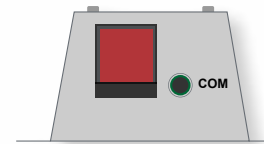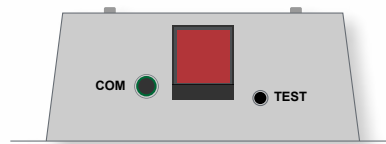# Ship Security Alert System
FMT-SSAS-V1 [Type Approved]

ONE HARDWARE SEVEN FUNCTIONALITIES

FMT-SSAS-V1 is an advanced Ship Security Alert System, consists of Orbcomm ST6100 Terminal, with global satellite connectivity over the IsatData Pro network.

Falcon Mega Solutions continues to develop and enhance maritime security solutions. It enhanced efficiency, and greater safety and security for vessels and boats, while lowering operational costs.

SOS SOS Alert

Tracking (Time-based & Distance-based Tracking)

Geofencing

V-Mail (Compressed Email Solutions)
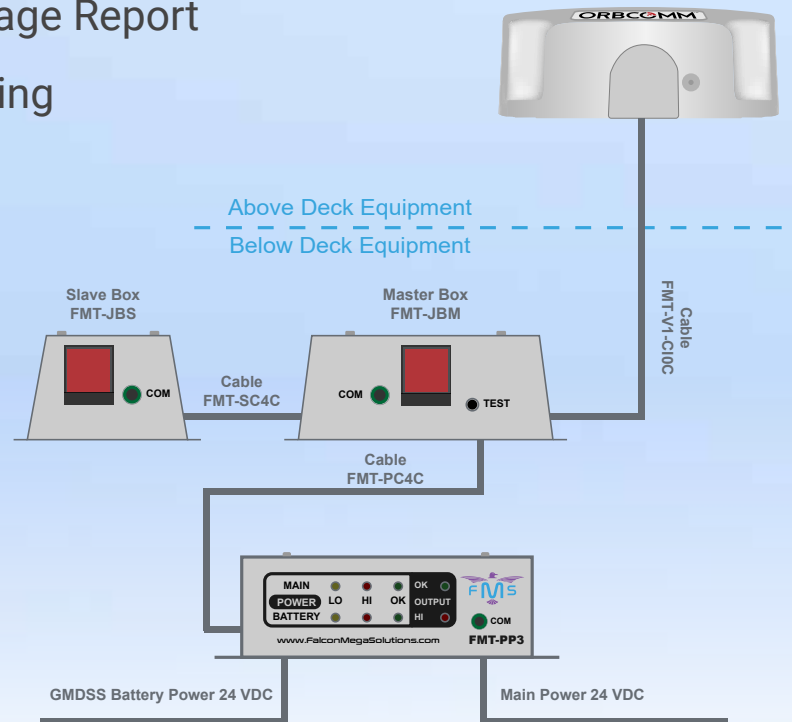
Route Monitoring

Live Weather Map

Dual Power Supply

When it comes to tracking of vessels, no other company can match FMT-SSAS-V1's features.

► Type Approved Hardware, and Global Coverage of Inmarsat

► Distance and Bearing from 5 Nearest Ports

► Prepaid Airtime System & Usage Report

► Global Weather and Forecasting

► Two Years Tracking History

► Astronomical Calculations

► Quick Activation

► V-Mail Support

Hardware Specification

Satellite Terminal

Make	Orbcomm
Satellite	Inmarsat, Two-way, ISatData Pro Satellite Service, Global Coverage

Electrical

Input Voltage	12 to 30V DC
Power	Rx: 45mA, with GPS: 60mA Tx: 0.75A Sleep: 100 micro A

Environmental

Operating Temp:	-40C to +85C
Dust/Water Ingress:	IP67
Vibration:	SAE J1455 (Sec 4.9.4.2 fig 6-8); MIL-STD-810G (Sec 514.6)
Shock:	MIL-STD-810G (Sec 516.6)

Certification

Type Approval	Germanischer Lloyd, Inmarsat, IP67
Regulatory	CE (R&TTE, RoHS 2), FCC, IC, Anatel, MSS Russia, SRRC, RCM Mark, IEC 60945, C1D2

GPS / Glonass

Elevation Angle	-15 to +90 Deg
Acquisition time	Hot: 1 second; Cold: 29/30 seconds
Accuracy	2.5m/4.0m CEP-Horizontal