



JULY 2020

Breakthrough Performance...
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Wideband RF Signal Recorders | Rugged 1/2 ATR | Built for SWaP



Optronic sensor tech for U.S. Navy subs to be supplied by L3 KEO

LISA DAIGLE, ASSISTANT MANAGING EDITOR

L3 KEO, a subsidiary of L3Harris Technologies, will develop and test an optronic sensor technology for U.S. Navy submarines under the terms of a potential five-year, \$135.8 million contract.

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RFCMs to be supplied to Special Ops by Sierra Nevada Corp.

EMMA HELFRICH, ASSOCIATE EDITOR

Sierra Nevada Corp. (SNC) won a \$700 million contract this week to supply Radio Frequency Countermeasure (RFCM) systems for U.S. Special Operations Command, according to the Pentagon.

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Intelligence suites to be integrated for a Navy in Southeast Asia

EMMA HELFRICH, ASSOCIATE EDITOR

Elbit Systems announced that it was awarded a contract valued at approximately \$53 million to provide and integrate intelligence suites onboard vessels of the Navy of a country in Southeast Asia. The contract will be performed over a two-year period.

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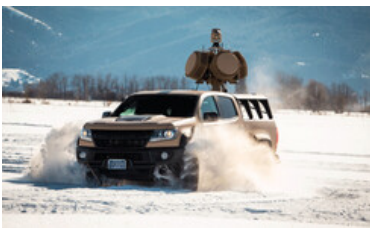
6U VPX FPGA Board Captures the Entire Spectrum 100% of the Time



The [WILDSTAR 6XBU](#) utilizes 3 UltraScale+ FPGAs and 100GbE capability to deliver ultra-wide bandwidth digitization and processing in a single 6U VPX board.

It is SOSA-aligned and made in USA.

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Counter-UAS system from Ascent Vision Technologies chosen by Thailand defense agency

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Ascent Vision Technologies (AVT) has won a contract with Thailand's Defence Technology Institute (DTI) to supply the AVT eXpeditionary Mobile Air Defense Integrated System (X-MADIS), which is a portable system intended to protect critical assets against hostile small unmanned aerial systems (UASs).

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Counterspace security market to reach \$8.95 billion globally by 2025, study says

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The counterspace security market -- defined by the U.S. Air Force as those missions that integrate defensive and offensive operations to attain and maintain the desired control and protection in and through space -- is anticipated to reach \$8.95 billion by 2025, according to a recent report by BIS Research, "Global Counterspace Security Market, 2020-2025."

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Eurofighter ESCAN radars to be integrated under Airbus contract

EMMA HELFRICH, ASSOCIATE EDITOR

Airbus has won a contract for the development, supply,



and integration of 115 Eurofighter ESCAN Radars for the German and Spanish Eurofighter fleet. According to the company, it marks the largest order for the electronically scanned array radar, Captor-E, thus far. The contract signature followed the approval by both governments in recent weeks.

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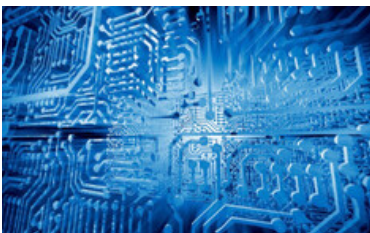


GaN-based missile defense radars to be produced under Raytheon contract

EMMA HELFRICH, ASSOCIATE EDITOR

Raytheon Missiles & Defense, a Raytheon Technologies business, received a \$2.3 billion U.S. Missile Defense Agency production contract for seven gallium nitride (GaN)-based AN/TPY-2 radars as part of the Terminal High Altitude Area Defense (THAAD) system, which is designed to protect against incoming ballistic missile threats.

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Radar SiP contract announced by Mercury

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Mercury Systems has signed a \$3.9 million multiphase contract award with a leading defense prime contractor for the development of a high-density system-in-package (SiP) solution for radar systems using its 2.5D chipscale integration technology.

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UAS enhancements demonstrated by GA-ASI

LISA DAIGLE, ASSISTANT MANAGING EDITOR

General Atomics Aeronautical Systems, Inc. (GA-ASI) recently demonstrated several expanded automatic takeoff and landing capability (ATLC) enhancements on the MQ-9A Reaper unmanned aerial system (UAS) as part of the ongoing U.S. Air Force contract for MQ-9A modernization.

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DARPA's Automatic Implementation of Secure Silicon program selects Synopsys

EMMA HELFRICH, ASSOCIATE EDITOR

Synopsys, Inc. announced that the Defense Advanced Research Projects Agency (DARPA) has selected Synopsys as a prime contractor for the Automatic Implementation of Secure Silicon (AISS) program. According to the company, the program's goal is to automate the inclusion of scalable hardware security mechanisms in IP and system-on-chips (SoCs) to explore security versus other design trade-offs.

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Radar-processor retrofits for E-2D Hawkeye aircraft awarded to Lockheed Martin

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Lockheed Martin has won a firm-fixed-price order from the U.S. Naval Air Systems Command (NAVAIR) -- worth \$22.43 million -- to acquire and retrofit 12 advanced radar-processor systems for the Navy's E-2D Advanced Hawkeye airborne early-warning and control aircraft.

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High-density, secure memory device in production with Mercury Systems

EMMA HELFRICH, ASSOCIATE EDITOR

Mercury Systems, Inc., company specializing in mission-critical technologies for aerospace and defense, announced volume production of its newest, high-density (HD) secure memory device, with the most capacity in

the smallest form factor available, according to the company.

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