

ESP1838

## **RFID-Based Attendance Management System**

This paper describes an automated attendance management system that can be employed at professional gatherings of different types (conferences, exhibitions, training courses, etc.) and scales (from small-to-medium seminars and workshops to large congresses and technical shows). The system is based on application of RFID, mobile communication and IT technologies. It is capable of collecting, recording and processing data on participants of a technical gathering and their activities, attendance or different sessions, visiting different exhibition booths, etc. The system can also generate real-time combined detail reports on attendance, inflow and outflow of the participants during the event, their most and least preferred interests and activities, etc. This can be done for a multitude of locations and premises, and during an extended period of time