

RFID-system for public events

How to automate the flow of people at the event, eliminating the human factor?

Many companies organize seminars, conferences and other private events for partners and employees. As this track who came to the seminar, and who took this day as an extra day off? How to know who faithfully attended all the performances, and who at the time was drinking coffee in the lobby?

At large conferences and branched another problem arises: how to trace those who have access to restricted areas and the ability to use any of the bonuses (for example, free coffee, internet access), and who has not? How to find the necessary human, and especially - high-up?

To try to control the movement of visitors, you can make lists and register participants at each stage of the event, but it is difficult to implement: too many staff are needed, there will be confusion, someone will be forgotten to include - in the end it will be impossible to know who and what part of the event had attended.

It would seem impossible to fix the movement of visitors at the event accurately, thoroughly and avoiding fatal errors. How to simplify the whole process and still get the maximum amount of information from the event?

Answer is:

We need to use a system based on radio frequency identification - RFID, developed by "ITPROJECT" for access control and recording of the movement of people into logical zones in the event.



Radio frequency identification is based on the use of radio waves to capture and read information with a special mark on the badge or bracelet of a visitor. When it passes through a checkpoint, RFID-tag read by the antenna, the signal goes to the RFID-reader, and then - on the database server that stores all the information for all visitors.

What is the use of RFID systems?

1

You can forget about the registration lists and paper muddle:

You always have accurate statistics on the input / output and displacement of people in areas of the event.

2

Mobility: You can use a handheld mobile posts for securing RFID-equipment. The software can be installed on any PC or laptop before the event. To operate the system does not require a long training.

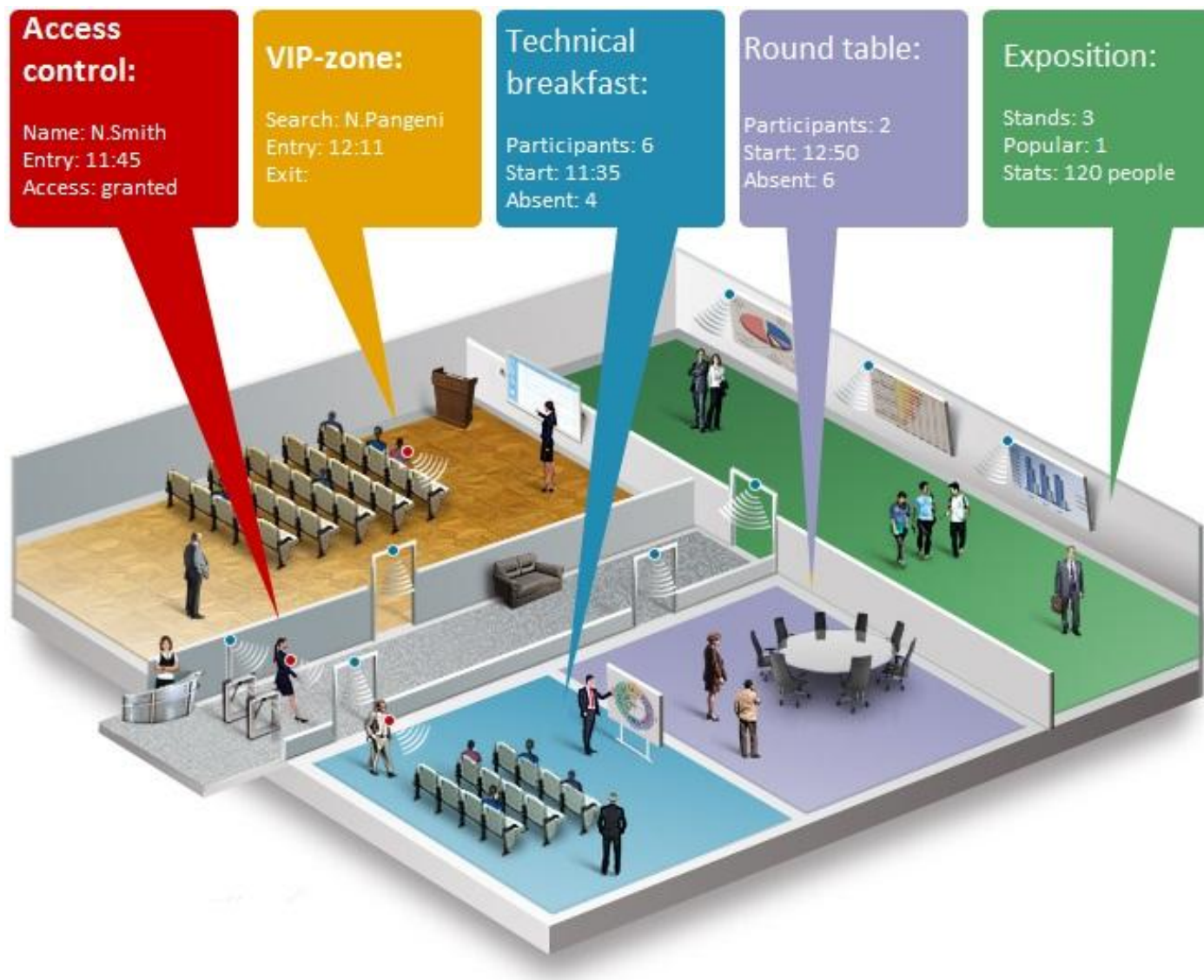
3

You will not be interfered with staff's mistakes: all the information from RFID-tags about the movements of visitors is automatically sent to the program.

4

Additional security: the private and important events will not be able to get outside, and if it does happen (for example, a person has penetrated into a closed area with no label) - the system informs immediately.

System facilities



With the help of RFID-system we can:

- ✓ **record events:** such as entry time, exit time, staying a person in the area. For example, when a visitor entered the room, how long he stayed, when he left.
- ✓ **register users:** facilitate the registration of all visitors of the event, lost labels (badges or bracelets) can be replaced.
- ✓ **track the movement of visitors:** the system records events such as the time of entry, exit, find a man in a particular room.

- ✓ *find or observe the movement of any visitor: so you can easily see who is where and if necessary, to find a specific person with a label.*
- ✓ *collect useful statistics: you determine, what's attracted the most visitors, and where no one had visited (so you can measure the popularity of various stands). This will help to plan the next event.*
- ✓ *configure access control: you can restrict entry to all event or in its separate zones, as well as adjust the identification of participants in accordance with the possibility of a variety of bonuses.*
- ✓ *schedule a visit activities: you can check the presence of visitors in all the activities they have to visit. The system will automatically alert you when an event occurs on the set parameters (for example, when there is no person at the event, more than 15 minutes should work notification).*

How and where to apply the RFID-system?

At exhibitions, conferences, seminars, in small companies, as well as in international forums of many thousands.

The economic effect of using the system

1

With automatic recording you need **much less costs for personnel** involved in fixing the visitors.

2

Collecting useful statistics, you can optimize the cost of certain events at follow-up activities

Completed projects:

**MOTOROLA SOLUTIONS**

Motorola is a world leader in enterprise and mobile technologies. The event "MSI Day Russia" - the largest forum for Motorola customers. Location – Moscow.

**PHILIP MORRIS INTERNATIONAL**

Philip Morris International Inc. (PMI) is the leading international tobacco company, with six of the world's top 15 international brands, including Marlboro, the number one cigarette brand worldwide.

Features of RFID-systems



The use of ultra-high frequency (UHF)

At these frequencies, the system will read tags at a distance of 5-7 meters from the object. Greater distance may lead to confusion if the reader will stand by neighboring classrooms. But it's close enough in advance to see if an unauthorized person is approaching to the area. Any other devices in this range work quite well and do not interfere with the system.



Using the «ITProject RFID Server» platform

Convenient box solution from "ITProject" allows you to use any readers and antennas (allowed even different manufacturers), as well as a fully automated process to monitor the movement of people at an event.

Easy integration with various accounting systems

Integration with accounting systems of the customer (at the database level, or with API libraries).

How to start using system?

Our phones: **+7(495) 228-04-80**

First you need to understand, which system configuration is suitable for your company. To get started contact to our specialists, they will answer all your questions and suggest what to do.

P.S.

Do you think that the introduction of the system will require a set of technical skills of your staff? Believe us, it is not. First, the system is not difficult to use, and secondly, our specialists will conduct the necessary training for the staff.

P.P.S.

Want to get an extra year of warranty? In talking with our managers do not forget to mention that you had learned about RFID-system on our site.