Abstract

The goal of this paper is to review the past work of vehicle tracking, monitoring and alerting system, to categorize various methodologies and identify new trends. Vehicle tracking, monitoring and alerting system is a challenging problem. There are various challenges encountered in vehicle tracking, monitoring and alerting due to deficiency in proper real-time vehicle location and problem of alerting system. GPS (Global Positioning System) is most widely used technology for vehicle tracking and keep regular monitoring of vehicle. The objective of tracking system is to manage and control the transport using GPS transceiver to know the current location of vehicle. In number of systems, RFID (Radio Frequency Identification) is chosen as one of the technologies implemented for bus monitoring system. GSM (Global System for Mobile Communication) is most widely used for alerting system. Alerting system is essential for providing the location and information about vehicle to passenger, owner or user.
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Vehicle Tracking, Monitoring and Alerting System: A Review

March 2014.

**Index Terms**

Computer Science  Communication

**Keywords**

Global Positioning System  Radio Frequency Identification  Global System for Mobile Communication