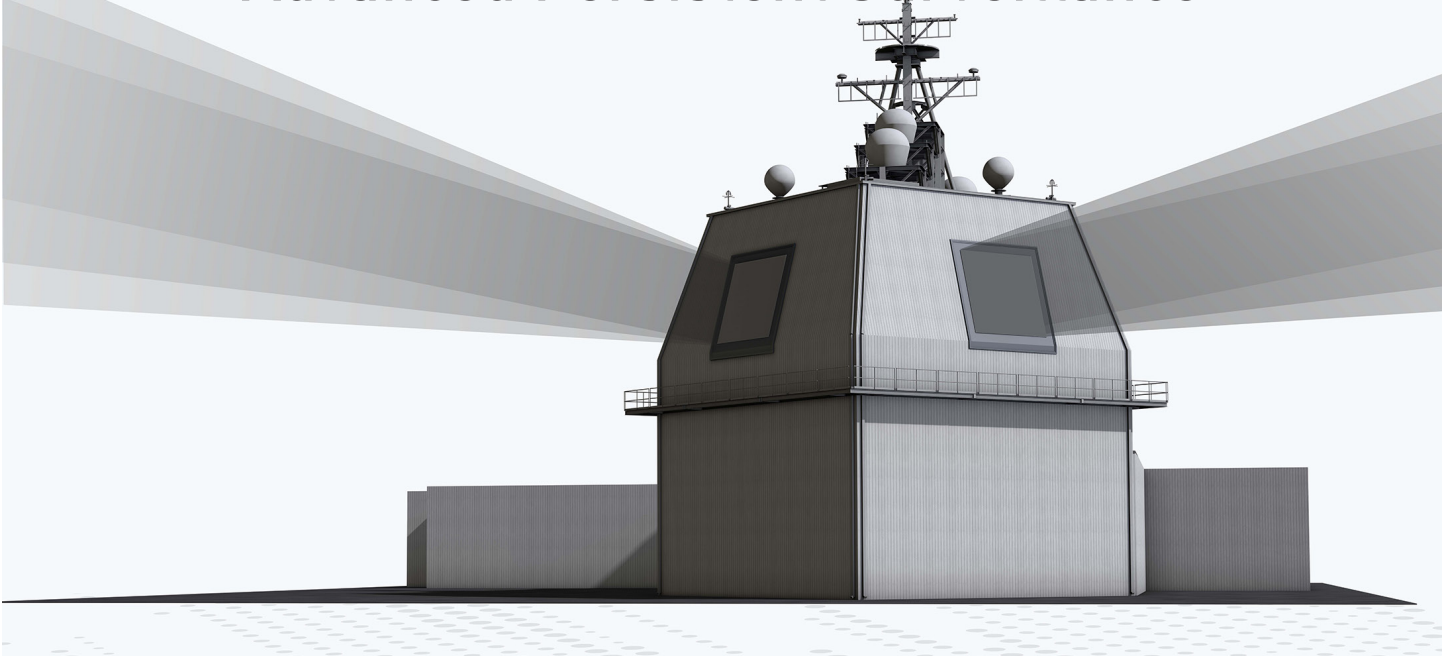


Advanced Persistent Surveillance



The land-based Aegis Combat System is built from the most sophisticated radar technology available today, called SPY-7. It provides 24x7x365 operations while allowing for simultaneous maintenance to minimize downtime. By providing advanced persistent surveillance to protect the entire nation of Japan using two land-based sites, missile defense ships are free to perform more missions at sea. The system defends the entire population with robust surveillance and detection by combining the latest Aegis baseline with the most advanced digital solid state radar.



Proven

- Builds on the highest performance, proven capability of sea-based Aegis Ballistic Missile Defense
- Uses newest generation ballistic missile defense technology, compatible with Japan's existing Aegis naval fleet for wide-scale interoperability
- Persistent surveillance, detection and discrimination provides significant coverage for Japan homeland defense
- Ships to conduct multi-mission operations in a larger patrol/maneuver area
- Utilizes proven technology based on the U.S. program of record, Long Range Discrimination Radar (LRDR)



Upgradeable

- Common Source Library (CSL) ensures the latest software updates are rapidly shared across the Aegis platforms worldwide
- Digital, future upgrades made possible on a faster timeline and at less cost



Affordable

- Equipped with SPY-7, the world's latest digital, solid state radar technology providing the best capability at the right price
- Leverages past Japan investments in Aegis ships
- Land-based system enables Japan to strengthen its missile defense capabilities without the need to build more ships



Trusted

- Interoperable with existing sea and land-based platforms for layered homeland defense
- SPY-7 radar selected by Japan in an open, head-to-head competition
- Being deployed in the U.S., Spain and Canada



Aegis has been trusted for 50 years and Lockheed Martin has a trusted history of producing, integrating, and delivering radars and combat systems. Lockheed Martin and the Aegis Combat System continue to keep pace with evolving integrated air and missile threats, introducing new capabilities to create the latest generation of advanced solid state technologies, integrated with the Aegis system, to provide world-class defense and ensure future safety and security.