

Multi-mission sensors

The next generation in radars

Raytheon's Advanced Technology business is creating new, software-defined apertures using the full potential of the radio frequency (RF) spectrum to handle multiple missions in any domain.

Multiple missions



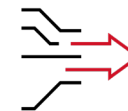
Communicate

Leverage multiple sensors to create a distributed web of coverage and coordinate with interceptors to engage threats.



Scan and track

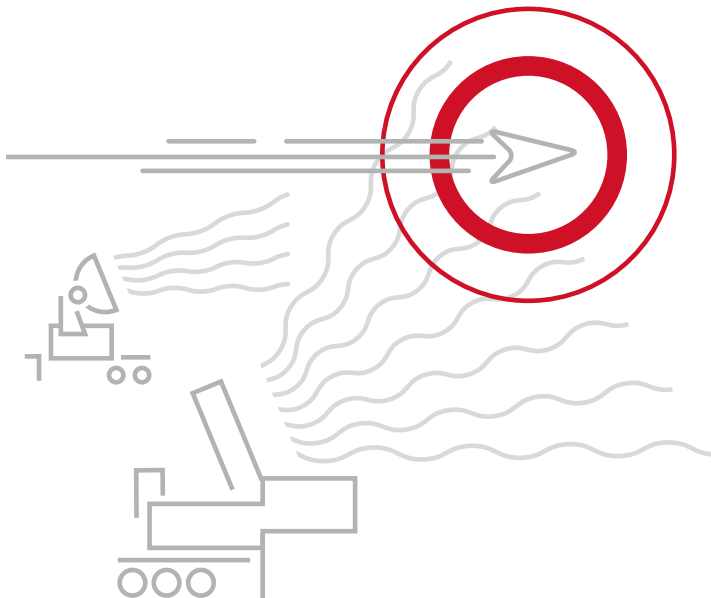
Monitor any threat, including drones, ballistic missiles and hypersonics.



Defend

Jam enemy systems and perform other types of electronic warfare with the radar's RF power.

Flexible hardware



Situationally aware

Adjusts in response to weather, elevation and electromagnetic conditions by understanding its external environment.



Unlimited upgrades

Deployable in any domain for any mission, with flexible software that can be upgraded with new apps, similar to a smartphone.



Built for power and speed

Military-grade, gallium nitride semiconductors optimize performance by conducting electrons more efficiently than silicon.