



# MarTrack™

Integrated fleet and risk management solution



# A single integrated solution



MarTrack™ combines a range of fleet and risk management functions, which are often sourced separately, into a single, integrated solution. Consolidating your existing systems could help you to save time, reduce cost and improve efficiency. MarTrack™ is extremely flexible and can be customised to your organisation's individual requirements. Key features available include:

## MarTrack™ WebView

User access is via a secure, easy-to-use online portal, MarTrack™ WebView - which presents an electronic S57 maritime chart with live vessel tracking data, the latest piracy alerts, maritime security and weather information and electronic geo-zones overlaid.

Additional overlays can be added to the system and switched on and off as required, for full flexibility and control.

## Live vessel tracking & fleet monitoring

MarTrack™ provides highly accurate positioning data, using the vessels' Automatic Identification System (AIS) signal, Sat C communications or other mobile tracking devices.

NYA's satellite data is of the highest quality available commercially, for as near to 'real time' tracking as possible. Via MarTrack™ WebView you have access to your positioning data and detailed vessel information anytime, at the touch of a button.

## Voyage risk assessment & planning

MarTrack™ WebView includes an innovative risk assessment and voyage planning tool, combining vessel details, risk tolerance criteria and location-specific mitigation measures with weather, sea state and recent piracy incident information along any pre-selected route.

It is very quick and easy to use, and creates a customised, voyage-specific report that helps inform decision making and provides an electronic audit trail.

## Electronic geo-zones

MarTrack™ WebView contains electronic geo-zones around Joint War Committee and/or other high-risk areas. You can set up an unlimited number of customised geo-zones and quickly add or amend the boundaries according to individual requirements.

Vessels or fleets can be alarmed to the geo-zones, triggering automated zone entry and/or exit alerts by email or SMS to nominated staff. Detailed reports are also available, showing entry and exit information and total time spent in zone.

Electronic geo-zones offer a range of utility, including vessel monitoring in high-risk areas, war breach reporting, MARPOL regulation support and more.



## Piracy incident alerts

Piracy incident alerts help vessels pro-actively avoid threats at sea and in port. New incidents are given a pre-designated, electronic geo-zone and vessels are alerted by email or SMS on entry. Vessels already inside the zone at the time of the incident receive a call from NYA's 24/7 Operations Centre (subject to pre-agreed protocols), to ensure they are aware of and can route away from the threat.



## Maritime security information

Whilst within a geo-zone, vessels receive regular maritime security updates relevant to that area. Nominated personnel also receive weekly summary and forecast reports, and MarTrack™ WebView provides access to an online database of historic information.

## Ship security alert system (SSAS) services

MarTrack™ can incorporate the full range of SSAS services. NYA can install or re-route on-board hardware, provide mandatory SSAS testing and act as the designated Competent Authority.

## 24/7 Operations Centre support

MarTrack™ is underpinned by NYA's Operations Centre. Comprising analysts and operational staff with extensive maritime security and incident management experience, the team provides peace of mind through 24/7 monitoring and support.

## Who uses MarTrack™?

The flexible utility of MarTrack™ offers a range of solutions to ship owners and operators, war risk and other insurance markets and those with wider interests in the tracking and risk management of vessels, fleets and other assets.

## Adding vessels to MarTrack™

Adding vessels to MarTrack™ and gaining access to MarTrack™ WebView is extremely quick and simple. Please contact NYA to discuss how MarTrack™ can be integrated with existing operations and security management systems and procedures.

## System demonstration

Please contact NYA for a full demonstration of the capabilities of MarTrack™. You can also view an audio demonstration online, visit: <http://www.brainshark.com/NYAIL/MarTrackWebView>

## Key benefits of MarTrack™ include:

- > A market-leading, consolidated solution
- > Cost, time and system efficiencies
- > Awareness and informed decision making
- > Risk mitigation and threat avoidance
- > Legislative compliance
- > Helps fulfill Duty of Care obligations
- > Reduces corporate liability
- > Peace of mind through 24/7 support

## About NYA

NYA is a specialist crisis prevention and response consultancy with 24 years' experience of helping clients reduce their exposure to and manage incidents of marine piracy, kidnap for ransom, extortion and related global security crises.

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