



Proengin

**NAVAL CBRN THREAT
MANAGEMENT**

OUR MISSION

Maintaining security and operational integrity at sea is critical as threats to naval vessels continue to evolve. Robust, user-friendly protection solutions help address these challenges, offering continuous innovation to keep pace with changing risks. CBRN attacks, hazardous material transport, toxic spills, accidents, and terrorist attempts present significant dangers at sea.

Both military and civilian forces must detect and respond swiftly in unpredictable maritime environments, with indoor but also outdoor detection capabilities. Effective solutions ensure rapid threat detection and response, safeguarding the lives of crew members, protecting naval operations in critical situations and protecting the environment, more specifically marine ecosystem.



WHO CAN BENEFIT?



- Frigates, Destroyers
- Aircraft Carriers
- Submarines
- Fireboats
- Offshore Support Vessels

OUR SOLUTIONS

As naval threats continue to evolve, having robust and reliable protection is essential. Reliable solutions ensure the security of critical areas, from outdoor installations to strategic locations like engine rooms or citadels. By prioritizing crews lives, we ensure highly sensitive and universal detection in these high-risk areas. Designed specifically for the challenges of the marine environment, these systems provide comprehensive protection, whether for a single room or an entire ship.

ROBUST & UNIVERSAL TECHNOLOGY

Ensure 24/7 monitoring and protection with detection solutions that detect a wide range of chemical and biological conventional and unconventional threats, including chemical warfare agents, toxic industrial chemicals, homemade terrorist mixtures, bacteria, spores, viruses and toxins, all in gas, vapor, and aerosol form. Resistant to humidity, temperature fluctuations and salt spray, our detectors offer, fully automatic alarms, quick start-up, and response times. With no need for libraries or filters, it is a reliable choice for any naval operation.

CYBERSECURITY AND FUNCTIONAL AUTONOMY

Ensure your operations are protected with a system designed for cybersecurity, built on a secure Linux base and components compliant with EU Cyber recommendations. Centralized data management safeguards your information, while the threat detection Hub acts as the nerve center, sorting data and triggering pre-defined security protocols. This setup guarantees real-time response and functional autonomy, ensuring the security of your ships and data in any critical situation.

EASY INTEGRATION

You can seamlessly integrate detection systems to suit your specific needs. Whether installed as a stand-alone solution with its own interface or connected to a naval asset data system through a simple communication protocol, the systems offer flexibility.

For comprehensive protection, the systems can be fully integrated with Proengin Shield software, allowing efficient detection and management of multiple threats. Benefit from versatile communication capabilities and seamless hardware and software fusion.



MODULAR AND SCALABLE NAVAL SOLUTIONS

With a system that adapts to expand coverage, monitor threats, and enhance protection over time, you can achieve flexible protection that meets your needs. Seamless integration with third-party CBRN systems and security tools offers a versatile solution for various operational environments and security requirements, ensuring optimal performance and adaptability.



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