

RSAF's Island Air Defence System

SEE MORE, SHOOT FURTHER & SMARTER

A multi-layered, networked, and intelligent Island Air Defence (IAD) system which integrates advanced sensors, capable weapon systems, command and control elements, and decision-making tools. Part of the capabilities of the Next-Generation Singapore Armed Forces, the Republic of Singapore Air Force (RSAF)'s IAD system can effectively neutralise a wider spectrum of air threats to protect Singapore's skies.



SEE MORE

Advanced early warning sensors such as the Multi-Mission Radar, SHIKRA Radar, Aerostat and G550-AEW can detect, identify and track air threats, from aircraft to air munitions and UAVs in a timely manner.



SHOOT FURTHER

Capable weapons systems, such as the Aster 30 and SPYDER missile system, can intercept and neutralise a wider spectrum of air threats, from aircraft to smaller targets like air munitions and UAVs, at longer ranges with greater precision.



SMARTER

Jointly developed by the RSAF and DSTA, the high resilience of the Combat Network enhances the RSAF's capabilities for 24/7 operations. The smart Combat Management System and the Decision Support Systems feature Artificial Intelligence and Data Analytics to enable faster and better decision-making to decisively neutralise threats.

