

High Definition Lockheed Martin Sensor Focuses On Flexibility

Lockheed Martin introduces new modular sensor to the mid-size turret market

ORLANDO, Fla., Oct. 13, 2014 /PRNewswire/ -- Lockheed Martin (NYSE: LMT) has developed a new high definition 15-inch sensor system called [INFIRNO](#)™. The sensor system's modular components can be removed and replaced in the field to meet changing mission requirements and reduce operation and maintenance costs.

INFIRNO is a turret-mounted system with high performing optical sensors that enable users to identify, track and engage multiple targets at long range and conduct intelligence, surveillance and reconnaissance missions.

Unlike conventional 15-inch sensor systems, INFIRNO is truly modular, which allows users to upgrade system components and perform field maintenance without removing the sensor from the vehicle, aircraft or vessel on which it is installed. This modularity reduces the need to transport entire systems to offsite locations for technology upgrades or repair and keeps critical mission capability in the hands of the warfighter.

"We developed INFIRNO to meet the evolving operational needs of our customers," said Dana Rocca, turreted systems program director at Lockheed Martin Missiles and Fire Control. "The system's nine line replaceable units allow our customers to reduce overall life cycle cost and improve operational readiness and mission capability as new technology becomes available."

INFIRNO, named for its high definition infrared sensor, was developed through Lockheed Martin internal investment. It combines proven sensor technology with lessons learned from designing and manufacturing more than 4,900 electro-optical infrared sensors, such as the U.S. Army's Apache targeting and pilotage sensor ([M-TADS/PNVS](#)), the U.S. Air Force's [Sniper Advanced Targeting Pod](#) and the U.S. Marine Corps' [AH-1Z Target Sight System](#).

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 113,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation's net sales for 2013 were \$45.4 billion.

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