



## **PRODUCTION (LOAD) MANAGEMENT**



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### Advanced Dumping Detection

The dumping detection system in the vehicle is integrated with the vehicle computer. The existing tipper in the Dump Trucks has a cable which is connected to the vehicle computer. This cable aids us to detect once the Dump Truck has completed a dumping task. The dumping information is then sent to the server that the system is running with GSM feature of the vehicle computer.

### Loading Area Identification (Via Geofencing)

Geofencing tools helps us to determine vehicle dumping sites. Once dumping areas are identified and dump information from the vehicle computer is sent through, we can determine the type of vehicle located on the map as well as the material carried by that specific vehicle. The detection of the dumping areas should be related to the dumped products such as Coal, Top Soil, Hard Material etc.

### Budget Calculation

We can calculate the vehicle's budget with the existing modules in our Fleet Manager package. Load management module is used to calculate income according to the loading figures of the vehicles or by working hours. The budget of any vehicle can be easily calculated as we can determine the costs of the parts used for service and repair in the workshop.

### Vehicle Productivity Reports

The reports of the reliability of the vehicles can be easily prepared and customized by our system. It is possible to obtain various reports such as efficiency/productivity report according to working hours and budget. There is a need for a solid database to have these types of reports.