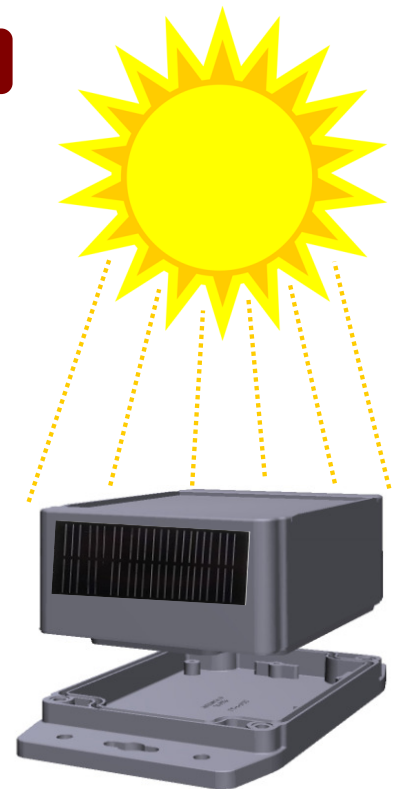


GPS Tracker for Life

DWSolarTracker is an autonomous GPS tracker with an integrated small solar panel and a backup lithium battery, extending device **lifetime more than 15 years**. Equipped with GPS and GSM/GPRS modules is able to provide a worldwide location based on GSM cellular network when GPS satellites are blocked.

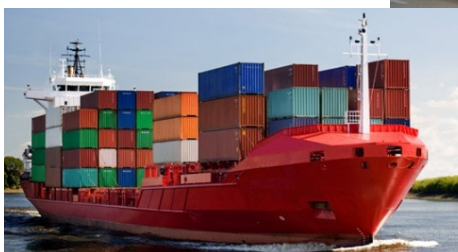
Key Features

- **Secure your assets / cargo**
- GPS tracker
- **GSM location (worldwide GSM cells database)**
- GPRS and/or SMS communication
- **Recharge cycles > 50.000**
- **Solar panel lifetime > 15 years**
- **Movement detection** (reports starts and stops)
- Periodical communications remotely programmable
- Autonomy unit for outdoor environments (internal battery)
- **Website with integrated Map to track your assets**
 - **Central system able to run offline**
- **IP67 enclosure**
- Adaptable to the client needs
- **Low cost**

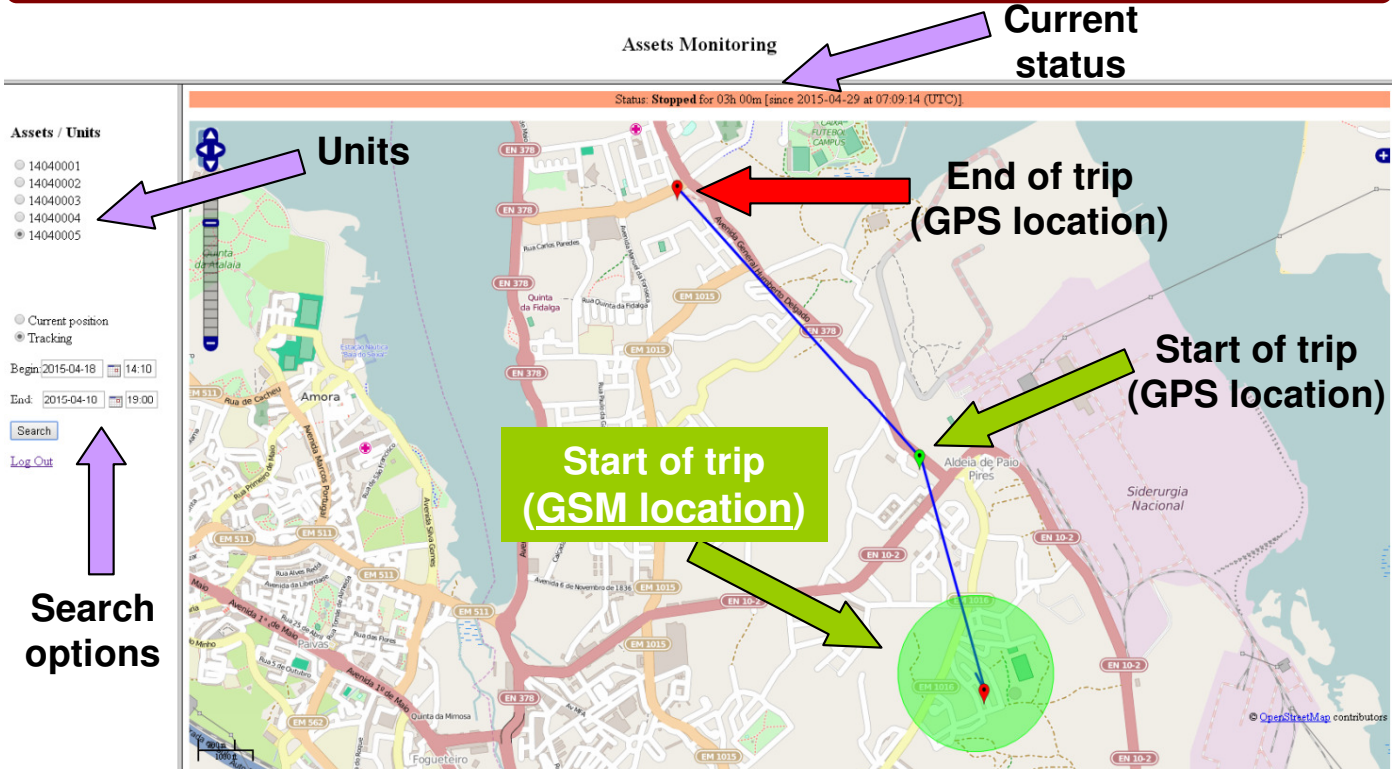


Applications

- **Asset tracking (fixed or mobile units)**
 - **Containers**
 - **Semi-trailers**
 - **Wagons**
 - **Industrials machinery**
 - Valuable assets
 - ATM machines



Assets Monitoring (integrated Map)



Features

- **GPS and GSM location**
- Motion sensor
- Periodical communications (configurable)
 - 3 hours (while in movement)
 - 24 hours (while stopped)
- Battery status indication
- Internal temperature sensor
- **Stolen unit detection / alarm**
- Closed enclosure without external dependency
- **Integrable with existing central systems** (adaptable formats)
- Fast installation
- Options
 - **Door sensor** (opened / closed)
 - **Electronic tolls detection** (DSRC technology)
 - External temperature sensor

Specifications

- **GPS:**
 - -165 dBm sensitivity
 - Antenna integrated
- **GSM/GPRS Worldwide**
 - Quad-band: 850/900/1800/1900MHz
- **Long lifetime autonomy**
 - > 15 years
 - Without sun

Communications/day	1	3	5	10	24
Autonomy [years]	12	6	4,5	2,5	1

- Operating temperature: **-30°C up to +85°C**
- **Small solar panel integrated**
- Size
 - (LxWxH) [mm]: 120 x 91 x 62
 - Or other adapted to the clients needs
- **Enclosure: IP67**
- Local external communication (if required)

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