

**LOCKHEED MARTIN**  
*We never forget who we're working for®*

# Aegis

A no-risk system for the threats of today —  
an evolutionary system for the threats of tomorrow

# The Aegis Weapon System

The Lockheed Martin-developed Aegis Weapon System is the world's premier naval air defense system and the sea-based element of the United States' Ballistic Missile Defense System.

The Aegis Weapon System is a seamlessly integrated radar and missile system capable of simultaneous operation defending against advanced air, surface and subsurface threats. A key component of the Aegis Weapon System is the SPY-1 multi-function phased array radar. It is the world's most advanced and versatile maritime radar, and is scalable to meet the mission needs for a range of ships from corvettes to aircraft carriers.

## Why Aegis?

### Affordable

The scalable nature of the Aegis Weapon System allows it to fit the various budgets of allied nations. Aegis leverages more than 40 years of investment in development and testing, making it the system of choice for six navies.

### Cutting-Edge

The Aegis Weapon System continues to set the standard for integrated weapons systems worldwide. Our approach to Open Architecture (OA) has been adapted by the U.S. Navy to provide its cruises and destroyers cutting-edge technology throughout their full hull life. In addition to supporting Aegis, our OA solutions are providing the core command and control components for the Littoral Combat Ship, and the Coast Guard's National Security Cutter.

### Reliable

Aegis has the reputation of "working right every time, all the time." In addition to successfully supporting more than 3,800 missile launches at sea, the Aegis Weapon System has a proven track record of continuous operational availability during frequent six- to 10-month long deployments.



## **Capable**

Aegis continues to evolve, providing sea warriors with the world's most powerful combat system.

## **Interoperable**

The Aegis Weapon System supports coordinated operations, improving mission effectiveness. Aegis is interoperable with U.S. and allied forces, providing a sensor net that transforms information superiority into combat power, and acting as a force multiplier.

## **Adaptable**

Aegis is designed to evolve with new mission requirements and increasing asymmetrical threats. Aegis OA provides Aegis-equipped ships with affordable, easier and faster adaptation. Additionally, the OA structure, allows international navies to more readily incorporate indigenous systems into Aegis.

## **Industrial Cooperation**

Lockheed Martin views industrial cooperation as a customer-focused partnership. We work with our customers to identify and address their requirements, developing industrial alliances for economic growth. These alliances have fostered long-term business relationships built on disciplined performance and trust, extending across multiple international programs. Our approach of incorporating desired national systems and industry partnerships into a proven solution for interoperability has resulted in Aegis' selection as the weapon system of choice in Australia, Japan, Norway, Republic of Korea and Spain.

## Proven Performance

Today's Aegis Weapon System can simultaneously attack land targets, submarines and surface ships, while automatically implementing defenses to protect the fleet against aircraft and missiles. Now in its fifteenth evolution, the Aegis Weapon System is a revolutionary system, ready to face present and future threats. Along with its transformational capabilities, it is backed by a Lockheed Martin commitment to implement an industry cooperation program optimized for in-country support of the Aegis system.

*Aegis:  
the ideal system  
for today and tomorrow*



## **Global, Mobile and Linked**

The Aegis Weapon System is at sea or part of current new ship construction programs for more than 100 ships:

### **United States Navy**

Ticonderoga-class cruisers  
Arleigh Burke-class destroyers

### **Australian Navy**

Hobart-class destroyers

### **Japanese Navy**

Kongo-class destroyers  
Atago-class destroyers

### **Norwegian Navy**

F-310 frigates

### **Republic of Korea Navy**

KDX-III destroyers

### **Spanish Navy**

F-100 frigates

Aegis-equipped ships currently in service around the globe have more than 1,200 years of at-sea operational experience and have launched more than 3,800 missiles in tests and real-world operations.

### **Lockheed Martin**

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