



Miniaturized Radar Systems

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Miniaturized electronics with advanced software allow for novel synthetic aperture radar (SAR) systems to be applied across mission areas.

MISSION IMPACT

- Lightweight SAR strengthened RF competencies leveraged in NW Life Extension Programs
- Numerous tactical warfare and civilian applications (e.g., intelligence, force protection in theater, damage assessment, search and rescue, nonproliferation/treaty verification)



Copperhead miniSAR mounted on a Tiger Shark UAV

Hundreds of lives have been saved since “Copperhead” miniSAR was mounted on UAV’s, providing IED detection 24/7.