Cyberwarfare: Battlefield precursor for kinetic attacks?
SALLY COLE, SENIOR EDITOR

The cyber domain is playing a more visible role in offensive military operations, but serious vulnerabilities exist within weapons systems that must be addressed today to avoid being rendered useless via cyberattacks during future battles.

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U.S. Army tanks to be equipped with better cybersecurity
EMMA HELFRICH, ASSOCIATE EDITOR

Charles River Analytics Inc., developer of intelligent systems solutions, has received funding from U.S. Army to develop a Controller Area Network Defense in Depth (CANDID) custom hardware/software solution. CANDID can help analysts detect cybersecurity breaches in tanks that rely on vulnerable commercial protocols and electronic systems.

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Cyberthreat assessment tool contract signed between USAF, Radiance Technologies
LISA DAIGLE, ASSISTANT MANAGING EDITOR

Cyberengineering firm Radiance Technologies has won a potential five-year, $99.9 million contract to design, build, develop, and integrate a set of tools and models for the U.S. Air Force to use in the assessment of cyber
vulnerabilities on Internet of things-based devices and other distributed systems.

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Cyberspace operations contract won by SAIC
EMMA HELFRICH, ASSOCIATE EDITOR
Science Applications International Corp. (SAIC) won a $14 million contract with Naval Information Warfare Center Pacific supporting the U.S. Marine Corps Forces Cyberspace Command to provide full spectrum cyberspace support.

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USAF classified-network cyber modernization contract going to Perspecta
LISA DAIGLE, ASSISTANT MANAGING EDITOR
Perspecta Inc. has won the Secret Internet Protocol Router Network (SIPRNet) Enterprise Modernization program from the United States Air Force Enterprise Information Technology and Cyber Infrastructure Division of the Command, Control, Communications, Intelligence and Networks (C3I&N) Program Executive Office (PEO).

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The big data battlefield
RICHARD WHALEY, MERCURY SYSTEMS

Market-intelligence firm IDC predicts that the sum of the world’s collective data, estimated at 33 zettabytes currently, will eclipse 175 zettabytes by 2025. That’s equivalent to forty billion pounds of common one-terabyte storage disks. Intelligence and military applications rely on massive data pipelines to drive intelligence gathering and mission-critical decision-making. The speed at which the warfighter is able to collect, process, analyze, and understand data directly impacts mission success.

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Virtual software factory for military developed by Raytheon
EMMA HELFRICH, ASSOCIATE EDITOR

To help military and government agencies keep pace with rapidly evolving threats, Raytheon has developed a virtual software factory—a mix of physical coding spaces, cloud-based tools, and software experts—to deliver new capabilities to the military.

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