BUDGET OVERVIEW

Modernization, procurement highlights from DoD FY 2019 budget request

JOHN MCHALE, EDITORIAL DIRECTOR

Funding requested for Department of Defense (DoD) Major Defense Acquisition Programs (MDAPs) for Fiscal Year (FY) 2019 totals $92.4 billion, accounting for 33 percent of the Trump administration's Procurement and Research, Development, Test, and Evaluation (RDTandE) funding request for the Department of Defense (DoD) of $236.7 billion.

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MILITARY EMBEDDED SYSTEMS UPDATE

Join Military Embedded Systems at Xponential 2018

MILITARY EMBEDDED SYSTEMS

AUVSI's Xponential, taking place April 30th - May 3rd at the Colorado Convention Center, brings more than 8,500 industry leaders together focusing on unmanned vehicle technology. Military Embedded Systems if providing full coverage of the embedded electronics fueling unmanned aerial vehicles (UAVs), unmanned ground vehicles (UGVs), unmanned surface vehicles (USVs), and unmanned undersea vehicles (UUVs) at the show.

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INDUSTRY SPOTLIGHT

Choosing the optimal software solution for long-life unmanned systems

JEREMY VANDOMELEN & BENJAMIN M. BROSGOL, ADACORE

Defense platforms are expected to perform over a long operational life that can span several decades. Developing high-reliability, safety-critical software that is built to last requires comprehensive tools from trusted industry partners.

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INDUSTRY SPOTLIGHT

The need for speed: Avionics connectors evolve to meet today’s bandwidth requirements

MARIANA IRIARTE, TECHNOLOGY EDITOR

The constant push for increased bandwidth requirements mean that avionics engineers must continually design connectors that handle ever-higher data rates. As connector designs focus more squarely on data rates, all kinds of users are asking for the most cutting-edge technology - all within a small package.

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PERSPECTIVES

Speeding up DoD acquisition process and increased COTS use among primes

JOHN MCHALE, EDITORIAL DIRECTOR

In the following Q and A with Rich Sorelle, president and chief executive officer (CEO) of Abaco Systems, he discusses how technology needs to get into the hands of warfighters more quickly, the best application bets for COTS suppliers with the increases to the DoD budget, and why prime contractors are choosing COTS more and more for their embedded computing needs. Sorelle also covers his company’s recent reorganization.

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Two big news items have occurred since our last issue. The first is that under The Open Group, the Sensor Open Systems Architecture (SOSA) standard began the process to establish itself as its own consortia. The second is the end-of-the-year Mercury Systems’ announcement that they were acquiring Themis Computer.

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