



AUGUST 2020

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

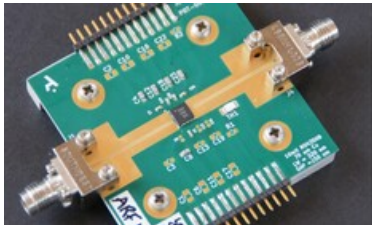


Radar to equip Bundeswehr counter-UAS system

EMMA HELFRICH, ASSOCIATE EDITOR

As part of the German Army's qualified air defense drone defense program, sensor specialist HENSOLDT is supplying the latest version of its Spexer 2000 3D radar to system integrator Kongsberg Defence & Aerospace.

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RF solutions for radar and EW from Altum RF to debut at IMS 2020

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Altum RF — an Eindhoven, Netherlands-based supplier of RF to millimeter-wave semiconductor solutions — is introducing several new products at the virtual IMS 2020 conference that are aimed at use in radar, electronic warfare (EW), and test and measurement applications.

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Electronic warfare capabilities to equip AC/MC-130J aircraft

EMMA HELFRICH, ASSOCIATE EDITOR

Northrop Grumman Corporation has been selected to provide the prime mission equipment for the Sierra Nevada Corporation-led AC/MC-130J Radio Frequency Countermeasure (RFCM) program.

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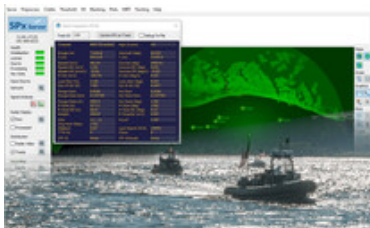


SOSA-aligned multiprocessor for demanding applications announced by Abaco

EMMA HELFRICH, ASSOCIATE EDITOR

Abaco Systems announced the IPN254, a rugged fourth generation 6U OpenVPX/SOSA aligned heterogeneous multiprocessor solution that leverages Abaco's partnership relationships.

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Radar-integration tool tested on U.S. Navy autonomous surface vessels

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Radar-integration company Cambridge Pixel and maritime-autonomy contractor Spatial Integrated Systems (SIS) report successful trials of a suite of complementary and interdependent systems aiming at increased maritime autonomy and radar integration on U.S. Navy autonomous surface vessel (ASVs).

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UFOs and the kill web

RAY ALDERMAN, VITA TECHNOLOGIES

In late 2013, Combat Aircraft Monthly magazine published an article about the Iranian military's encounters with UFOs (Unidentified Flying Objects). The article states that in November 2004 and again in January 2012, the Iranian Air Force scrambled their fighter planes to intercept unidentified aircraft flying over their secret nuclear facilities.

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Multimode radar gets initial flight on Leonardo M-346 fighter aircraft trainer

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The operational version of the Leonardo M-346 Fighter Attack aircraft equipped with an optimized variant of Leonardo's Grifo radar recently completed a successful initial flight, the company reports.

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1st AN/SPY-6 radar array delivered to US Navy's newest guided-missile destroyer

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Raytheon Missiles & Defense reports delivery of the first AN/SPY-6(V)1 radar array for installation on the future USS Jack H. Lucas (DDG 125), the U.S. Navy's first Flight III guided-missile destroyer.

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Navy orders \$11.7 million worth of digital RF jammers from Mercury Systems

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Mercury Systems has received \$11.7 million in orders against its previously announced \$152 million five-year sole-source basic ordering agreement (BOA) to deliver advanced digital RF memory (DRFM) jammers to the U.S. Navy.

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OpFires program charts another milestone in quest for ground-launched hypersonic missile

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Aerojet Rocketdyne reports successful completion of its second series of propulsion-system tests in support of the Operational Fires (OpFires) program, a project spearheaded by the Defense Advanced Research

Projects Agency (DARPA) to develop a ground-launched tactical hypersonic missile.

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Precision-guidance system contract for U.S. Army signed with BAE Systems

LISA DAIGLE, ASSISTANT MANAGING EDITOR

BAE Systems has signed a \$33 million multiyear contract with the U.S. Army to further develop its Long Range Precision Guidance Kit (LR-PGK) for 155 mm artillery shells, which will enable the Army to take advantage of BAE Systems' enhanced antijam GPS-based navigation and antenna array aimed at improving long-range precision strikes in challenging electromagnetic environments.

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U.S. Navy guided-missile destroyers will get phased-array antenna capabilities

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Ball Aerospace has been chosen by the U.S. Department of Defense's Defense Innovation Unit (DIU) to develop a prototype of a new multiband, low-observable satellite communications antenna that will be installed on the U.S. Navy's newest stealth-enabled ships, the DDG 1000 Zumwalt-class destroyers.

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