ORBCOMM Terminal Apps

Reduce solution development time and speed time to market.

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.

They 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 them, terminal apps are a great way to reduce development costs and speed your time to market.

When to use a terminal app
Terminal apps are a great starting point for developing your solution. Whether you lack the technical resources to develop your own terminal app or have them tied up in other projects, our terminal apps are designed to reduce both development time and programming costs.

Built from deep experience
By choosing to use our terminal apps, partners also benefit from our extensive experience in each market. Our apps are designed with flexibility in mind to ensure you can adapt them to your own specific requirements.

Deployment Models
Terminal apps are highly configurable to meet the needs of your application. They can run on their own, concurrently with other terminal apps, or can be configured to collaborate, sharing information between each other. By configuring and/or combining our apps, a solution can be created for a specific niche market without any software development.

Terminal Apps
The **Alert, Report, and Control (ARC)** app transforms an ORBCOMM terminal into a modern remote terminal unit (RTU). It enables cost effective tracking, monitoring, and automated control of remote industrial assets used in oil and gas, mining, and utilities applications.

The **Automatic Vehicle Location (AVL)** app provides event-based features that enable location tracking, status monitoring and driver behavior monitoring with configurable thresholds to adapt to specific user requirements.

Accelerate time to market

Reduce development costs

Configurable and versatile

Free software upgrades

Free technical support

The **Garmin API** provides a simple interface between Garmin's proprietary fleet management interface (FMI) protocol (used with their portable navigation devices) and custom user services developed for ORBCOMM terminals. A variety of fleet management features like text messaging, driver identification, dynamic speed limit alerts and more are enabled through the connection with a Garmin navigation device.

The **Garmin Dispatch** app provides a variety of fleet management features that are enabled through the Garmin API. Features include communicating to and from an FMI-compatible Garmin portable navigation device and manipulating the data for messaging, authentication and dispatch.

The **Mail** app facilitates sending and receiving emails over ORBCOMM satellite terminals.

The **Sensors** app extracts data from sensors and devices connected to the terminal, or from the terminal itself, and generates periodic or on-demand reports, alarms, and histograms.

The **Remote Terminal Device (RTD)** app provides the ability to interface directly with a generic serial device to quickly integrate new capabilities without having to program things like AT commands used to communicate with a conventional satellite modem. Examples of a serial device include a remote terminal unit (RTU) used in a SCADA system or a Mobile Display Terminal (MDT) used to send text and create messages between a driver and a dispatcher.

The **Vessel Monitoring System (VMS)** app provides reporting features that enable location tracking, status monitoring and behavior monitoring with configurable thresholds to satisfy specific user and regulatory requirements.

The **Modbus** app interprets data from Modbus devices via RS-232, RS-485 or TCP/IP interfaces and allows adjacent applications (like the ARC app) to manipulate the data, create alarms and interface with back-end applications.

The **J1939** app extracts engine data like coolant level, engine oil pressure and fuel delivery pressure from a vehicle's J1939 bus and delivers it to an adjacent application like the AVL or Sensors app to interface with backend applications.

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

CALL: 1.800.ORBCOMM   **EMAIL:** SALES@ORBCOMM.COM   **VISIT:** WWW.ORBCOMM.COM

ORBCOMM 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.

280619A