

## **GIS/GPS Based AVLS & DCRMS System at PCR of Bhopal & Indore**

GIS/GPS Based Automatic Vehical Locating system (AVLS) & Distress Call Management System (DCRMS) is implementaed at Police control Room (PCR) Bhopal & Indore. This system is usefull to respond on the call received at 100 (Phone no of Police control Room).

Main features of GIS/GPS Based AVLS system are:-

- Dial 100 call handling facility to take calls
- Automatically locates the incidents through a Geographical Information System (GIS)
- Create incidents through a computerized call taking system
- Automatically locate the nearest vehicle to attend the incident through an automatic GPS based system
- Track the incident and dispatch vehicles to attend through a computerised dispatch system
- Perform all the police control functions for running the control room through a rich MIS system
- Reduce response time
- Improve crime detection
- Digital, secured voice recording
- GIS based Object Identification
- Efficient Police Vehicle utilization
- Real Time Monitoring and Control
- Flexible Query and report generation
- Vehicle Route History and Statistics

Use of GIS/GPS Based AVLS & DCRMS System

- To optimize and automate the emergency response services of the Police department.
- To enhance public safety by making more timely, accurate and complete Information
- To make available for effective Police Operations
- To Utilize information technology to improve public safety service to the community
- To increase productivity by eliminating redundancy and unnecessary task
- To improve the mobile unit(s) asset management by increasing the control and remote control capabilities.