Title:	**Automobile License Detection System and Impact on Environment and Improvement of Human Life Quality**

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Abstract:

We built a wireless system called Automobile License Detection System (ALDS) to alleviate the traffic congestion problem with a potential to directly impact the environment and noise pollutions. It will not fully remedy those pollutions but will help in reducing them, if the system is used effectively. Using the GPRS technology in the cellular network, a barcode of the two dimensional type can be fixed on the side or front windscreen inside the vehicle which holds all its data information. The barcode data is read by a barcode scanner utilized in a smart phone carried by a policeman, which transmits the data back to a computer server, held at the traffic department. The server that searches its database for the particular car retransmits the carried information that includes registration, vehicle type, offences and legal ownership to other policemen, in the area; carrying security accessed smart phones for a possible necessary action. The system has also a potential to send a traffic offence ticket to the vehicle owner's address, as a further convenience adopted in advanced countries.