Abstract

This paper presents a study of current applications of Radio Frequency Identification (RFID) for
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on-road vehicles. RFID has shown a remarkable performance in the state of art Industrial applications. In recent times, RFID can be considered to be one of the most promising and vital wireless communication technologies. A large gamut of applications employing RFID in moving vehicles is in the nascent stage in different parts of the world. These are location and position of four-wheelers/two-wheelers, Automation of Toll Challan System, Traffic violations, congestion on roads, theft of vehicles, parking allotment etc. An automated e-payment system for parking lots is one of the vital utility that has been presented here and this further resolves in reducing the processing time for the collection of parking payment/charges.

References

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Index Terms

Computer Science
Information System
Keywords
Rfid Tags  Rfid Reader  Rfid Applications  Automated Parking System  Intelligent Parking Charges Collection System
Rfid Based Vehicle Monitoring
Internet Of Things
Smart Parking System.