



JUNE 2020

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



Directed-energy weapons systems market to reach \$4.02 billion by 2030, study says

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The global market for directed-energy weapons systems will reach \$4.02 billion by 2030, at a CAGR of 18.15%, according to a new market study from BIS Research, "Global Directed Energy Weapon Systems Market – Analysis and Forecast 2020-2030."

[Read More +](#)



Ground-based laser rockets get initial successful test

LISA DAIGLE, ASSISTANT MANAGING EDITOR

BAE Systems reports that it successfully completed test shots of its APKWS [Advanced Precision Kill Weapon System] laser-guided rockets from a tactical configuration ground-based weapon system for the first time. The ground-launch capability, says the company, builds on hundreds of successful shots during combat from rotary- and fixed-wing aircraft.

[Read More +](#)



Wearable sensor system for military toxins exposure wins defense contract

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Intelligent biosensor/digital health provider PercuSense

has won a contract worth \$4.6 million from the U.S. government's Defense Threat Reduction Agency (DTRA) and the Defense Innovation Unit (DIU) to develop a continuous monitoring platform for warfighters that enables early detection of toxic chemical exposure.

[Read More +](#)



Anti-jam modem program to be supported by Comtech

EMMA HELFRICH, ASSOCIATE EDITOR

Comtech Telecommunications Corp. announced that during its third quarter of fiscal 2020, its Tempe, Ariz.-based subsidiary, Comtech EF Data Corp., which is part of Comtech's Commercial Solutions segment, received a \$4.7 million contract for engineering services from a large prime U.S. Department of Defense (DoD) contractor to support a critical Air Force and Army Anti-jam Modem (A3M) program under the U.S. Space Force's Space and Missile Systems Center (SMC).

[Read More +](#)



Litening 5, Reccelite Airborne EO systems delivered to undisclosed Air Force

EMMA HELFRICH, ASSOCIATE EDITOR

RAFAEL Advanced Defense Systems announced that it has been awarded a contract to supply 5th generation Litening and Reccelite airborne electro-optical systems for installation on a combat platform of an undisclosed air force.

[Read More +](#)



Laser Weapon System Demonstrator tested by U.S. Navy

EMMA HELFRICH, ASSOCIATE EDITOR

Amphibious transport dock ship USS Portland (LPD 27) disabled an unmanned aerial vehicle (UAV) with a Solid State Laser - Technology Maturation Laser Weapon System Demonstrator (LWSD) MK 2 MOD 0 on May 16 in a U.S. Navy test.

[Read More +](#)



Countermeasures system to equip KC-130J planes

EMMA HELFRICH, ASSOCIATE EDITOR

BAE Systems announced a \$26.7 million U.S. Navy contract to fit its infrared countermeasures system onto KC-130J cargo and refueling planes, the company said. The contract calls for the installation of the Navy's Large Aircraft Infrared Countermeasures system (LAIRCM) the aircraft.

[Read More +](#)

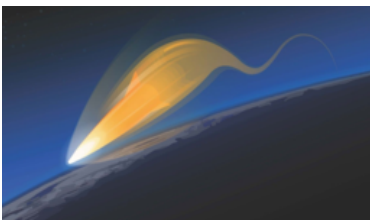


HD55 gimbaled camera system tested for tactical UASs

EMMA HELFRICH, ASSOCIATE EDITOR

Trillium Engineering, company specializing in gimbaled camera systems for small unmanned aircraft systems (UAS), announced that it has begun airborne testing of its lightweight, high-definition HD55 system.

[Read More +](#)



Hypersonic facility for U.S. Army now in development

EMMA HELFRICH, ASSOCIATE EDITOR

Construction of the Bush Combat Development Complex is set to begin this fall after The Texas A&M University System Regents cast three votes to help transform how the U.S. Army prepares for future combat. Regents voted to amend the system's capital budget, adding \$79.3 million to begin development.

[Read More +](#)



Next Generation Jammer Low Band team adds CPI Aero

EMMA HELFRICH, ASSOCIATE EDITOR

Northrop Grumman Corporation has expanded its Next Generation Jammer Low Band (NGJ-LB) Capability Block 1 (CB-1) solution team with the addition of proven structure supplier CPI Aero, Inc. based in Edgewood, N.Y.

[Read More +](#)



Compact data and I/O concentrator released by Abaco

EMMA HELFRICH, ASSOCIATE EDITOR

Abaco Systems announced a new solution with the EIU1000. The product is an I/O aggregator and data concentrator that combines high-density Ethernet, Avionics databus, serial, and discrete I/O connections in a compact, rugged system powered by a high-performance System-on-Chip (SoC) to reducing wiring, overall system weight, and complexity.

[Read More +](#)



PODCAST: AI and signal processing trends in electronic warfare and radar applications

JOHN MCHALE, EDITORIAL DIRECTOR

In this podcast, Haydn Nelson, Principal Marketing Manager for Wireless Prototyping Deployment at National Instruments, discusses with me how AI can benefit the warfighter through embedded signal processing applications as well as the impact open architecture initiatives such as the Sensor Open Systems Architecture (SOSA) have on military technology development. He also talks about test and measurement solutions fit into this ecosystem.

[Read More +](#)

Technology

Sponsored by: ADLINK, Aitech, Mercury Systems

Date: June 16, 11:00 a.m. ET

[REGISTER NOW](#)

