

AutoVantage GPS Personal Auto Management Solution

Ayantra - a leading developer of remote asset management products - has created a solution to enable automobile owners to remotely track and control their vehicles.

The Challenge:

Second only to their home, a person's automobile is usually their most valuable possession. But ownership carries responsibilities. For years, vehicle owners have struggled to:

- ❖ protect their vehicles against theft
- ❖ ensure that other drivers - notably teens - drive responsibly
- ❖ safeguard their vehicles against abuse from other drivers (including parking attendants)

Managing a vehicle - any type of vehicle, no matter where it may be located - is now a simple proposition, thanks to Ayantra.



The Solution:

AutoVantage GPS is a wireless solution that enables people to easily manage their vehicles. The complete solution consists of:

- ❖ An Ayantra monitoring unit installed in the vehicle.
- ❖ An Ayantra-provided website to allows users to
 - ❖ Collect vehicle info: Location Reports, Tracking Reports, Speed Reports, Mileage Reports, and more
 - ❖ Send commands to the Ayantra monitoring unit: "Report Location," "Unlock Door," "Honk Horn/Flash Lights", etc.

Web-Based Services and Alert Notifications:

- ❖ All reports and alerts are accessible through an easy-to-use web interface.
- ❖ Alert Notifications can be triggered if anything goes wrong, such as a "Speed Violation," "Curfew Violation," "Suspected Theft," and more. Alert Notifications are targeted to specific recipients according to the type of violation. Alerts can be sent in the form text messages to cell phones, and/or as e-mail messages.
- ❖ Authorized users can use a cell phone to send commands to the remote monitoring unit at any time, and receive responses from it.








Hardware Specifications:

- ❖ Physical: 5" x 3.5" x 1.3"
- ❖ Power: 8 - 32 volts DC
- ❖ Power Draw:
 - Active: 75 mA (typ) @ 12V
 - PowerSave: 25 mA (typ) @ 12V
- ❖ Built-in back-up battery
- ❖ Built-in Cell/GPS antennae
- ❖ Environment:
 - Monitoring unit - Operating: -20°C → +60°C
 - Monitoring unit - Storage: -45°C → +85°C
- ❖ Humidity: 0 - 95 RH @ 40C
- ❖ I/O Ports:
 - Input Ports: 5 Digital Inputs
 - Output Ports: 2 Digital Outputs
- ❖ Data port: RS-232








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Features & Benefits for Vehicle Owners:

-  **Location & Tracking Updates:** Locate or track your vehicle at any time by using any browser or your cell phone
-  **Tracking Reports:** Location reports are automatically sent every 10 minutes while the engine is running
-  **Remote Control:** Using any browser or your cell phone, you can command your vehicle to:
 - ❖ **Lock / Unlock Doors**
 - ❖ **Honk Horn & Flash Lights**
 - ❖ **Disable / Enable the starter motor**
-  **Points of Interest:** You can define any location as a "Point-of-Interest" (POI), and be notified each time the vehicle approaches and/or departs from any POI. Any location can be a POI: any school, office, gym, or friend's house.
-  **Managing Teen Drivers:** Advise teen drivers that you will Receive Alert Notifications for any prohibited driving, such as:
 - ❖ **Excessive Speed**
 - ❖ **Curfew Violation**
 - ❖ **GeoFence Violation**
 - ❖ **Arrivals / Departures from any Point-of-Interest**
-  **Alert Notifications provided for:**
 - ❖ **"Maintenance Due"**
 - ❖ **"Suspected Theft / Towing Alert"**
 - ❖ **"Low Battery" and "Battery Disconnected"**
 - ❖ **Any time the vehicle arrives at or departs from any Point-of-Interest**
-  **"Peace of Mind":** Rest easy. Your AutoVantage GPS system is keeping watch over vehicle so that you can relax.

Features & Benefits for Auto Dealers:

-  **"Dead Battery" Notifications:** AutoVantage GPS will automatically detect and alert you if a vehicle has a weak battery
-  **Showcase each vehicle with the "Car Find" feature:** prospective buyers can be easily directed to any car on the lot via the **"Flash Lights / Honk Horn"** functions of the **"Car Find"** feature
-  **On-Lot Security Mode:** You can configure AutoVantage GPS to automatically lock each vehicle at night, and unlock it in the morning (you set the times).
-  **Improved Service Revenues:** AutoVantage GPS will alert you as each vehicle approaches its service interval, to enable you to better target your "Service Due" follow-ups.
-  **Customers will visit your website:** AutoVantage GPS users will visit your website in order to access the AutoVantage GPS system. **Your customers will see the information you want them to see** when they visit your website to access the AutoVantage GPS system.

Features & Benefits for Expeditors:

-  **Integrated Cell/GPS antenna:** The built-in antenna makes installations fast and easy: the Basic Installation requires three connections and takes less than thirty minutes! (Note: Advanced Installations require more time)
-  **Simple online registration process:** Each new unit can be registered online, at any time. The registration process is easy and usually requires less than ten minutes.
-  **AutoVantage GPS is a full-feature, mature program that has been well tested by auto industry experts.**

AYANTRA STANDS BY AUTOVANTAGE GPS, AND SUPPORTS ITS PARTNERS 100%