MARINE ASSET TRACKER 2.0

Key Benefits

New hardware and satellite options, and a choice of flexible payment plans mean it has never been easier, or more cost-effective, to track your fleet and meet its operational and regulatory requirements.

Marine Asset Tracker (MAT) 2.0 has been completely redesigned to make it easier than ever to manage your marine assets. With larger maps, streamlined navigation and minimalist design, you will see more of what matters — your fleet.

Choose from a range of new hardware, satellite, and service plan options to create custom packages that meet the unique needs of each asset in your fleet. From intelligent realtime monitoring to basic daily tracking, MAT 2.0 offers you the flexibility to manage the operational and regulatory requirements of your entire fleet, whether you have five assets or five-hundred.

- HDtrack - Intelligent realtime reporting (exclusive to MAT-IDP690)

- Track and manage your fleet in one application

- Custom satellite/hardware/service plan options to meet the unique needs of each asset in your fleet

- Visualise risks and increase situational awareness with interactive maps, zones and weather overlays

- Automatic and on-demand position reporting (hardware dependent)

- Get position reports, status updates and alerts by email/SMS, wherever you are

- Access archived position data instantly

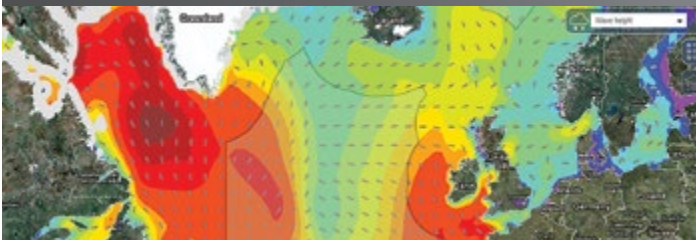- Restrict access and monitor usage with advanced user management tools and system logs

POLE STAR

Legendary 3 (9VT008)
Barge
112 meter 1293 tonnes
IMO: 24589
Hardware: DCC1234567
Reporting Interval: 6hr

1° 59.1' N 102° 13.1333' E   11/7/2012 14:14 1hr ago

Apollo (ZT878)
Tugboat
18 meter 922 tonnes
IMO: 33366
Hardware: DCC1234567
Reporting Interval: 1hr

1° 57.1' N 107° 13.1333' E 11/7/2012 14:34 20min ago

Jenny (NP9871)
Purse Seiner
25 meter 42 tonnes
IMO: 21544
Hardware: DCC1234567
Reporting Interval: 1hr

1° 36.1' N 82° 13.1333' E 11/7/2012 14:14 30min ago

Introducing Marine Asset Tracker 2.0

Intuitive Interface

Completely redesigned for the greatest possible usability, MAT 2.0 offers a sleek new user interface to simplify and streamline your operations. Intuitive maps, powerful search and minimalist design combine to offer you a smooth user experience.

Interactive Maps

Zones

MAT 2.0 comes complete with 100+ pre-installed zones allowing you to start monitoring your fleet immediately. Choose from high-risk, political, environmental, insurance and conservation zones.

Weather

Overlay global forecast weather conditions on dynamic maps and marine charts. Weather layers include:

- Precipitation and mean sea level pressure
- Winds (at 10m elevation)
- Air temperature
- Wave height and peak wave period
- Visibility and thunderstorm/squall risk
- Sea surface temperature

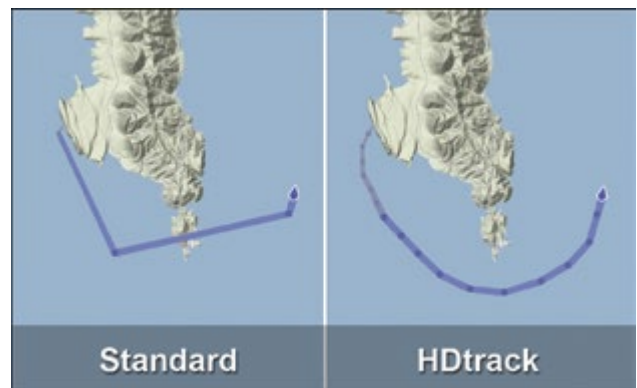Weather information is provided by NOAA and updated every 6 hours.

Complete Visibility

Build a picture of your fleet for global situational awareness in a single view. Add dynamic layers and visualise your fleet in relation to ports and coastlines, weather fronts and environmental, security risk and operational zones.

Flexible Packages

With flexible pricing per asset, you choose the hardware & service plan combination that meets the unique needs of each asset in your fleet. From basic daily tracking to intelligent realtime reporting, MAT 2.0 gives you complete control.

HDtrack

Standard   HDtrack

Exclusively available on MAT-IDP690, HDtrack leverages the latest advancements in satellite communications technology to provide intelligent realtime reporting.

Safe & Secure

Stay in control of privileged information with advanced security features. Enable and disable users and assign them privileges and permissions to control access and dissemination of sensitive fleet information. Ensure accountability and trace activity to individual users with system update logging, while HTTPs encryption ensures that your data remains secure.

Historical Analysis

Go back in time and analyse the movements of an asset at a specific moment in time. Display dynamic history trails that represent the speed, heading and progress of your assets, or download archived track data at the click of a button.

Incident Monitoring

React faster in the event of a security situation with MAT 2.0's suite of incident monitoring tools. Graphical weather forecasts updated every 6 hours allow you to monitor sea conditions, while 100+ pre-installed high-risk, regulatory and environmental zones and on-demand position reports* offer you improved situational awareness.

* hardware dependent

Accessible Anywhere

In the office, at home or on the move, notifications by email and SMS will reach you, wherever you are.

HARDWARE	MAT-IDP690	MAT-GS	MAT-SF2500
POWER	Mains powered	Battery powered	Mains powered
COMMUNICATION	Two way	One way	Two way
PROGRAMMABLE	Over the air	In the field	Over the air
POSITION REPORTING	Automatic On-demand Variable	Automatic	Automatic On-demand Variable
EXTRAS	HD TRACK Intelligent realtime reporting		Phone/SMS
NETWORK	inmarsat	Globalstar	THURAYA
COVERAGE			
IDEAL FOR	• powered marine assets • tugs • support vessels • fishing vessels • workboats	• unpowered marine assets • barges • "dead" tows • unattended installations	• powered marine assets • fishing vessels • leisure vessels

FEATURE	DESCRIPTION

TECHNOLOGY

Purplefinder Pro	The next generation tracking platform by Pole Star, with a new intuitive interface
Web-based	Web-based application can be accessed using a web browser without downloads or installation
Secure	HTTPs encryption, password protected logins and update logging

USERS

Unlimited users	Create unlimited users
Manage permissions	Control user access with custom permissions per user

MAP & CHART VIEW

Interactive maps	Full screen interactive maps with easy drag-to-pan and click-to-zoom navigation
Choice of base maps	Google street, hybrid and satellite maps and C-Map marine charts
Dynamic history trails	Movement history trails vary dynamically to indicate the status (moving/stationary) and speed of the ship and the age of the track data

POSITION REPORTING

Automatic	Regular position reports at a fixed interval
Variable	Send a command to change the reporting rate*
On-demand	Send a command to request a real-time position report*
HDtrack	Intelligent realtime reporting, exclusively available for MAT-IDP690

LAYERS

Layer selector	Add, remove, reorder and share zones with the intuitive layer selector
Weather	Overlay weather conditions including: precipitation and MSLP; wind 10m above surface; air temperature; wave height; peak wave period; visibility; thunderstorm/squall risk; sea surface temperature
Zones	Over 100+ high-risk, environmental, conservation and regulatory zones to choose from

NOTIFICATIONS

Email & SMS	Stay connected to your fleet wherever you are with notifications by email and SMS
Regular & summary reports	Subscribe to regular and summary reports on specified events and ships

TOOLS

Ship image	Upload images of your ships, for easy reference
Documents	Upload important documents for easy access and reference
Characteristics	Add custom characteristics e.g. ship type, flag and length

AIS

Satellite AIS	Satellite AIS data provided in partnership with ORBCOMM

HARDWARE

MAT-IDP690	Ideal for powered marine assets, tugs, support vessels, workboats and fishing vessels
MAT-GS	Ideal for unpowered marine assets, barges, "dead" tows and unattended installations
MAT-SF2500	Ideal for powered marine assets, fishing vessels and leisure vessels
Backwards compatible	Also compatible with legacy and third-party hardware. Contact us for more information

*Hardware dependent	Pole Star will use reasonable endeavours to track your transceiver and deliver your position reports. However, sometimes this is not possible due to factors beyond our control, such as satellite communications failure.