

**VEHICLE TRACKING AND SECURITY SYSTEM
PERGO SOFTWARE TECHNICAL SPECIFICATIONS**

CENTER SOFTWARE		
Server Services		
	Installation of System Center to Customer Premises	Yes
	Communication	Over TCP/IP - TCP Socket
	Supported Databases	SQL Server, Oracle
	Automatic start as Windows service	Yes
	Automatic restart of service shut down by mistake or by user's action	Yes
	Active tracking (TCP/IP based)	Yes
	Passive tracking (Web-based)	Yes
	Support for emergency tracking from more than one location	Yes
	Automatic update of firmware of mobile units	Yes
	Delivery of A-GPS assistance to mobile units	Yes
	Conversion of geographical coordinate data to address information	Yes
	Notification by SMS in restriction violations	Yes
	Notification by e-mail in restriction violations	Yes
	Query of mobile unit address via SMS	Yes
	Zone restriction control	Yes
	Route restriction control	Yes
	System management when emergency button is pressed	Emergency information is delivered instantly to Online tracking modules Defined persons via SMS Defined persons via e-mail.
	GUI based view of service activities	Yes
	Changing service settings without shutting down the service	Yes
	Viewing TCP/IP connections	Yes
	Transfer of incoming position information to another computer over UDP socket	Yes
	Viewing all system activities over TCP/IP connection	Yes
	Support for tracking mobile devices on digital map from Pocket PCs (PDA) with special software	Yes
Web-based Management, Tracking and Reporting		
	Web-based system management	Yes
	Single vehicle tracking on digital map	Yes
	Tracking of all vehicles on digital map	Yes
	Tracking with address information system	Yes
	Fleet and vehicle based distance reports	Yes
	Fleet and vehicle based GPRS transfer reports	Yes
	Fleet and vehicle based vehicle running reports	Yes
	Fleet and vehicle based vehicle idle running reports	Yes
	Fleet and vehicle based reports for stoppage time with ignition switch turned off	Yes
	Reporting of generated alarms	Yes

	Reporting of generated violation information	Yes
	Driver vehicle usage report	Yes
	Province, district and neighborhood based instant geographical distribution of vehicles	Yes
	Address query system	Yes
	Query of archive records	Yes
	Graphic-assisted speed tracking	Yes
	Graphic-assisted fuel level tracking	Yes
Desktop Tracking Software		
	Local digital map support	Yes
	Recording operator based screen settings	Yes
	Single or group messaging with other tracking modules and mobile units	Yes
	User authorization	Yes
	Operator control over mobile unit symbols	Yes – color and icon selection
	Rotation of mobile unit symbols according to directions of mobile units	Yes
	Display of vehicle's current digital map coordinates	Yes - GPS, DD, DMC, UTM
	Alarm generation when mobile unit changes its location	Yes
	Automatic map scaling when mobile unit leaves the digital map borders on screen	Yes
	Audio and Visual Warnings	Yes
	Searching in all layers	Yes
	Tracking the mobile unit leaving trail	Yes
	Tracking of each mobile unit in different special forms of digital maps	Yes
	Direction recommendation between the location of mobile unit and target address	Yes – can be repeated for each terminal and address.
	Recording map sections as shortcuts	Yes
	Defining macros to display recorded shortcuts automatically	Yes
	Selecting and obtaining information about mobile units on digital map	Yes – Single and multiple selections
	Query and change operating settings of mobile units connected to system	Yes
	Change operating settings of mobile units not connected to the system and update when they are connected	Yes
	Changing GPS position transfer interval of mobile unit	Yes
	Query of mobile unit's GPRS connection	Yes
	Query of mobile unit's internal battery life	Yes
	Delivery of instant position transfer command to mobile unit	Yes
	Query of mobile unit's GMS cell information	Yes
	Sending command to make the mobile unit start voice call to a desired number	Yes
	Sending command to mobile unit to take photo and transfer to tracking center	Yes
	Defining authorized E-Park numbers in mobile unit	Yes

	Sending reset command to mobile unit	Yes
	Sending command to mobile unit to stop the vehicle and allow start of vehicle	Yes
	Digital map assisted notification and event management	Yes.