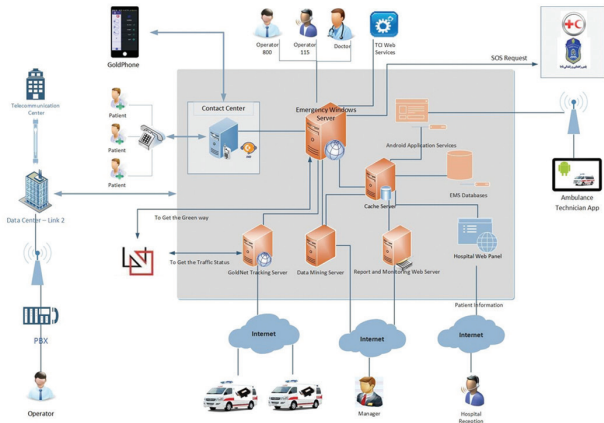




DESCRIPTION

MS-1102 is the control and monitoring system with a combination of devices and applications (server-client), using Satellite technology and GPS over GSM network infrastructure, helps in tracking mobile resources, locating their geographical addresses and making it feasible to optimally manage them.

- Displaying the geographical location on map by online tracking.
- Device automatic movement recognition and stopping data transmission in order to save SIM card credit.
- Ability to show speed, direction, battery charge level, status information of the vehicle i.e. Being turned ...on/off.
- Remote control of the device.
- Sending information via SMS.
- Voice conversation between driver and manager.
- Saving location data on memory (MMC).
- Viewing SIM card credit and the ability to charge ...it online.
- Setting up the device remotely via sending SMS...or using GPRS.
- Specifying restricted areas on vehicle ...movements.
- Sending commands to the vehicle i.e. turning off ...the engine and connection with the car alarm ... (Optional).
- It can be connected to the police communication ...port and required information can be transferred to the police server.
- Showing management reports on fuel consumption, mobility, movements and etc.
- Defining a periodical time interval or a specified distance for sending data.
- Possibility of filtering features, grouping and defining the permitted areas.
- Mobile phone application (Android/ IOS).
- Warning notification to inform the operator of permitted area exceed, speed limits exceed, stop time limit on ...a spot through user software or by sending an SMS or Email to a specific phone number or Email address.



SPECIFICATIONS

Parameter		Specification	Description
GSM	Frequency band	900/1900/1800 MHz	GPRS Class 10 with a maximum rate of 6 kbps
	Gain	1800/900 MHz 5db	GSM Antenna
	Power output	2 watts to 1 watt 900 MHz band and 1800 MHz band	GSM Antenna
GPS / GLONASS	Frequency band	1507/1602 MHz	GPS Antenna
	Gain	4db	GPS Antenna
	channel receiver	56	----
	Receiver sensitivity	148 dbm 156 dbm 162 dbm	Acquisition Reacquisition Tracking
	Position accuracy	less than 2.5 meter	----
	Speed accuracy	less than 0.1 m/s	----
Operation Temp		-20 to +55 ° C	----
Dimension		110 * 90 * 25 mm	Approx.
Electrical Battery		Voltage: 3.7 V Capacity :1100mAh	Double usage capability

M A R I N E