INTRODUCTION

Laptop tracker is designed using communicational technologies and existing experiences in order to answer to people and organizations' requirement and to decrease probable damages from laptop robbery or getting lost by minimizing counteracting time and monitoring the behavior of users.

Laptop tracker is presented in two main hardware and software sections. The hardware module is compatible with laptop RAM slot. Software communicates to hardware module, monitors and gathers information for further purposes. Tracker with suitable dimensions provides possibility of any laptop tracking. After locating by GPS receiver, tracker sends calculated information and user can monitor location of tracked laptop by a computer as accurate as possible.

FEATURES

- Providing web-based software over internet
- Practical for all laptops
- Online and offline tracking
- Sending information over GSM and GPRS
- Tracking based on connecting to GPS and GLONASS satellite and sending BTS antenna code
- Internal battery
- Not dependent on laptop battery
- Modular design compatible with DDR2 and DDR3 slot
- Easy installation
- Receiving and running commands by SMS
- Storing tracked information in internal memory up to 230000 records
- Sending and storing location and condition of mobile subject based on incidents
- Using Google map to monitor location
- Managing users by tree structure
- Grouping and controlling mobiles accesses
- Capable of defining Geo fence (allowed and not allowed tracks and areas)
- Capable of SIM-card charge controlling and remote charging
- Capable of receiving reports in pdf and excel format
- Supporting Persian, English and Arabic
- No limitation in quantity of trackers
- Capable of running and receiving answers of USSD codes.