

## Focus on C4ISR Capabilities

This edition of *Army AL&T Magazine* highlights the U.S. Army Communications-Electronics Command (CECOM) Life Cycle Management Command (LCMC) and Program Executive Office Command, Control, and Communications Tactical (PEO C3T). Both of these organizations are part of Army Team Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR).

In the article *CECOM LCMC — Past, Present, and Future Sights Fixed on Soldiers*, Timothy L. Rider describes the history of Fort Monmouth, NJ, and the CECOM LCMC, as well as the diverse group of organizations that Fort Monmouth hosts today that are responsible for maximizing C4ISR capabilities for our Nation's warfighters. The heart of Army Team C4ISR, CECOM LCMC works with all the Army Team C4ISR organizations and looks at capabilities from a total enterprise perspective for the Army.

Joshua Davidson's article, *Unit Set Fielding (USF) — Bringing Army Digitization to 112 Combat Formations*, discusses PEO C3T's 5-phase USF process. PEO MG Nickolas G. Justice explains that as the Army started rotating units into the combat theater in support of the global war on terrorism (GWOT), it became obvious that the Army needed to create repeatable processes and lean them so that digitization could be spread across the Army. Through the USF phases, the Army and CECOM LCMC organizations simultaneously provide warfighters with capabilities they need to perform their combat mission.

Learn about the 2-month Initial Operation Test and Evaluation of PEO C3T's Project Manager Warfighter Information Network-Tactical (WIN-T) Increment One in Jason Bock's article, *WIN-T Increment One Gains Valuable User Feedback*. The WIN-T Increment One system provides Soldiers with a high-capacity, reliable, secure communications network at the quick halt.

To maneuver and plan one's course on the battlefield, today's commander uses a vast range of digital systems, notes Joshua Davidson in his article, *Technological Revolution Spurs From Army Tradition*, about PEO C3T's staff rides through various battlefields of the Revolutionary War. The purpose of these staff rides is to help commanders and staff officers confront the realities of terrain, fatigue, and the tactical scenario. The insight gained allows participants to ask more pointed questions about requirements of the systems they are charged with developing and fielding.

*Army AL&T Magazine* team members Kellyn D. Ritter, Whitney F. Pyle, and Jaelyn Pitts provide highlights of several panels from the 2008 Association of the United States Army Annual Meeting and Exposition in Washington, DC, which took place in October.

- *Army Modernization — How the Army Is Visualizing the Objective Force and Bringing Capabilities to the Soldier* describes modernizing the Current Force to prepare for the challenges of the Future Force. The panel was led by LTG Stephen M. Speakes, Deputy Chief of Staff, G-8.

- *ARFORGEN — Continuing to Enhance the Model and Process* describes how the Army Force Generation model has matured and progressed since it was created more than 2 years ago. The ARFORGEN panel was led by GEN Charles C. Campbell, Commanding General (CG), U.S. Army Forces Command. The article covers reset, manning, equipping, and training. The ultimate goal is always to protect our Soldiers and provide them with the best equipment and technologies in the world, and ARFORGEN will continue to evolve to ensure that our Soldiers have the capabilities they need to fight and win the GWOT.
- *LandWarNet — Transforming to a Warfighter Enterprise* discusses the panel led by LTG Jeffrey A. Sorenson, Chief Information Office/G-6, which explained how LandWarNet is evolving to deliver needed capabilities to Soldiers more effectively and efficiently.
- *Busting the Low-Tech Myth — Army S&T Efforts Support Full-Spectrum Operations* describes some of the current and future science and technology efforts that make the U.S. Army a high-tech organization devoted to developing and fielding the latest technological advancements so that Soldiers can perform their jobs more effectively. The article also addresses expanding the workforce, streamlining Army contracting processes, and recruiting. The panel was led by LTG N. Ross Thompson III, Military Deputy to the Assistant Secretary of the Army for Acquisition, Logistics, and Technology/Director, Acquisition Career Management.
- *Enterprise Logistics — Focusing on the Warfighter* describes how the Army is employing enterprise logistics and public-private partnerships for the warfighter's benefit as well as how the Army is evolving through the ARFORGEN model. The panel was led by GEN Benjamin S. Griffin, then-U.S. Army Materiel Command CG.
- *The Army Enterprise — Developing an Energy Strategy for the 21st Century* outlines how the Army has become an active partner in making its force more energy efficient by adopting new policies/procedures and research and development of potential energy-saving technology. The panel was led by Assistant Secretary of the Army for Installations and Environment Keith Eastin.

Other articles include: *TARDEC Researchers Develop Sensor-Enhanced Armor; Hybrid-Electric Vehicle Experimentation and Assessment Program Supports the Army's Need for Increased Power Demands; 2008 Senior Leaders' Training Forum Addresses Pressing Army Acquisition Issues; A Contracting Campaign Plan for the U.S. Army; and Army Contracting Campaign Plan-Task Force Builds New Vision for Worldwide Army Contracting Operations.*

Finally, on Page 75, you will find the results of our 2008 Readership Survey. We thank all of you who took the time to participate and we hope to incorporate some of your great suggestions in the upcoming months.

As we begin this new year of transition, my staff and I wish each of you a happy, healthy 2009. We thank you for your support this past year, and we look forward to providing you with even more informative articles in the year ahead.

**Cynthia D. Hermes**  
Editor-in-Chief