THE DESIGN AND DEVELOPMENT OF A DYNAMIC VEHICLE MONITORING AND IDENTIFICATION SYSTEM (DVEMIS)

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Abstract

The cases of stolen vehicles are on the increase in Southern Africa. The vehicles that are stolen in one country are being sold in the neighboring countries. Some of the stolen vehicles are also being used to commit crimes in and outside Zimbabwe.

The main aim of this thesis is to design and develop an appropriate vehicle monitoring and identification system. The system will help the police in the identification of vehicles, (stolen and not stolen). By enhancing the monitoring operations of vehicles by police, theft cases will be reduced.

In its operation, the system will be perform the following activities:

- Registration of vehicles
- Clearance of vehicles
- Keep a record of stolen vehicles
- Display vehicle details
- Display vehicle owner details
- Delete non existing vehicles from the files