THAAD

Endo/Exoatmospheric Intercept Capability
The Terminal High Altitude Area Defense (THAAD) 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**

- Only system in the world designed to intercept a wide class of endo- and exo-atmospheric ballistic missile threats using proven Hit-to-Kill lethality.
- 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.

**MILESTONES**

- The U.S. Army activated the 7th programmed THAAD battery in 2016.
- In April 2019, Lockheed Martin delivered the 400th THAAD interceptor.
- In April 2013, the U.S. Army deployed the first operational THAAD battery to Guam, followed by a second deployment to South Korea in April 2017 to defend against regional missile threats and reinforce regional stability.
- In August 2019, the THAAD system successfully demonstrated its expanding capabilities and used a government-developed remote launcher kit that extended the range of the defended area.
- THAAD has consistently exceeded U.S. Army operational readiness standards since its deployment in the United States and in forward operational locations.
- THAAD has maintained a 100 percent mission success rate in flight testing since 2005, including 16-for-16 successful intercepts.
- The United Arab Emirates (UAE) became the first international partner to procure the THAAD system with a contract awarded in December 2011. In April 2019, the Kingdom of Saudi Arabia joined the UAE as the second international customer to procure THAAD. THAAD’s unique layered defense capabilities continue to drive strong interest in the Middle East, Asia Pacific and Europe.
- 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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