

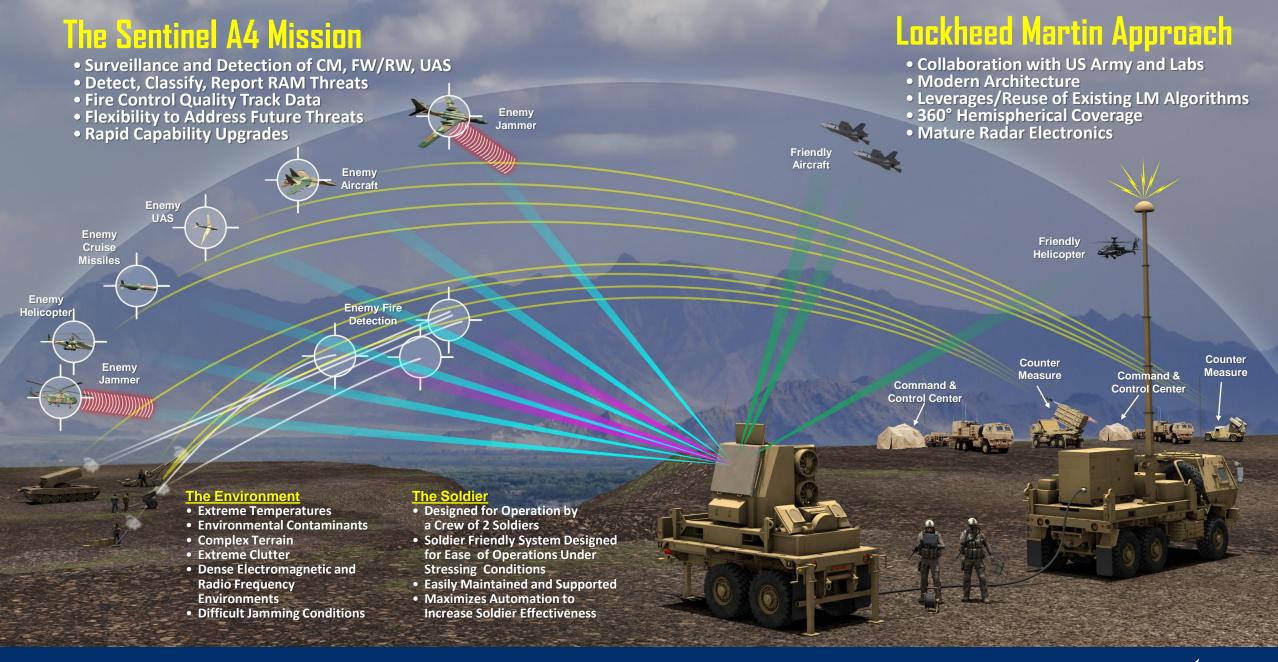
## The Lockheed Martin Sentinel A4 Radar

- Replaces Existing Sentinel AN/MPQ-64 Radars for the **US** Army
- Improves detection/performance against FW/RW/CM/UAS threats

- Adds the ability to detect Rocket, Artillery, and Mortar (RAM) threats
- Calculates RAM Point of Origin and Point of Impact

- Provides improved Electronic Protection and Combat Rapid Development: First Five (5) Systems Begin Identification for reduced engagement timelines
  - Testing in 2021

The Sentinel A4 Delivers a Modern, Flexible Architecture to the US Army



## Summary

A Real, Threat-Based Mission Need. A modern sensor that has been designed to address current and emerging Air, RAM and Cruise Missile threats

Sensor to Evolve with the Operational Environment. The next generation Sentinel A4 radar leverages recent advances in radar technology to provide a modular, scalable architecture

Mature, Low-Risk Technology. State of the Art Digital Architecture with Gallium Nitride (GaN) transmitter technology, distributed architecture concepts, and advanced signal processing techniques

The Lockheed Martin Sentinel A4: the Army's Premiere Battlefield Radar for the Next 40 Years

## LOCKHEED MARTIN