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 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 the most widely used technology for vehicle tracking and regular monitoring of vehicles. The objective of tracking system is to manage and control the transport using GPS transceiver to know the current location of the vehicle. In a number of systems, RFID (Radio Frequency Identification) is chosen as one of the technologies implemented for bus monitoring systems. GSM (Global System for Mobile Communication) is the most widely used for alerting systems. Alerting system is essential for providing the location and information about the vehicle to passengers, owners, or users.
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**Index Terms**

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**Keywords**

Global Positioning System    Radio Frequency Identification    Global System for Mobile Communication