

LOCKHEED MARTIN 



THAAD

Endo/Exoatmospheric Intercept Capability

THAAD

OVERVIEW

The Terminal High Altitude Area Defense (THAAD) Weapon System is a key element of the Ballistic Missile Defense System (BMDS). The system's threat set includes short-range, medium-range, and limited intermediate-range ballistic missile threats.

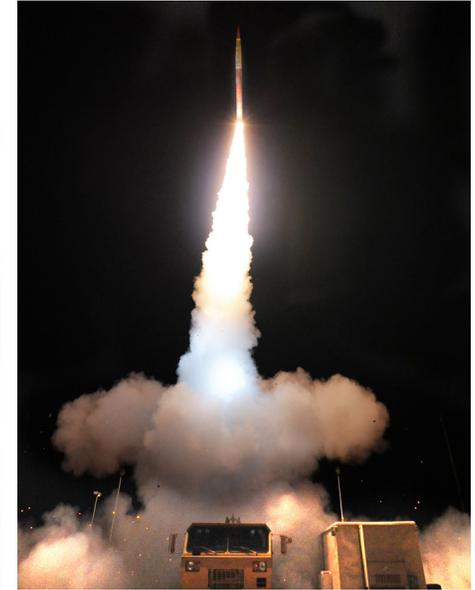
Each THAAD battery includes five major components: interceptors, launchers, a radar, a fire control unit and support equipment.

ADVANCED CAPABILITIES

- Combat proven
- Only U.S. system in the world designed to intercept a wide class of endo- and exo-atmospheric ballistic missile threats using proven Hit-to-Kill technology
- High firepower to counter mass raids with tactical reload timelines measured in minutes
- Mobile and rapidly deployable to flexibly adapt to changing threats around the globe
- Interoperable with other BMDS elements such as Patriot, PAC-3®, Aegis, forward based sensors and the Command, Control, Battle Management and Communications (C2BMC) system to enable Integrated Air and Missile Defense mission capabilities
- Recently integrated with PAC-3 Missile Segment Enhancement (MSE)



THAAD is managed by the Missile Defense Agency and operated by the U.S. Army. Lockheed Martin is the prime contractor and systems integrator.



MILESTONES

- 2022: The THAAD Weapon System is used to fire two PAC-3 MSEs to intercept a live target, proving successful integration of the two systems
- 2021: Lockheed Martin delivers the 600th THAAD interceptor
- 2020: THAAD data used in first THAAD/PAC-3 MSE Integration flight test
- 2019: The THAAD Weapon System successfully demonstrates its expanding capabilities and uses a government-developed remote launcher kit that extends the range of the defended area
- 2019: The Kingdom of Saudi Arabia joins the UAE as the second international customer to procure THAAD
- 2015: The THAAD Institutional Training Base at the U.S. Army Fires Center of Excellence opens in Fort Sill, Oklahoma
- 2013: U.S. Army deploys first operational THAAD battery to Guam
- 2011: The United Arab Emirates (UAE) becomes the first international partner to procure the THAAD Weapon System

CONTACT INFORMATION

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