

SKYWAVE™

AN ORBCOMM COMPANY

Datasheet



Alert, report and control (ARC) terminal app

Alert on critical events, report equipment status and control simple devices remotely.

SKYWAVE® 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 ARC app transforms an SKYWAVE 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 app can collect data from field equipment, analyze it locally and send information back to an enterprise application over a cellular or satellite network. Based on inputs received from the field equipment being monitored, the app can also automate control of remote valves and switches. By processing information at the edge, data transmission is minimized, reducing connectivity costs.

Accelerate time to market

Reduce development costs

Configurable and versatile

Free software upgrades

Free technical support

Configurations

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

Monitor fixed equipment

Ensure the proper operation of compressors, pumps and other remote field equipment cost effectively to minimize downtime and enable preventative maintenance.

Reduce site visits

Automate industrial processes by collecting flow meter and tank level readings without sending workers to remote sites.

Remotely control equipment

Enhance productivity by operating equipment remotely and opening and closing valves without manual intervention.

Gain full visibility

Ensure that you know the location of your portable equipment anytime and anywhere to improve utilization and protect from theft.

Features

- Up to 18 digital or analog input/output points configurable in any combination
- Configurable alert thresholds for each input
- Multi-level analog thresholds for intermediate alerts (i.e. different tank levels)
- Scheduled heartbeat reports indicate when everything is operating normally
- Equipment run-time accumulator reports total time at lower cost than multiple on/off alerts
- Pulse accumulator counts sensor transitions of 1 Hz or less for simple flow monitoring
- Movement alerts use built-in terminal GPS to send location if an asset moves unexpectedly
- Virtual ports provide expandability for up to four custom sensors
- Low-power support for applications that need to operate autonomously

Although we strive to ensure accuracy in all of our published specifications, actual field performance can vary depending on a variety of environmental, installation and usage factors, as well as third-party factors such as cellular providers. The specifications listed are approximations, and do not constitute binding statements or modify the terms and conditions of purchase or lease including, but not limited to, product operational limitations and warranties. All specifications are subject to change without notice. Please check www.skywave.com to ensure you have the latest version of these specifications.

Terminal apps are available by subscription. Subscription fees are charged monthly for each activated terminal. For more info, contact your **SKYWAVE** account manager or sales@skywave.com | Call: **1-800-672-2666**

Visit our website www.skywave.com

SKYWAVE, an ORBCOMM company, is a global provider of IoT solution enablement technology. We empower solution providers, system integrators and OEMs to serve their customers through satellite and cellular managed IoT networks and a complete application enablement platform. We provide a fully integrated ecosystem of purpose-built devices, data automation and connectivity services for high-reliability, low-data solutions. SKYWAVE is where IoT powers mission-critical applications for the transportation, agriculture, oil and gas and maritime industries.