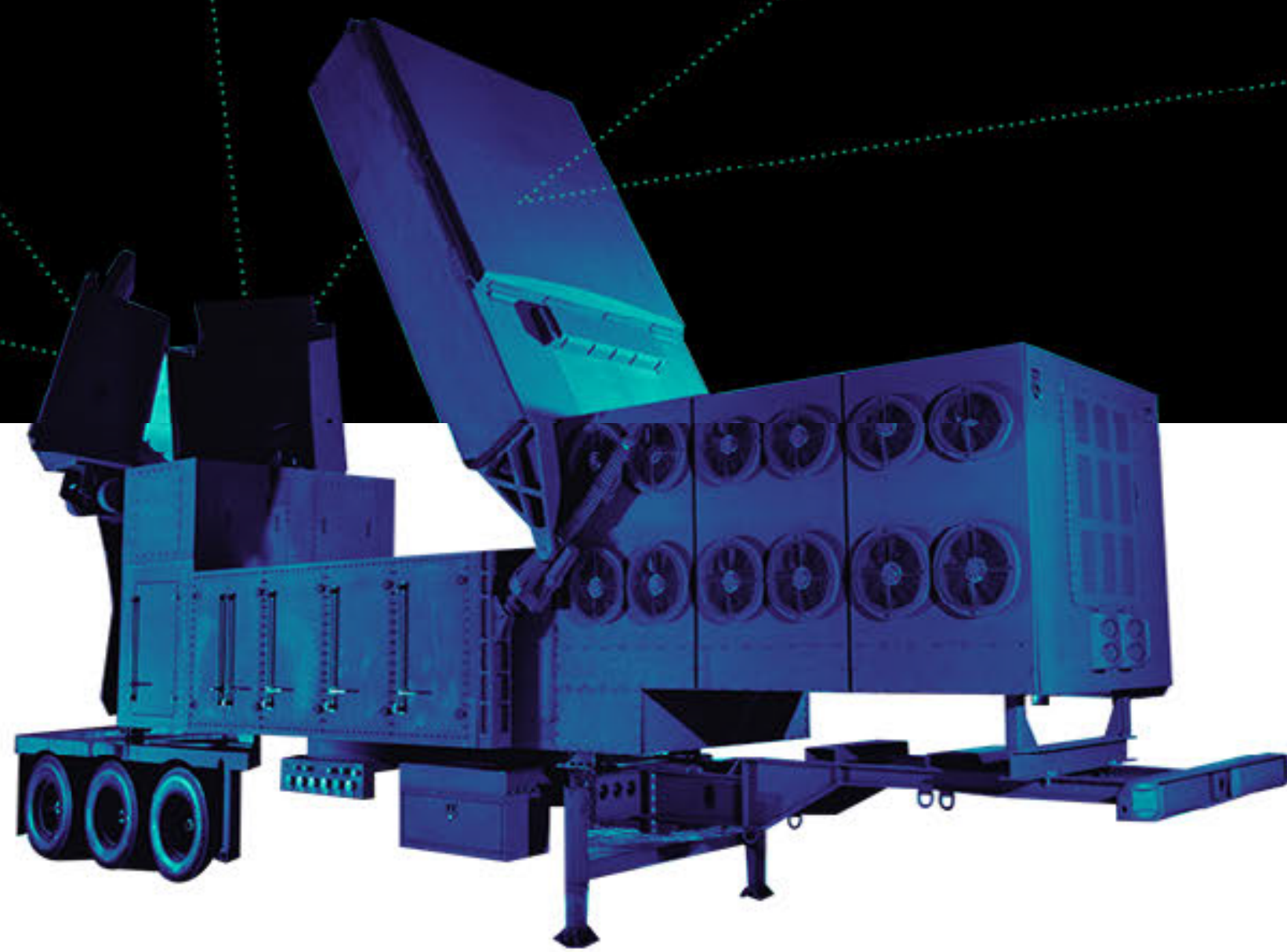


EARLY COLLABORATION TO DEFEAT SOPHISTICATED THREATS

Raytheon brings global customers the most advanced end-to-end air and missile defense systems that detect, track and intercept threats, protecting citizens, soldiers and infrastructure around the world.

A DEFENSE SYSTEM BUILT FOR THE FUTURE

Together with the U.S. Army, Raytheon Missiles & Defense (RMD) set out to build a radar that could detect and defend against complex and evolving threats, adapt to future needs and support Raytheon's proven radar processing software architecture, all while reducing the workload on operators.



LEVERAGE PROVEN SYSTEM DESIGN AND INTEGRATION EXPERTISE

RMD teamed with Mercury engineers to perform a detailed trade-off analysis of cost, performance, reliability and risk. Raytheon and Mercury engineering experts tapped into the proven system design and integration heritage of the Mercury Processing Platform to identify the best approach to combining software and hardware in a software-agnostic, scalable, high-performance system.

NEXT-GENERATION RADAR

By collaborating early in the design process, RMD and Mercury were able to build an optimal sensor that successfully met all sustainability, scalability and reliability requirements for the U.S. Army. RMD delivered the first Lower Tier Air and Missile Defense Sensor (LTAMDS) in April 2022 for testing by the U.S. Army. Defense forces of other nations have also expressed interest in the system.