



AddSecure Asset Pro

Trailer positioning and temperature monitoring.

AddSecure Asset Pro is an ideal solution to ensure a permanent tracking of the goods in your trucks and trailers. Benefit from a complete trailer- and temperature management solution using temperature probes, or the cold group of refrigerated trailers, for extended services. It is easily installed in on your truck or trailer and transmits its position and other key data to Co-Driver Weboffice where you access and analyze the data collected on the field. Asset Pro has a rechargeable battery so that positions can be transmitted also when the trailer is decoupled.



Monitor the temperature of your goods in real time.

Through the temperature monitoring service, you can make sure you keep the cold chain unbroken. Temperature monitoring requires 2 (sometimes more) temperature sensors per cargo space:

- Inlet air, what temperature is added to the goods?
- Return air, how much does the goods get the temperature to rise / fall?

The driver can access the temperature data in their screens through the additional service "Driver Temperature Monitoring".



Check the position of your asset and the history of all position.



The installation is easy thanks to the reduced size of the Asset Pro unit and its peripherals as well as its connection to wireless sensors. When Asset Pro is not powered it does not transmit radio signals and is for this reason not possible to detect. When it starts moving it wakes up and sends positions. This means that it can be used for localizing stolen trailers in an efficient way.

Configuration

AddSecure Asset Pro is delivered by default with a standard configuration that optimizes the use of the battery while optimizing the precision of the itinerary. For this reason, the behavior is different when moving or standing still and when connected to power supply or not.

When the ignition is on (power)

When battery is powered on (connected to the power supply of the truck or the cold group for instance), Asset Pro sends a position every 2 minutes and at each significant turn when moving. If not moving, it sends a position every 10 minutes. When the vehicle has been standing still for 90 seconds it is recorded as a stop. When it has been driving with at least 10 km/h for at least 10 seconds it is recorded as a start.

When the ignition is not on (no power)

When the battery is not powered on, AddSecure Asset Pro sends a position every 6 hours. With this setting, the battery has an autonomy of 4 weeks.

Automatic Trailer Coupling:

The automatic trailer coupling is made to analyse the data of your different equipment from the trucks and the trailers (Roadbox and Asset Pro) so that the positions are constantly compared in order to check the probabilities of being coupled. To match the positions of your equipment, AddSecure uses algorithms normally used in artificial intelligence. If a matching position is found, the equipment will be displayed in Weboffice Co-driver as "connected". You will also get access to a tracking view report of the coupling in the map and a detailed report with the driver, vehicle and coupling informations.

The automatic trailer coupling offers an easier access to the information, a better temperature monitoring follow-up and also minimises manual errors.

Benefits

- Track your equipment independent of a truck or driver
- Reports with historical positions and temperatures
- Compact unit that is fast and easy to install
- Positions and temperature data presented at the same map as the trucks (Co-Driver Weboffice)
- Connection to the most common dataloggers of refrigeration units at the market
- Collect mileage data based on GPS positions
- Can be used for localization of stolen trailers

Technical specifications	
Dimensions (mm):	57 x 88 x 14
Weight:	70 g
IP:	65 (with waterproof case)
GPS Antenna:	32 channels, 159 dBm
GSM bandwidth:	850/900/1800/1900 MHz
Input:	1 digital
Battery:	Li-ion rechargeable 1100 mAh Electrical power 10 – 60 V DC
SIM card:	European coverage
Peripherals:	Temperature probe Wireless temperature sensor (with battery, 3 years life)