

Maritime Anti-Piracy System (MAPS)

Automatic Detection & Alert Triggering of Suspicious Vessels

The hijacking, plundering and detention of ships has evolved over the years and the lives of maritime crew are increasingly being put at risk. The AgilTrack Maritime Anti-Piracy System (MAPS) is capable of addressing that concern by means of prevention. MAPS provides early warning on suspicious piracy vessels through smart mobility tracking and in-depth behavioural analysis.

The technology hinges on the smart analytics of ship courses, speed and movement patterns. Fully equipped with an intelligent processing system, AgilTrack MAPS offers early warning to forestall a surprise attack, ensuring that crew members have swift reaction time for risk management.

KEY APPLICATIONS

- Maritime Piracy
- Petty Theft
- Maritime Armed Robbery
- Hijacking
- Terrorism
- Illegal Boarding

KEY FEATURES



Automatic detection and alert triggering system



Advanced behavioural analysis for accurate identification of suspects



Equipped with touchscreen intuitive GUIs and simple operational functions



Eliminates surprise attack and increases crew reaction time



Unmanned system and round-the-clock surveillance



No interference to ship electronics and equipment



Seamless integration and installation with ship radar



Remote diagnostics and technical support

OPERATIONAL CONCEPT

1

Automatic Threat Alert System

- Efficiently detects suspicious vessels and automatically alerts main control centre
- Detailed behavioral analysis

3

Deterrent Action

- Automatically deters threats via an illumination of the search beam

2

Rapid System Reaction

- Intelligent processing system
- Camera accurately tracks the threat in real time

4

Post-Event Reporting

- Detailed incident report
- Pre-incident trajectory record
- Photos and videos for post incident investigation

3



Vigilant Search Beam

- White Beam, with a 2.8° beam angle
- Continuous panning movement
- Small foot print
- IP65 & Marine Grade

Option: Deterrent System

- Long range acoustic device
- Water cannon

2



Outdoor PTZ Camera

- D1 resolution & 36x optical zoom
- Focus recall
- Vandal-proof
- IP66
- Stabilizer

1



MAPS Server

- Compact
- Shock resistant
- Easy maintenance
- Tamper-proof



Touchscreen Monitor FHD



Tablet & Phone

