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AlwaysFind

**Fleet Management AVL System and
Personal Security GPS Tracker
(Tracking.Gilsson.com)**

Gilsson *AlwaysFind* Web Base Fleet Management AVL & Personal GPS Trackers

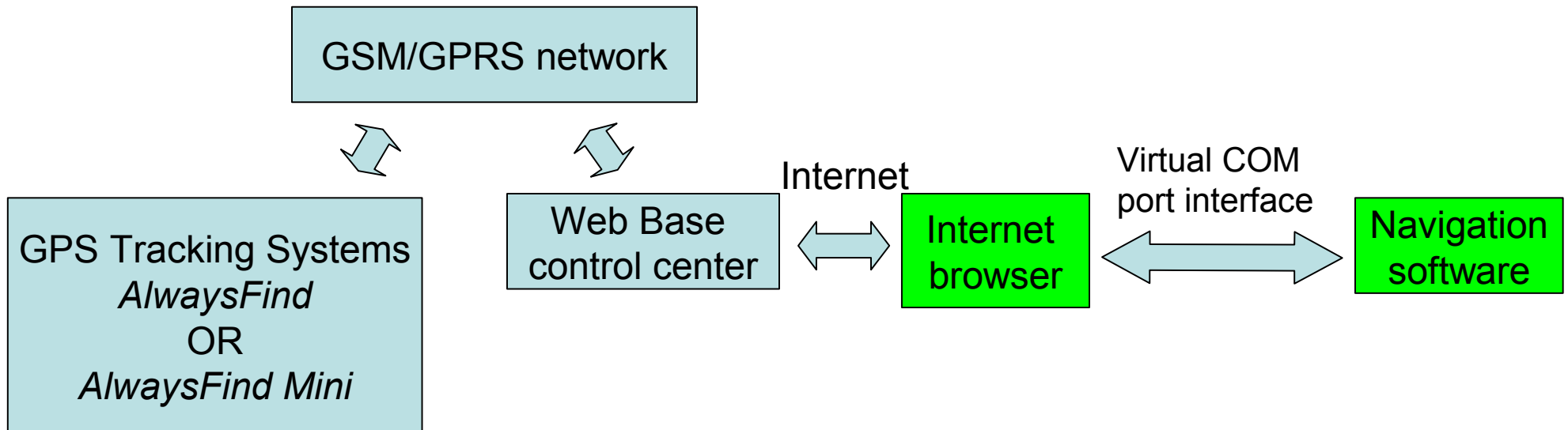


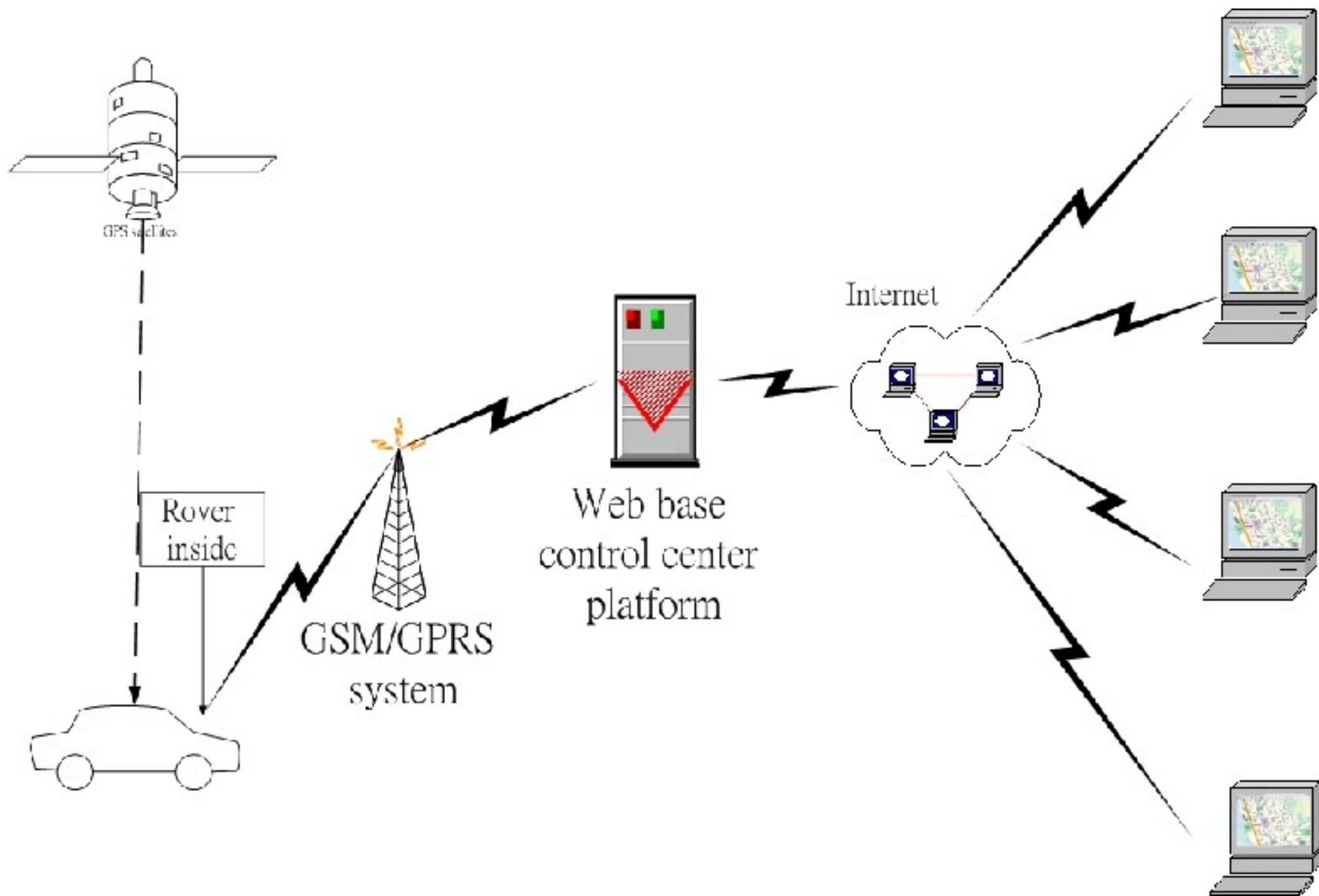
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System block diagram







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- System including:
- Hardware:
 - Gilsson *AlwaysFind* AVL Tracker
 - Remote GSM & GPS Antenna
 - Power and Vehicle Wiring Harness
 - PC Serial Programming Cable





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- **AlwaysFind Vehicle Specification:**

- Unit size: 95(L) * 77(W) * 30(H)mm
Weight: 220 gram
- Aluminum case
Case Environmental Characteristics:
Operational Temperature: - 25 ~ + 70 °C (board temperature)
4 digital outputs (200mA max)
5 digital inputs
1 analog input
1 RJ11 port for serial RS232 (low speed 9600 Baud) and Direct GPS output RS232 (4800 or 9600 Baud - depending on GPS module)
1 RJ11 port for voice I/O
1 RJ45 MULTI port for high speed Direct modem access (TTL-CMOS).
Electrical Characteristics:
Input Voltage: + 9~30 Volt DC regulated / 2A-MAX (GSM Transmit)
Optional +9 ~60Volt DC regulated / 2A-MAX (GSM Transmit)
Power Consumption:
12 Volt - 100~320 mA (GPS On Line, GSM/GPRS On Line)
12 Volt - 60 mA (GPS on line, GSM standby)
12 Volt - <20 mA (GPS in Power Down Mode, GSM Standby)
Backup Power: Nickel Metal Hydride Battery - 700 mA
Memory Backup: Flash Memory - Data retention - 200 Years.
64 Kbyte (64000 * 8 Bits data)



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- ***AlwaysFind Vehicle Firmware features***
- SMS mode/GPRS mode/SMS+GPRS mode
- Upload/download settings, locations, and OS via GPRS
- Open platform for two way communication between control center and MDT
- Special protocol for GPRS with handshaking. Minimize communication cost and data package lost.
- MCU dead lock protection
- **Reliability**
- *AlwaysFind* has been in market for more than 3 years.
- Been ranked as highest level of car alarm system in New Zealand, Australia and US.
- Have been used in many of European, American and Asian countries.
- Manufactured at ISO 2000, QS 9000 certified facilities.
- Temperature test
- Vibration test.
- Voltage protection
- Dead lock protection



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- **System requirement (does not include in the package)**
 - PC with Windows 2000/XP
 - SIM card from a GSM wireless provider, such as Cingular GSM and AT&T Wireless GSM
 - Navigation software / digital map, such as Microsoft Streets & Trips
 - Internet access

Note:

- The system will only work within GSM/GPRS cell coverage
- Customer is responsible for SIM, SMS and GPRS data fees and any control center monitoring or access fees.



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- ***AlwaysFind Mini* Compact GPS Covert Tracking Device Designed for Vehicle Security / Micro GPS Tracking Application.**
- ***AlwaysFind Mini*** integrates a high-performance micro GPS receiver with a GSM cellular transmitter,
- ***AlwaysFind Mini*** provides an emergency solution featuring innovative locating technology. It also provides you with peace of mind all the time when your vehicles are away from you.
- **Features**
 - Combination of GPS and GSM wireless network.
 - Pocket-sized / light-weighted / Rechargeable battery included.
 - No external antennae needed -- Just plug-&-play.
 - **Regular Report:** ***AlwaysFind Mini*** constantly sends SMS messages to its built-in three sets of phone numbers as regular report at the interval of 2 to 120 minutes with NMEA 0183 GPRMC, showing a user's ID and position data in the form of UTC, Latitude, Longitude, SOG, and COG.
 - **Polling:** Since ***AlwaysFind Mini*** is equipped with one piece of SIM card containing independent phone number, watchers can thus monitor a rover who equipped with ***AlwaysFind Mini*** by direct phone dialing. ***AlwaysFind Mini*** can distinguish a caller's identity, and the rover can decide whether to send his/her SMS messages containing the ID and position information back to the authentic caller.
 - **SMS Polling:** you can poll also by sending SMS command to ***AlwaysFind Mini***. The test machine is almost turned on any time.
 - **Emergency Alert:** When under emergent circumstances, you can issue an Emergency Alert for assistance by pressing ***AlwaysFind Mini's*** Panic Button. Your location will then be sent immediately to the built- in phone numbers within a minute. The built-in 95-decibel alarm will be also buzzing loudly to call for help.





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- **I am a car owner, what service can I get?**
 - You can use any computer with internet access to determine the location of the vehicle (longitude, latitude, time, direction and speed)
 - If you have installed a Navigation software on the PC, your vehicle will be displayed on the map.
 - You can receive SMS alarm to notify you whenever your vehicle's car alarm is activated.
 - You can login onto Gilsson web base control center to request your vehicle's current location and status.



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- Vehicle's location history is stored for one month
- You can control your vehicle remotely via immobilizer, geo fencing, central lock, flashing light, etc....
- And many other functions.....



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- **We are a distributor, what should we do**
 - Sign up with Gilsson Technologies for distribution the web base control center solution
 - Talk to local GSM wireless provider to secure the best price for SIM cards
 - AlwaysFind hardware installation
 - Provide local customer support



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What will Gilsson Technologies do for you

- Provide a turnkey solution for vehicle and personal GPS tracking, including optional web base control center sw
- Provide marketing materials and product specifications.
- Pre-test tracking devices before shipping
- Assist with installation of web base control center sw for enterprise accounts



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What will Gilsson Technologies do for you

- Work with distributors in addressing customer needs
- Provide the best yet affordable GPS solutions
- Commit significant investment in R&D and marketing, in providing the cutting edge GPS solutions and name brand recognition.
- Technical Support team to assist potential and existing customers.



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- Why sell Gilsson's *AlwaysFind* GPS Trackers ?
 - Respectable margin on GPS products
 - Recurring income stream: Distributors and dealers will receive commission on control center subscription for long term customer support
 - Commission from GSM wireless providers on selling SIM card and securing wireless contracts