

Automatic Vehicle Location (AVL) Terminal App

Deliver enhanced fleet management functionality while saving time and money.



ORBCOMM® terminal apps are software applications that run on our terminals to provide functionality that targets a specific market. Each terminal app includes a unique set of configurable features that can be used with no programming required. We offer a wide range of terminal apps that jumpstart the development of industrial Internet of Things solutions that address multiple industries and markets.

The AVL app enables simple configuration of a variety of pre-set event-based reports and thresholds based on an application's needs for location tracking, vehicle status, accident reconstruction, sensor status and driver behavior monitoring. The AVL app sends position reports, monitors driver behaviour, tracks driving hours, reports sensor status and more. The app eliminates the need for programming the terminal, as only simple configuration is required to integrate these features into existing fleet management solutions.

The AVL app isn't limited to road or transportation-specific applications. The software can be used to support any use case that requires the detection of movement (start, stop, distance, etc.), entry or exit from geofences and receiving and transmitting sensor input. For instance, the maritime sector is the second most popular user of the AVL app after transportation.

Configurations

The AVL app can be used 'as is' as a building block for your application, combined with other ORBCOMM terminal apps to provide more sophisticated functionality or combined with your own code to meet specific requirements. Any way you use it, the AVL app is a great way to reduce development costs and speed your time to market.

Improve driver safety

Monitor aggressive driving such as speeding and harsh acceleration or deceleration to detect risky driving patterns and reduce the risk of accidents. Confirm that drivers are using seatbelts and enable panic buttons to call for help in case of emergency.

Accident detection

Detect accidents and capture data before, during and after a crash to help with accident reconstruction and assessment.

Enhance security

Get notified of GPS/cell jamming as well as SIM card, antenna or communications tampering. Minimize risk by tracking vehicles in troubled areas using geofences or

Accelerate time to market

Reduce development costs

Configurable and versatile

Free software upgrades

Free technical support



immobilize vehicles remotely in case of hijacking. Ensure only authorized drivers get vehicle access.

Minimize operations costs

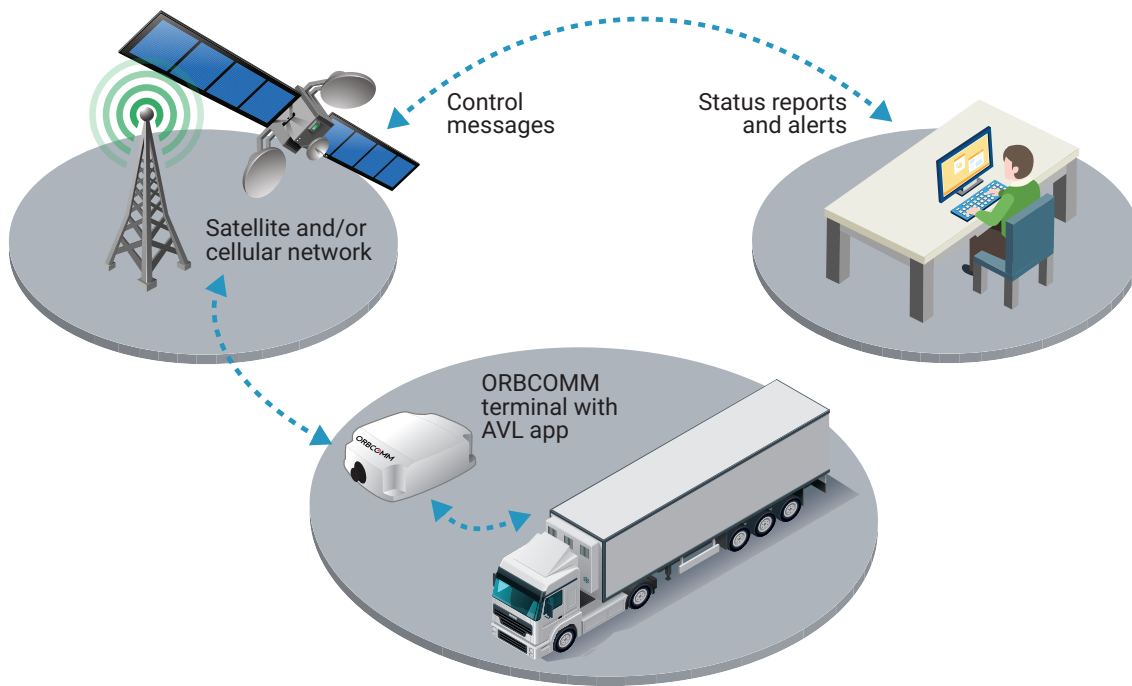
Improve maintenance scheduling with Service Hour Meter reports. Reduce fuel consumption by improving driver habits through monitoring idling and harsh braking and acceleration. Track location of vehicles to optimize utilization.

Ensure regulatory compliance

Track and record driving hours

Sensors

Support for third party sensors (i.e. seat belt detection, temperature, fuel, wind speed) or actuators (i.e. panic button, vehicle immobilizer).



Features

- GPS tracking at configurable time or distance intervals, based on vehicle movement or network coverage
- Identification of vehicle usage delimited by start or end events
- Notification of geofence entry or exit
- Driver behavior notifications such as excessive speeding or excessive dwelling in specific areas
- Aggressive driving alerts, including harsh braking and acceleration and harsh turns
- Driver identification
- Enhanced tracking using turn-by-turn reporting for better visibility in urban areas that may represent higher risk
- Optional third-party peripheral support: panic button or seat belt sensor detection or actuators such as a vehicle immobilizer
- Accident detection and data capture for post-analysis

How to Buy

Terminal apps are available by subscription. Subscription fees are charged monthly for each activated terminal. To find out more, contact your ORBCOMM account manager or sales@ORBCOMM.com

ORBCOMM (Nasdaq: ORBC) is a global leader and innovator in the industrial Internet of Things, providing solutions that connect businesses to their assets to deliver increased visibility and operational efficiency. The company offers a broad set of asset monitoring and control solutions, including seamless satellite and cellular connectivity, unique hardware and powerful applications, all backed by end-to-end customer support, from installation to deployment to customer care. ORBCOMM has a diverse customer base including premier OEMs, solutions customers and channel partners spanning transportation, supply chain, warehousing and inventory, heavy equipment, maritime, natural resources, and government. For more information, visit www.orbcomm.com.