

# THAAD

Endo/Exoatmospheric  
Intercept Capability



# THAAD

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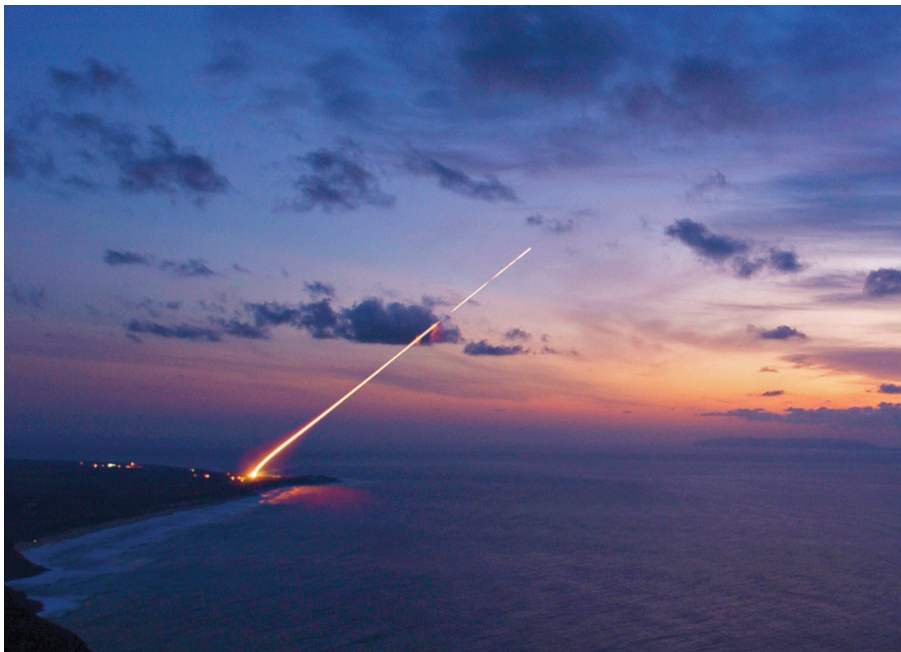
## OVERVIEW

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 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 Patriot Advanced Capability (PAC)-3 Missile Segment Enhanced (MSE) interceptors that intercepted 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 demonstrated its expanding capabilities and used a government-developed remote launcher kit that extended the range of the defended area
- 2019: The Kingdom of Saudi Arabia joined the UAE as the second international customer to procure THAAD.
- 2013: U.S. Army deploys first operational THAAD battery to Guam
- 2011: The United Arab Emirates (UAE) became the first international partner to procure the THAAD Weapon System
- Lockheed Martin has conducted new equipment replacement training for thousands of Soldiers at Fort Bliss, Texas. The THAAD Institutional Training Base at the U.S. Army Fires Center of Excellence opened in Fort Sill, Oklahoma in January 2015 and continues to train THAAD crew members and leaders.

## CONTACT INFORMATION

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