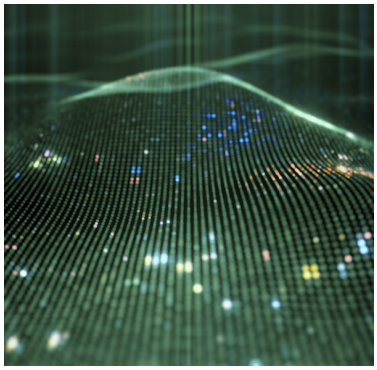
MILITARYAI

NOVEMBER 2018

Military AI brought to you by the editors of Mil-Embedded.com focuses on artificial intelligence technology in the defense and aerospace domain, bringing readers coverage on machine learning, neural networks, and deep learning techniques leveraged in military and aerospace applications.



AI and military RF systems

BEN HILBURN DEEPSIG, INC. & MANUEL UHM ETTUS RESEARCH/NATIONAL INSTRUMENTS (NI)

Advances in artificial intelligence (AI) are enabling significant leaps in science and technology, including the fields of digital signal processing (DSP) and radio frequency (RF) systems. Methods nominally labeled as "AI" have been applied to radio systems for decades, but...

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Drone AI challenge launches via Herox platform, global participants encouraged

MARIANA IRIARTE, TECHNOLOGY EDITOR

Lockheed Martin's AlphaPilot Innovation Challenge has officially launched through the HeroX platform and is accepting applications in the U.S. and around the world, officials announce. Deadline for entires is February 28, 2019.

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Raytheon

Data automation, analytics, AI capabilities at core of Raytheon's contracts with NGA

MARIANA IRIARTE, TECHNOLOGY EDITOR

Officials at the National Geospatial Intelligence Agency selected Raytheon for two Indefinite Delivery/Indefinite Quantity (ID/IQ) contracts to develop advanced data automation, analytics and artificial intelligence (AI)

capabilities. The contracts have a potential combined total value of up to $600 million.

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Computational model to predict human behavior developed by U.S. Army lab

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Researchers at the U.S. Army Research Lab (ARL) have developed for the first time an analytic model to show how groups of people influence individual behavior.

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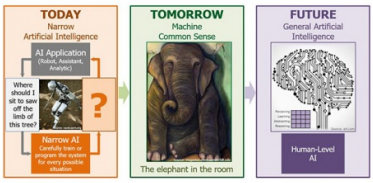

DARPA program seeks to teach machines common sense

LISA DAIGLE, ASSISTANT MANAGING EDITOR

The Defense Advanced Research Project Agency (DARPA) has launched the Machine Common Sense (MCS) program to explore recent advances in cognitive understanding, natural language processing, deep learning...

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NGA tasks DAC to implement machine learning algorithms for analytics program

MARIANA IRIARTE, TECHNOLOGY EDITOR

Officials at the National Geospatial-Intelligence Agency (NGA) awarded DECISIVE ANALYTICS Corp. (DAC) a contract to implement semantic machine learning

algorithms for the Advanced Geospatial Analytics program.

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Meeting Military Data Signal Analysis Imperatives

Sponsored by: ADLINK Technology, LCR Embedded Systems
Date: December 13, 2:00 p.m. ET
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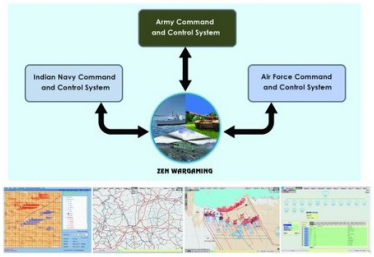

Bringing data analytics, AI, ML to combat training

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Training-services company Zen Technologies USA (Washington, D.C.) will partner with Paladin AI (Montreal, Canada) to develop technology that brings adaptive training to combat training systems.

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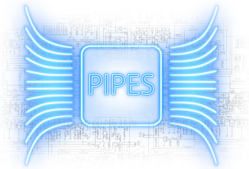

DARPA dives into developing high-bandwidth optical signaling technologies

MARIANA IRIARTE, TECHNOLOGY EDITOR

Officials at the Defense Advanced Research Projects Agency (DARPA) are launching a new program called Photonics in the Package for Extreme Scalability (PIPES), which aims to enable future system scalability by developing high-bandwidth optical signaling technologies for digital microelectronics.

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WHITE PAPER

Accelerated Genomic Analysis ? Applying Massive Parallel Computing to Genomics Secondary Analysis

SKYSCALE

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