ORBCOMM VMS

Everything you need to get started with the integration of a Vessel Monitoring Solution (VMS), easily and cost effectively

ORBCOMM's Vessel Monitoring System (VMS) is designed to simplify the development and deployment of VMS solutions. Pre-certified by the Pacific Island Forum Fisheries Agency (FFA), the kit delivers the components required to facilitate integration of a vessel tracking solution—hardware, terminal application, and services—all from a single provider at competitive prices.
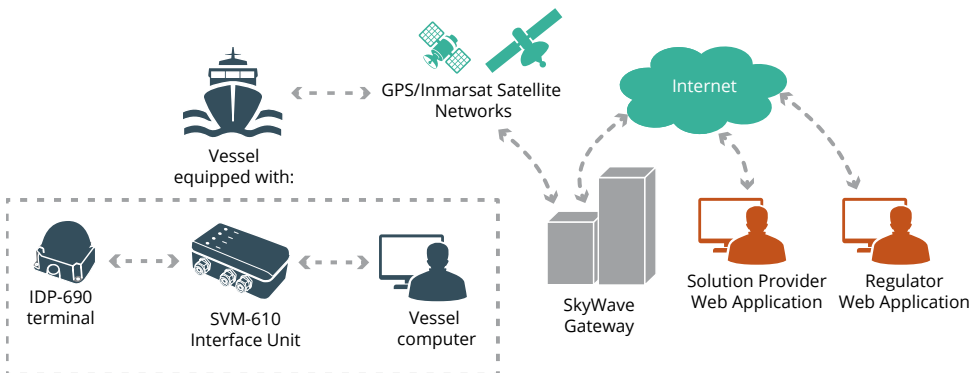
What is Included

Satellite Communications Terminal: The IDP-690 is an environmentally sealed device that delivers connectivity to marine vessels over the IsatData Pro satellite data service anywhere in the world to enable vessel tracking and security, ship-to-shore communications as well as regulatory compliance. A pole or rail mounting kit for the IDP-690 is included in the box.

Embedded Terminal Application: The VMS Agent is a configurable software application pre-installed on the IDP-690 terminal. It allows for periodic and event-based reporting, GPS position reports, geofence alerts, system status reports, data logging and two-way e-mail capabilities as well as remote configuration.

Interface Unit: The SVM-610 is the Interface Unit that relays status information to the vessel operator via LED indicators to convey power status, terminal connection status, satellite connectivity and GPS availability. The Interface Unit can connect to a computer through serial port to allow for system diagnostics/updates and e-mail capabilities.

How it Works

Five Reasons to Choose ORBCOMM VMS

1. ACCELERATE TIME TO MARKET
Significantly reduce solution delivery timeframes, reach more customers and generate new revenues, faster.

2. SAVE ON INTEGRATION COSTS
Save on upfront and recurring costs associated with programming, testing, certifying, and supporting a VMS solution.

3. REDUCE TOTAL COST OF OWNERSHIP
Competitively priced hardware and network services ensure lower total cost of ownership.

4. COMPLY WITH REGULATIONS
Pre-certified kit ensures compliance with existing regulatory requirements.

5. RECEIVE PROFESSIONAL SUPPORT
Let our team of experts work with you to help you bring your solution to market hassle-free at no additional cost.

ORBCOMM VMS DATASHEET

System Features and Functionality

- **Periodic Reporting:** Messages are delivered at pre-configured intervals including information about time, longitude, latitude, speed, course, GPS and satellite signal quality as well as system states. Accelerated reporting activation for more frequent messages is available to authorized users.

- **Event-Based Reporting:** Reports and notifications can be sent when specific or multiple tampering events are detected—power disconnected, GPS jamming, GPS and/or IDP blockage—and when connection to a computer and the Interface Unit is not available for enhanced security.

- **Geofences:** Up to 128 geofences can be defined on the IDP terminal enabling the system to generate entry/exit notifications for specific areas.

- **E-mail:** Text-based, two-way e-mail capabilities are available using SMTP and POP3 protocols. The system allows users to use a desktop e-mail cllient and white lists to restrict outgoing and incoming e-mail to approved domains.

- **Data Logging:** Up to 25,000 messages can be stored on the IDP terminal for access to historical data and improved operational visibility.

- **Remote configuration analysis:** Configuration and system updates can be performed remotely over the air, eliminating disruptions to fishing operations and costs associated with the deployment of field workers.

How to Buy

To find out more or to purchase ORBCOMM VMS, please contact your account manager or email us at **sales@skywave.com**.

About ORBCOMM

ORBCOMM Inc. (Nasdaq: ORBC) is a leading global provider of Machine-to-Machine (M2M) communication solutions and the only commercial satellite network dedicated to M2M. ORBCOMM's unique combination of global satellite, cellular and dual-mode network connectivity, hardware, web reporting applications and software is the M2M industry's most complete service offering. Our solutions are designed to remotely track, monitor, and control fixed and mobile assets in core vertical markets including transportation & distribution, heavy equipment, industrial fixed assets, oil & gas, maritime and government.

With over 15 years of innovation and expertise in M2M, ORBCOMM has more than 1.2 million subscribers with a diverse customer base including premier heavy equipment OEMs such as Caterpillar Inc., Doosan Infracore America, Hitachi Construction Machinery Co., Ltd., John Deere, Komatsu Ltd., and Volvo Construction Equipment, as well as transportation customers such as Boeing, C&S Wholesale, Canadian National Railways, Carrier Transicold, CR England, Hub Group, J.B.Hunt, Maersk Line, Marten Transport, Prime Inc., Swift Transportation, Target, Tropicana, Tyson Foods, Union Pacific, Walmart, and Werner Enterprises.

For more information, visit www.orbcomm.com.

Certifications

IDP-690

- **Regulatory:** CE (R&TTE, RoHS 2), FCC, IC, Anatel compliant, MSS Russia, SRCC, RCM Mark, IEC 60945, FFA (pending)

- **Others:** Inmarsat Type Approval, IP67

Ordering codes

ORBCOMM VMS
SM201391-001

- VMS Kit comprised of IDP-690 terminal, Interface Unit, pole or rail mounting kit

Accessories
ST301005-003

- IDP 25m cable

ST100372-001

- RS232 cable with an RS232 to USB converter cable

LEARN MORE AT **WWW.ORBCOMM.COM**

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