Engineering integrity into critical data-rate connectivity
GREGORY POWERS, W.L. GORE & ASSOCIATES, INC

Think about the anxious feeling you get when you’re doing a presentation for an important audience and your laptop freezes. Now imagine you’re a pilot flying above contested territory and relying upon cutting-edge defensive systems to protect your mission, your team, and yourself.

EW simulation, training contract signed between Northrop Grumman and U.S. Air Force
LISA DAIGLE, ASSISTANT MANAGING EDITOR

Northrop Grumman Corp. and the U.S. Air Force have signed a $450 million indefinite delivery/indefinite quantity (ID/IQ) contract stipulating that Northrop Grumman will deliver its Joint Threat Emitter (JTE) anti-electronic warfare (EW) training systems to the Air Force.

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DARPA hosts preliminary competition before SC2 grand finale

MARIANA IRIARTE, TECHNOLOGY EDITOR

Defense Advanced Research Projects Agency (DARPA) officials held a second preliminary event of the Spectrum Collaboration Challenge (SC2) in December. Fifteen teams represented by members from across the academic, commercial, and defense industries...

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Phase two of active protection system for Bradley Fighting Vehicle to proceed as planned

LISA DAIGLE, ASSISTANT MANAGING EDITOR

General Dynamics Ordnance and Tactical Systems (GD-OTS) -- together with Elbit Systems and a team from IMI -- will move forward with Phase II of the Iron Fist Light (IFL) Active Protection System (APS) for the Bradley Fighting Vehicle following the announcement of a positive Army Requirements Oversight Council (AROC) decision.

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IR countermeasures contract signed between Northrop Grumman, U.S. Air Force

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Northrop Grumman has received an initial $2.4 million task order for logistics support services from the U.S. Air Force, the first portion of a $3.6 billion indefinite delivery/indefinite quantity (ID/IQ) award for Large Aircraft Infrared Countermeasure (LAIRCM) systems and support.

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U.S. Navy SPY-6 integration and support contract won by Raytheon
MARIANA IRIARTE, TECHNOLOGY EDITOR
U.S. Navy officials tapped Raytheon for air and missile defense radar AN/SPY-6(V) integration and production support efforts. The cost-plus-fixed fee, firm-fixed-price contract is worth approximately $114 million.

VITA 57.4: FMC+
JERRY GIPPER, VITA EDITORIAL DIRECTOR
Field-programmable gate arrays (FPGAs) are utilized in many applications, with the range expanding as new variations of FPGAs emerge. By design, FPGAs are easily reconfigured as application needs change.

Ground sensors market to register CAGR over 6 percent to 2022, says report
LISA DAIGLE, ASSISTANT MANAGING EDITOR
Miniaturization of parts and components is identified as a key trend fueling the growth of the unattended ground sensors (UGS) market, forecast to grow by over $102.5 million by 2022, according to a new report from Technavio, “Global Unattended Ground Sensors Market 2018-2022.”
C4ISR systems and the kill web
RAY ALDERMAN, VITA STANDARDS ORGANIZATION

In previous articles, we looked at the market research reports and forecasts for fighter planes, bombers, helicopters, unmanned aerial vehicles (UAVs), and ground combat vehicles. All those platforms contain C4ISR systems (command, control, computers, communications, intelligence, surveillance, and reconnaissance). The openly available data about this market is much foggier than the information on the military platform markets.

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Long-range missile delivered to U.S. Navy ahead of schedule

LISA DAIGLE, ASSISTANT MANAGING EDITOR;

Lockheed Martin reports delivery of the first Long Range Anti-Ship Missiles (LRASM) to U.S. Air Force operational units, achieving Early Operational Capability (EOC) status ahead of schedule.

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