EXECUTIVE INTERVIEW

Ensuring navigation in GPS-denied environments

SALLY COLE, SENIOR EDITOR

In this Q&A with Troy Brunk, vice president and general manager of Communication, Navigation and Electronic Warfare Solutions for Rockwell Collins Government Systems, he discusses this trend, the history of GPS technology, improvements in Galileo Global Navigation Satellite System (GNSS) solutions, leveraging M-code, and more. Edited excerpts follow.

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UNIVERSITY UPDATE

Next-gen 'Internet of Battlefield Things' on the way

SALLY COLE, SENIOR EDITOR

In the not-too-distant future, humans and smart technology may merge to function as a cohesive network, providing warfighters with "extrasensory" perception in terms of battlespace situational awareness, prediction powers, and risk assessment.

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FIELD INTELLIGENCE

Making COTS great again
CHARLOTTE ADAMS, ABACO SYSTEMS

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MIL TECH TRENDS

Mission-critical power start-up demands perfect performance every time

DAVID BERRY, VICOR CORP.

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Introduces USB Device with Twelve Vocoder Channels

Annapolis Micro Systems
Ultra-Low Latency DRFM-Optimized Mezzanine Cards
MIL TECH TRENDS

Battlefield servers demand design for heat, spares, and application portability

CHRIS A CIUFO, GENERAL MICRO SYSTEMS

Freezing conditions at 40,000 feet; scorching heat in the Middle East. These are the world’s battlefields for rugged servers.

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Truly rugged and proven reliable: VITA 47 and beyond

AARON FRANK & IVAN STRAZNICKY, CURTISS-WRIGHT DEFENSE SOLUTIONS

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