



# MARITIME SECURITY

## Comprehensive Anti-Piracy Solutions

***Gerard Group International takes great pride in offering a comprehensive program of anti-piracy solutions to protect shipping in dangerous waters.***

Commercial shipping can no longer ignore the dangers posed by proliferating piracy in the heavily traveled routes of the Indian Ocean, along the coasts of Somalia and Nigeria, and the waters of southeast Asia. The risk is too great and the ultimate cost is far too high. Gerard Group brings together a host of powerful products and a talented team of professionals, who lead their fields in technology, applied security, counter-terrorism, and training. We address the challenges of maritime piracy with a comprehensive program designed to keep your ships safe from future attacks.



**Gerard Group** solutions provide a multi-disciplinary approach that integrates knowledge, expertise, and experience. Every program is customized to meet the unique needs of our client. Our program is modular in design and includes:

**Detailed Vulnerability Assessment:** An analysis of current infrastructure and human processes to identify critical vulnerability gaps that can compromise the best security plans.

**Applied Solutions:** Targeted security systems include a system of optical sensor arrays and support infrastructure that provides real-time monitoring, reporting, and alarms in the event of an approaching threat. The system uses state of the art heat sensors and ultra-violet technology, which are deployed along the top of the hull to detect waterborne danger from any direction.

The ITVSS Infrared Tracking video sensor system provides a rapid alarm and monitoring assessment of movement up or down the ship side walls. A wireless Wi-Fi unit sends all alarm video and data to the control room in real time.

The system includes anti-intrusion devices, comprised of flat panels, which are mounted on the hull. When the alarm is triggered, the boards are raised to a 90-degree angle, and the undersides, fully lined with razor wire, prevent access to anyone attempting to board.

**Personnel Training:** A short but complete course for the ship's personnel that covers the essentials relating to the protection of the ship, its cargo, and crew. The course prepares crew members for what they may expect during a pirate attack, what they need to know to prevent it, and what they should do in the event that they are in imminent danger.

**Security Teams:** Gerard Group provides highly trained and experienced security teams to sail with your ships and protect them from a pirate attack.