Today for the solution of traffic problem occurred as a result of increasing number of vehicle, studies of Intelligent Transportation System (ITS) involving applications which supported with electronic and computer technologies are going on. Controls from a central point is provided via Traffic Management System (TMS) to maintain the steady traffic flow and a safer travel environment in terms of drivers, pedestrians and passengers. ITS that aims maintain a coordinated processes of data collection, data processing, communication, information dissemination and use of information in a traffic network, comes to the fore by technologies like VANET (Vehicular Ad-Hoc Network), DSRC (Dedicated Short Range Communication) in vehicle and environment communication. Also mobile technology advancing rapidly in traffic communication systems support driver information system about the traffic environment with its developable and integratable features. In this study, driver information systems are investigated using iPhone and Android smartphones and OBD II (Onboard Diagnostic) applications via vehicle network information is included have been examined. In the studies, attention is drawn to accessing vehicle ECU information via diagnostic devices using OBD II standard by communicating with iPhone and Android devices and it is mentioned that the vehicle network CAN Bus informations can be usable for a lot of study providing traffic management and control. Drivers not only can watch the traffic on traffic congestion maps but also warned via the instant data obtained from different sources against possible accidents. Thus it is provided that drivers can follow plenty of variables such vehicle condition, road conditions, environmental knowledge to ensure security and minimize accident numbers.

**Keywords:** ITS, OBD II, DSRC, iPhone, Android