LOCKHEED MARTIN

Terminal High Altitude Area Defense (THAAD)

THAAD is designed to intercept threats both inside and outside the atmosphere in addition to providing significant mass raid capability. THAAD is combat proven and uses Hit-to-Kill technology to enable its lethal aim-point accuracy against short, medium, intermediate and limited-range Intercontinental Ballistic Missiles (ICBMS).

Core Capabilities



Lethal Aim-Point Accuracy

Engages short, medium, intermediate and limited ICBM threats with pinpoint precision.



Kinetic Hit-to-Kill

No explosive warhead - pure kinetic impact destroys incoming warheads.



Extended Range & Coverage

Remote-launch capability extends reach; Integration of PAC-3 MSE adds battlespace depth.



Atmospheric & Exo-Atmospheric Intercept

Capable of intercepting missiles both inside and outside the atmosphere.

Technology and Performance



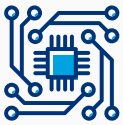
PAC-3 MSE Integration

Longer range, higher velocity, improved lethality



Integrated Battle Command System (IBCS)

Integrates THAAD capability into Army Integrated Air & Missile Defense (AIAMD) for greater awareness, operational flexibility and resilience



Ongoing Development

Software upgrades to counter emerging advanced threats

Milestones



January 2022

First combat intercept



June 2025

Combat-proven at scale to defeat unprecedented missile attacks



June 2026

Contract action to quadruple THAAD interceptor production

Highlights



Combat Support

Responsive to warfighter needs countering threats in real world environment



THAAD Partnerships

United States
United Arab Emirates
Kingdom of Saudi Arabia



Global Demand

Accelerating and expanding production; transforming and streamlining processes

Economic Impact



18,000+ direct & indirect jobs



742 Suppliers, 42 states

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