

# MatysOnBoard IRIDIUM-9505 Add-On

## Marine Communications & Monitoring Solution

**MatysOnBoard** is a breakthrough marine communications and monitoring solution that provides yacht support services anytime, anywhere. More than just a tracking application, the state-of-the-art solution uniquely integrates a robust onboard wireless data communicator and a one-stop 24/7 contact center providing access to international yachting service providers. **MatysOnBoard** facilitates safer and more efficient offshore yachting for commercial vessel operators and private yacht owners worldwide.

**MatysOnBoard** is available in three series that support the main global coverage satellite technologies for marine applications: Iridium, Orbcomm, and Inmarsat D+.

## Key Capabilities

### Tracking

Automatic Web-based tracking with positions displayed on nautical charts

User-controlled tracking frequency

Real-time position updates for selected users, family and friends

### Emails

Unique e-mail address – myboat@matysonboard.com

Dedicated satellite email application integrated into MS Outlook

Flexible email retrieval at sea or on land

User selection of CSD or SBD modes for cost-effective email transmission

### Internet

Supports Iridium World Data Services

### Sat-Voice Telephony

Integrates to standard Iridium 9505/9505A

Portable Satellite Phone

### 24/7 Contact Center for Information & Support

Distress signals trigger operator confirmation and professional response

Technical and logistical consultation

Medical consultation by qualified support team

Location-based weather forecasts



## Matys Integrated Communicator

Designed for marine applications and proven at sea, this compact, lightweight unit transforms the iridium portable phone into a powerful marine data tool

Dual-mode satellite and cellular (GPRS/GSM) communications

Two easy-to-use alarm push buttons for level-1 and level-2 emergency response that automatically send out distress signals with vessel's ID and position

Unique data transfer and monitoring by SBD mode

## Features & Specifications

### Onboard System Components

MATYS integrated Iridium/cellular communicator with built-in GPS module

Iridium 9505/9505A Portable Satellite Phone

### Antennas

Iridium fixed-mast marine antenna

GPS antenna: 52 x 43 x 13 mm with 5 m cable

### Connections

Laptop/PC connection with RS232 cable

Interfacing to MatysOnBoard unit via Iridium Data Adapter

Digital/analog I/O connection cable for interfacing various external devices (optional)

### Interface

LCD display: up to 32 characters at one time

Functional keyboard and easy-to-use push buttons

2 alarm push buttons for level-1 and level-2 emergency response

### Power

Input: 12 volt (24 volt optional)

Current draw: 120 mA.

External or internal backup battery (optional)

### Physical

Matys Integrated Communicator

Dimensions: 210 x 146 x 48 mm

Weight: ~700 grams

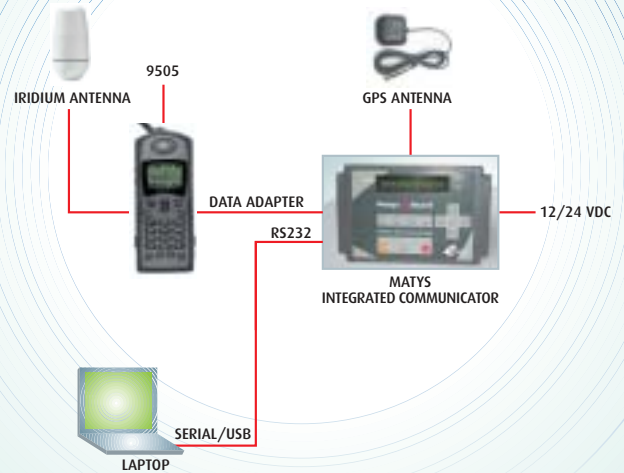
### Temperature

Operating: -10°C to +55°C

Storage: -20°C to +65°C

## MatysOnBoard IRIDIUM-9505 Configuration

Compact ■ Easy to install ■ User friendly



Web-Based Tracking



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## About Matys

Matys develops, markets and supports unique marine telematics solutions. The company's flagship product line, **MatysOnBoard**, comprises state-of-the-art marine communications and monitoring solutions for commercial vessel operators and private yacht owners worldwide. A privately held company, Matys is a subsidiary of ITURAN, a leading international supplier of vehicle tracking and communications systems.