



# HIGH-PERFORMANCE SAR RADAR SYSTEMS

IMSAR LLC is a global leader in the development of high-performance airborne Synthetic Aperture Radar (SAR) systems capable of all-weather imaging, monitoring, and surface search.



## WWW.IMSAR.COM

# IMSAR AT A GLANCE

Founded in 2004, IMSAR is a privately owned business that designs, builds, and supports security and intelligence products. We strive to provide manned and unmanned platforms with the best Synthetic Aperture Radar technology possible. IMSAR is dedicated to excellence in rapid technology innovation, manufacturing, and program execution; and remains committed to decreasing size and increasing the capabilities of our radars. IMSAR is currently working with multiple agencies, including the US Department of Defense and the US Department of Homeland Security to deploy new capabilities.

Located in Utah, IMSAR enjoys both beautiful scenery and access to a wide range of environmental testing opportunities due to Utah's various climate changes and ecological diversity. We are based in a 60,000 sq ft facility, which is home to our corporate office, our research and development operations, and our own in-house manufacturing.



### CHALLENGE ASSUMPTIONS

What we've achieved with our low size, weight, and power radars was once considered impossible. We haven't changed the laws of physics, but we have found new ways to solve complex problems by challenging assumptions.

### RAPID INNOVATION WITH HIGH QUALITY

Moving quickly doesn't mean sacrificing quality. A highly modular and scalable product architecture, combined with a vertically integrated team and deep relationships with suppliers and customers, allows us to rapidly innovate while maintaining high quality.





#### **DEEP RELATIONSHIPS**

Long lasting, deep relationships are built on humility and vulnerability-based trust. This applies to customers, internal team members, and with our suppliers. These relationships are built over time and are critical to ensuring the success of our customers' missions.

### IMSAR IS SEEKING TO DEMOCRATIZE RADAR BY MAKING IT MORE:

**Usable:** We continually improve designs to offer simple radar products with intuitive interfaces and effective data reduction aids.

**Dependable:** We select quality parts. Our hardware and intelligence data have proven trustworthy in the field. We offer extended warranties and long-term inventory support.

**Available:** Our systems and facilities are designed for high-volume manufacturing, short lead times, and rapid integrations. We have a vast portfolio of contract vehicles to aid procurement.

**Affordable:** We design our systems to provide robust capabilities to offer outstanding value while keeping system and sustainment costs low.

**Scalable:** Through the use of common operating radar equipment, our systems are scalable from Groups 1-5 unmanned to manned platforms. Our modular systems can be reconfigured to support custom integrations.

**Multiplicative:** Due to their low size, weight, power, cost, and standards-compliance, our radars complement other payloads, increasing mission effectiveness.



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