

## Scalable Ship Sensor Solutions



### Multi-Sensor Technology for Multiple Mission Requirements

Northrop Grumman offers scalable radar, electronic warfare (EW) and electro-optical/infra-red (EO/IR) technologies to meet the unique needs of naval and maritime customers worldwide. Whether defeating the local threat of piracy or providing a regional asset for missile defense, our company is a dedicated partner in preparing customers to navigate dauntlessly into the new millennium.

Scalable ship sensor solutions leverages Northrop's decades of experience in developing, manufacturing and integrating world class sensors. This truly modular approach allows customers the ability to exactly match their specific needs with cutting edge sensor capabilities. The most advanced radar,

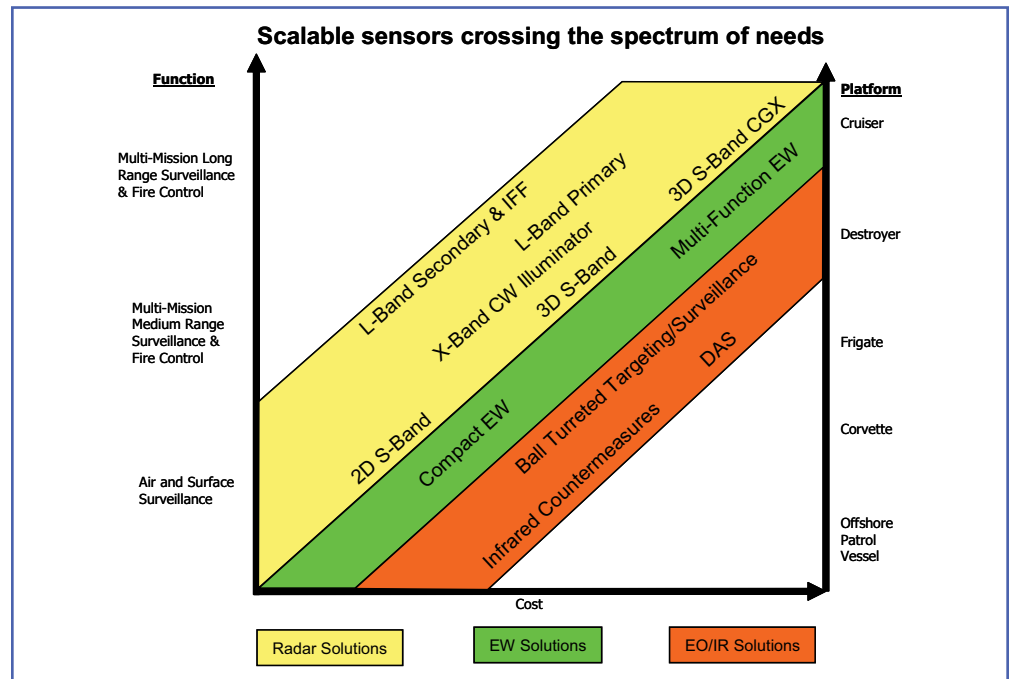
EW and EO/IR technology will provide real multi-mission capability for fleets operating offshore patrol craft, brown water corvettes, or cruising the high seas. We can provide seamless integration for new construction as well as retrofit options to allow maximum functionality through a common sensor network.

Our modular approach will meet customer requirements in such areas as:

- Coastal Patrol
- Advanced ship protection
- Wide area command and control
- Allied forces interoperability
- Affordability and Maintainability
- Streamlined manpower requirements

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Northrop Grumman's multi-mission approach extends far beyond our capability to defend against high end threats like ballistic missiles. Our shipboard sensors are currently in use around the world for local maritime security, commercial, and humanitarian assistance operations. Whatever the situation, whatever the platform, Northrop Grumman has a sensor solution to meet your needs.



**Radar:** Fixed or rotating active array 2-D and 3-D S-band systems. L-band primary or secondary radar with IFF. X-band CW illuminators and anti missile ship defense systems.

**Electronic Warfare:** From a compact, expandable system that combines radar warning receiver, electronic support measures and electronic intelligence up to the cutting edge Multi-Function EW/ES.

**EO/IR:** Solutions include countermeasures systems for self protection, ball turreted targeting or surveillance systems and our distributed aperture system (DAS) with continuous 360° surveillance coverage.

*For more information, please contact:*

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