



A state-of-the-art fleet tracking,
monitoring and management solution.

www.arcoda.it



Arcoda Sat, the GPS fleet location platform that rises above the commonly used tracking solutions!

Arcoda Sat, besides **geolocating vehicle fleets**, also provides other **advanced functions** that make it a unique and innovative product. It is, in fact, an **all-round platform** for **GPS fleet tracking**, which also remotely **monitors** activities by means of **onboard tools and devices**. Arcoda Sat offers specific functions for **checking** both **in-house and outsourced activities**.



Enhanced quality vehicle route tracking. Points along the route are sampled at between 2 and 60 second intervals **based on the route geometry**.



Monitors the work activities of the personnel and of the machines installed on the vehicles. Provides **telemetry readings** of the on board measuring **sensors** and **instruments**.



Integrates with the company procedures, in synergy with the local information and **work force management systems**.

I can finally see where each vehicle is and what it's doing, at all times!

- **HAULAGE**
- **REFRIGERATED TRANSPORT**
- **PUBLIC TRANSPORT AND HIRED VEHICLES**
- **URBAN SANITATION**
- **WASTE COLLECTION**
- **BUILDING CONTRACTORS**
- **ON-THE-GROUND MAINTENANCE**
- **LAND RECLAMATION CONSORTIUMS**
- **EARTHWORKS**
- **SNOW REMOVAL**
- **SALES FORCE**



Benefits for Arcoda Sat users

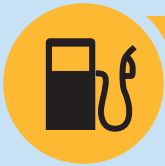
Arcoda Sat is the **ideal solution** for effortlessly **monitoring** vehicle fleets. The platform is a **window** on driver activity **on the ground** providing a **continuously updated picture** on vehicle location, based on the use of Google Maps, OpenStreetMap and other map applications.



REAL-TIME TRACKING AND TRACKING HISTORY

Thanks to a set of sophisticated algorithms, the system can interpret satellite data to clearly display the **journey** routes, vehicle device **activity**, **stops** and **prolonged stops** with engine on or off.

It **analyses** the data and features various **dashboards** for **controlling** the fleet use indicators, storing the data for up to a year.



FUEL CONSUMPTION

The Arcoda Sat units installed on the vehicles are directly connected to the vehicle's CAN BUS to monitor **fuel consumption** and **fuel tank levels** for effectively controlling costs.



DRIVER RECOGNITION

For safety purposes, the vehicle units provide a **driver recognition** feature and **badge-based monitoring** (NFC, RFID 125 MHz, iButton), for the centralised management of driver **authorisations**.



GIS INTEGRATION

Arcoda Sat features a **GIS** (Geographic Information System) module for displaying the trackings in relation to the **corporate infrastructure** (clients, offices, networks, delivery points) and displaying **other mapping backgrounds** in addition to those of **Google Maps®** such as, for example land registry maps, orthophotos, CTN, Open Street Map.



DEADLINE REMINDER

The system also offers a deadline reminder function as regards **insurance premiums**, **ownership tax payments**, **scheduled vehicle inspections and maintenance**, based on dates, **kilometres travelled** or **hours of use**. The function can send reminders by email to one or more addresses.



SPEED MONITORING

The GPS location units may be interfaced with the digital tachograph for the **automatic remote downloading and storage** of the vehicle and driver data, in accordance with the law. The data is processed to **determine any violations** and to automatically generate a **warning letter**.



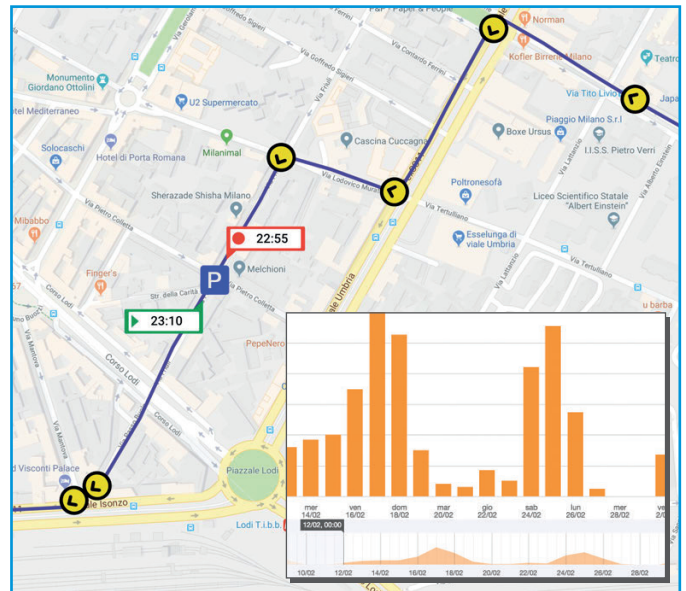
NOTICES AND ALERTS

Arcoda Sat also features tools for generating **notices and alerts**. Notices can be sent in conjunction with circumstances involving a degree of interaction of the vehicles with certain specific places of interest (entries, exits) or in certain so-called "protection" time-slots defined by the user. The circumstances and events that trigger an alert may be managed by means of text messages, emails or through the support of a **central control room**.

GRAPHS, TRACKING HISTORY AND REPORTS

Arcoda Sat creates detailed reports that may be displayed in the portal or exported in the most widely used formats (pdf, xls, csv, txt, rtf).

Reports on **distance travelled**, **speed**, **hours** of vehicle use, **fuel** consumption, **work** sessions, entries or exits into or from special areas, as defined by the user directly on the map, driver ID, **tachograph**, **battery** charge level, refrigerator compartment **temperature**, etc.. The reports and graphs may be tailored to suit the user's needs.



LOCATION

TELEMETRY AND VEHICLE SUPERVISION



Position



SOS



Refrigerated compartment temperature



Immobilizer



Trackings



Fuel consumption



Tachograph



Anti-theft



Direction



PTO



Driver ID



Overturning alarm



Speed



Engine ON/OFF



Odometer



Hours of activity

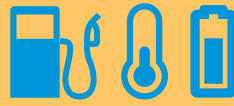




Satellite
tracking



Vehicles work
monitoring



Vehicles
telemetry



Integration
with GIS, ERP
and WFM

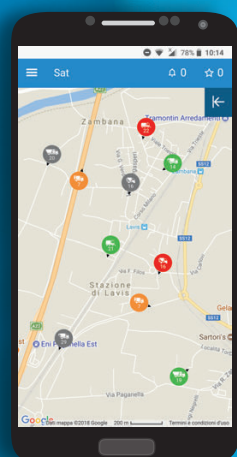
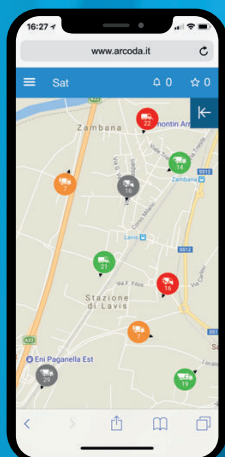


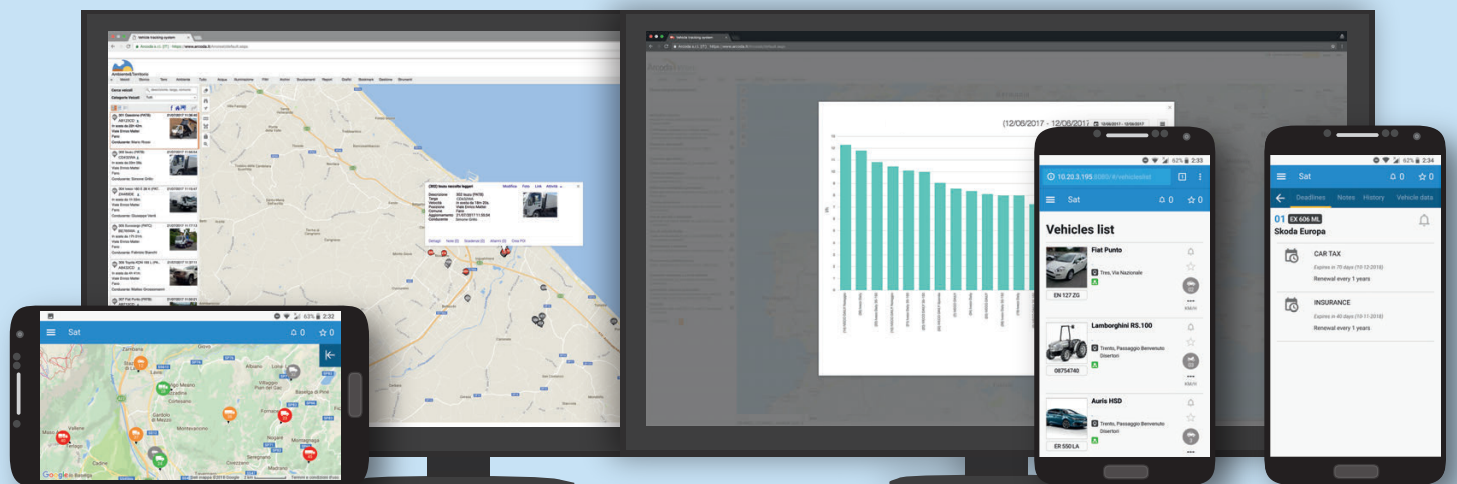
Perfect synergy with the other Arcoda Work suite products for fleet monitoring and management

Discover all the advantages offered by a fleet location system that can be integrated with the other **Arcoda suite modules**. You may add to the **tracking environment your GIS**, the georeferenced management of your **work orders**, the **location** of your **assets** on the ground, the tracking of vehicle work activities and **time stamping** directly on **board the vehicle!**

Arcoda Sat is *Mobile* too!

Ensuring your fleet is **always with you!**
Sat Mobile, the **web app** for monitoring your vehicles even when **you're on the go**. Try our innovative **Living Map by Arcoda®** showing **vehicle movements on the map!**





Arcoda Living Map,
vehicles moving
on the map

Vehicles list

**Technical
and administration
deadlines**

arcoda

INFORMATION TECHNOLOGY

Arcoda, a reference point of a dynamic work force

Arcoda has been developing innovative software solutions that focus on work force management for more than a decade. The success of our products, which vary from vehicle tracking to high-end GIS applications, is based on the continuous effort and a deep interest in technology applied to work force management.

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Sat is part of the **Arcoda Work** suite, the most complete integrated solution for managing workforces on the ground.



ARCODA
Mobile GIS
The utility GIS available
on smartphones



ARCODA
Smart
Work orders
on smartphone



ARCODA
Sat
Vehicles monitoring
and telemetry



ARCODA
Asset
Mapping
of field assets



ARCODA
WF Tracker
Field activities
tracking



ARCODA
Time
Attendance monitoring
directly on board vehicles

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