

Integration with different customer's accounting systems (at the DB level or using the API library): 1C, SAP, Microsoft Navision etc.

How to start using the system?

Our phone number: **(495) 228-04-80**

First you need to understand what system configuration will be optimal for your company. To do this, please contact our experts: they will answer all your additional questions and advise what to do next.

P.S.

Do you hesitate to order because you think the system is too complicated to use? Are you afraid that the staff would have a long time to understand and get used to the new work scheme? Throw a doubt! Our workers are always ready to help you at the first stage of the installation and implementation of the system, as well as to carry out the warranty service.

P.P.S.

Want to get an extra year of warranty service? In a conversation with our managers do not forget to mention that you have learned about RFID-system on our website.