



CYBER: THE NEW WARFIGHTING DOMAIN

WARFIGHTER'S VISION *2009*



MARCH 5-6, 2009

THE RONALD REAGAN BUILDING • WASHINGTON DC



WARFIGHTER'S VISION 2009

Cyber: The New Warfighting Domain



Dear Attendee,

Welcome to the 2009 Warfighter's Vision Conference jointly hosted by the Association For Enterprise Information (AFEI) and the C4 Systems Directorate of the Joint Staff! This year's conference is titled "Cyber: The New Warfighting Domain" and will address many of the issues that we have been hearing from warfighters on the impacts of the Cyber landscape to our current and future operations. Since Cyber has been declared a warfighting domain equivalent to land, air, sea, or space, new hardware, doctrine, and training will be required to address the new challenges which are continually emerging as we move forward.

In order to build this new hardware, doctrine, and training we must encourage open dialogue between warfighters, defense planners, and industry partners. This dialogue must provide the forum for us to ask the hard questions, and develop the best solutions for a complex and changing landscape.

At Warfighter's Vision 2009, we intend to open the dialogue between military, government, industry, and allied nations in order to address some of these issues. We have assembled panels of military and civilian leaders throughout the Department of Defense, together with industry and allied partners, to address your questions and perhaps pose new questions to you. Together, we can build the enterprise networks that will carry the warfighters of today and tomorrow to the fight against our adversaries.

VADM Nancy Brown, USN

GLOBAL INFORMATION GRID 2.0

Creates an environment to operate in the Cyber domain and across the other war fighting domains and to collaborate effectively with mission partners. Characteristics include:

- Global Authentication, Access Control and Directory Services
- Information and Services from the Edge
- Joint Infrastructure
- Common Policies and Standards
- Unity of Command



CONFERENCE PROMOTIONAL PARTNERS:

Bearing Point

BearingPoint, Inc. is one of the world's largest providers of management and technology consulting services to Global 2000 companies and government organizations in more than 60 countries worldwide. Based in McLean, Va., the firm has approximately 16,000 employees focusing on the Public Services, Commercial Services and Financial Services industries. BearingPoint professionals have built a reputation for knowing what it takes to help clients achieve their goals, and working closely with them to get the job done. Our service offerings are designed to help our clients generate revenue, increase cost-effectiveness, manage regulatory compliance, integrate information and transition to "next-generation" technology. For more information, visit the Company's Web site at www.BearingPoint.com

IBM

IBM is aligned around a single, focused business model: innovation. IBM takes its breadth and depth of insight on issues, processes and operations across a variety of industries, and invents and applies technology to help solve its clients' most intractable business and competitive problems. Although we remain committed, as ever, to lead the development of state-of-the-art technologies, and the products and service offerings built around them, we measure ourselves today by how well we help clients solve their biggest and most pressing problems. Visit the Company's Web site at www.ibm.com/federal

TABLETOP DISPLAYS

Segovia

Segovia provides a fully managed Global IP Network which is the ideal solution for a variety of challenging missions including: Net Centric Warfare, Emergency Response and Homeland Security.

Defense Technical Information Center (DTIC)

The Defense Technical Information Center (DTIC®) is the premier provider of defense scientific and technical information. DTIC presents online resources and DoD's latest Web 2.0 tools. DoD Techipedia, DoD's science & technology wiki, encourages collaboration to meet warfighter needs. DefenseSolutions.gov is DoD's new online access point for private sector innovation.

UPCOMING AFEI EVENTS:

For more information contact:

Nicole Davis:
NDavis@afei.org
www.afei.org

**Change Management
Workshop**
March 26, 2009
AFEI Headquarters
Arlington, VA

Change Management
April 30 - May 1, 2009
Ronald Reagan Building
and International Trade
Center
Washington, DC

**DoD Enterprise
Architecture Conference**
June 1-4, 2009
Hilton Ballpark
St. Louis, MO

THURSDAY, MARCH 5, 2009 ▶ WASHINGTON, DC

8:00 AM Call to Order and Opening Comments

Conference Emcee: *LTG Pete Cuvillo, USA (Ret)*, Executive Strategist, BearingPoint

8:10 AM Joint Staff Welcome

VADM Nancy Brown, USN, Director C4 Systems (J6), Joint Staff

8:30 AM Keynote Address

LTG Stanley A. McChrystal, USA, Director of the Joint Staff

9:15 AM Morning Networking Break

9:45 AM Keynote Address

LtGen Robert J Elder, USAF, Commander, 8th Air Force (VTC from Barksdale, LA)

10:30 AM Joint Net-Centric Operations Panel

Moderator: *MajGen Michael Basla, USAF*, Deputy J6, Joint Staff

Panelists:

BG Brian Donahue, USA, Director LandWarNet Battle Command, Army G-3

COL Joseph Brendler, USA, JTF-GNO J3

Mr. John Thomas, Account Executive for Joint Command & Networks, IBM

Mr. Jeffrey DePasquale, Vice President and Executive Partner, Gartner, Inc

12 Noon Lunch

1:00 PM Warfighter's Panel

Moderator: *BGen Ronnie Hawkins, USAF*, Deputy Director, Policy and Resources, HQ USAF

Panelists:

COL Keith June, USA

LtCol Dudley, Grigs, USMC, 9th Comm Bd Commander

Lt. Col. Craig Wilcox, USAF, AFGSC(P) / A6

CDR Theresa Everett, USN

2:30 PM Networking Break

3:00 PM Building and Operating the Joint Infrastructure Panel

Moderator: *Mr. Dave Wennergren*, Deputy CIO, DoD

Panelists:

Mr. Dave Mihelcic CTO, DISA

Mr. Mark Powell, Director C4 and IT Infrastructure, USCG

Mr. Chris Kubic, Technology Director for IA Architecture, NSA

Mr. Mark Gerencser, Senior Vice President, BoozAllenHamilton

4:30 PM Networking Reception

CONFERENCE CHAIR:

Vice Admiral Nancy E. Brown, USN, Director for C4 Systems (J6), JCS serves as the director, Command, Control, Communications and Computer Systems, The Joint Staff. She is the principal advisor to the Chairman, Joint Chiefs of Staff on all C4 systems matters within the Department of Defense.

A native of Glen Cove, N.Y., She was raised in Marion, Ill., and is a 1973 graduate of Stephens College in Columbia, Miss. Admiral Brown completed Officer Candidate School in Newport, R.I., in June 1974. She attended Naval Postgraduate School in Monterey, Calif., where she earned a Master of Science Degree in Communications Systems Management. She also attended the Naval War College and was awarded a Master of Arts Degree in National Security and Strategic Studies.

In August 1993, Brown assumed command of Naval Computer and Telecommunications Station Cutler, Downeast, Maine. After completing her command tour, she was assigned in August 1995, to the National Security Council staff at the White House. In July 1997, Brown assumed command of the Naval Computer and Telecommunications Area Master Station Atlantic, Norfolk. Completing her command tour in June 1999, Brown returned to the White House as the deputy director, White House Military Office. In October 2000, she reported to the Chief of Naval Operations as deputy director and Fleet Liaison, Space, Information Warfare, Command and Control (N6B). In August 2002 she assumed duties as vice director for Command, Control, Communications and Computer Systems (J6), the Joint Staff. In August 2004, she deployed to Iraq becoming the first Multi-National Force-Iraq C6 headquartered in Baghdad, and returned to the Joint Staff in April 2005. In August 2005 Brown assumed the duties as J6 director for both North American Aerospace Defense Command and United States Northern Command. In August 2006 she assumed her current duties as the director, Command, Control, Communications and Computer Systems (C4 Systems), The Joint Staff.

CONFERENCE MASTER OF CEREMONIES:

Lieutenant General Pete M. CuvIELLO (Ret. USA) serves as a Managing Director for BearingPoint's Defense Segment in the Network Enabled Operational Support (NEOS) group. NEOS provides Net Centric solutions in the areas of Command and Control, Intelligence, Situational Awareness, Information Sharing, Cyber and Security Solutions, and Enterprise Governance.

Immediately preceding joining BearingPoint in July 2007, LTG CuvIELLO was the VP Business Strategies with the Savi Group of Lockheed Martin which provided multi-modal, global supply chain and asset management information networks for government and commercial customers. He also served in other Executive positions at Lockheed Martin during his four year tenure post military career.

LTG CuvIELLO's last military assignment prior to his retirement after 34 years of service was as Chief Information Officer and G6 for the United States Army.

FRIDAY, MARCH 6, 2009 ▶ WASHINGTON, DC

8:00 AM Call to Order

LTG Pete CuvIELLO, USA (Ret), Executive Strategist, BearingPoint

8:00 AM Morning Keynote Addresses

LTG H Steven Blum, USA, Deputy Commander, US NORTHCOM

Ms. Sherrill Nicely, Deputy Intelligence Community Chief Information Officer

9:45 AM ReCap of Conference

LTG Pete CuvIELLO, USA (Ret), Executive Strategist, BearingPoint

10:00 AM Networking Break

10:30 AM Cyber Panel

Moderator: *BGen Suzanne Vautrinot, USAF*, Deputy Director, JFCC NW

Panelists:

RAADM William Leigher, USN, Director IO/DDNI for Cryptology

BGen Michelle Johnson, USAF, Deputy Director 5, Global Effects, JCS

BGen Susan Helms, USAF, J5, US STRATCOM

Ms Rosemary Wenchel, Director, Information Operations & Strategic Studies, USD, Intelligence

Dr Steve Bucci, Cyber Security Lead, IBM Global Services

12:30 PM Lunch

1:30 PM GiG 2.0 Leadership Forum

This after lunch forum will serve as a platform to discuss the most pressing topics that emerged during the conference. Senior leaders will emphasize their priorities are going forward. The audience will have the opportunity to generate questions during lunch and ask them of the panelists.

Moderator: *VADM Nancy Brown, USN*, Director C4 Systems (J6), Joint Staff

Panelists:

Mr. Bob. Osborn II, SES, Deputy Director for Portfolio Management, C4 Systems US TRANSCOM

Brigadier-General J.L. Turnbull, CD, Director General Military SIGINT at the Communications Security Establishment, Canadian Forces

Col Fred Mooney, USAF, US Forces Korea, J6

Ms Debora Plunkett, Deputy Director, Information Assurance, NSA

2:30 PM Adjourn

CONFERENCE KEYNOTE SPEAKERS:

LTG Stanley McChrystal, USA, Director of the Joint Staff

LTG McChrystal provides oversight to Joint Staff support activities, including administration and action management, budget, information technology and services, support services, and security. The Joint Staff assists the Chairman of the Joint Chiefs of Staff in accomplishing his responsibilities for: the unified strategic direction of the combatant forces; their operation under unified command; and for their integration into an efficient team of land, naval, and air forces. Prior to this assignment LTG McChrystal was Commander, Joint Special Operations Command/Commander, Joint Special Operations Command Forward, US SOCOM, Fort Bragg, North Carolina

LtGen Robert J Elder, USAF, Commander, 8th Air Force

Lt. Gen. Robert J. Elder, USAF, is Commander, 8th Air Force (Air Forces Strategic), Barksdale Air Force Base, La., and Joint Functional Component Commander for Global Strike, U.S. Strategic Command, Offutt AFB, Neb. The "Mighty Eighth" serves as the air component headquarters to USSTRATCOM for strategic deterrence, global strike, and operates USSTRATCOM's Joint Air Operations Center. The Joint Functional Component Command for Global Strike plans and executes strategic deterrence and global strike operations for USSTRATCOM. General Elder also commands Task Force 204 which was activated in November 2007 to oversee Air Force nuclear bomber and reconnaissance activities in support of USSTRATCOM.

General Elder served as the first commander of Air Force Network Operations and led the development of the cyberspace mission for the Air Force. His staff experience includes senior leadership positions with the Joint Staff, Air Staff, Air Combat Command and NATO. He has commanded at all levels, led unit deployments to Southwest Asia, Europe and the Pacific, and held senior command positions in operations Southern Watch, Enduring Freedom and Iraqi Freedom. Prior to his current assignment, he was Commandant of the Air War College and Vice Commander of Air University.

LTG H Steven Blum, USA, Deputy Commander, US NORTHCOM

Lieutenant General H Steven Blum, USA is the Deputy Commander, United States Northern Command, and Vice Commander, U.S. Element, North American Aerospace Defense Command (USELEMENORAD), headquartered at Peterson Air Force Base, Colo., where he will be the first National Guard officer to serve as a Deputy Combatant Commander.

As deputy commander, United States Northern Command, General Blum helps lead the command to anticipate, prepare and respond to threats and aggression aimed at the United States, its territories and interests within the assigned area of responsibility and, as directed by the President or Secretary of Defense, provide defense support of civil authorities including consequence management operations.

General Blum's previous assignment was Chief, National Guard Bureau, Arlington, Virginia. As Chief, he was the senior uniformed National Guard officer responsible for formulating, developing and coordinating all policies, programs and plans affecting more than half a million Army and Air National Guard personnel. Appointed by the President, he served as the principal adviser to the Secretary and Chief of Staff of the Army, and the Secretary and Chief of Staff of the Air Force on all National Guard issues. As National Guard Bureau Chief, he served as the Army's and Air Force's official channel of communication with the Governors and Adjutants General.

Ms. Sherrill Nicely, Deputy Intelligence Community Chief Information Officer

MS Sherrill Nicely, Deputy Intelligence Community Chief Information Officer In April 2008, the Associate Director of National Intelligence Chief Information Officer (ADNI/CIO) requested Sherrill Nicely to serve as the Deputy Intelligence Community Chief Information Officer, assisting the CIO in overseeing the budget and formulation of improvements to electronic information sharing throughout the Intelligence Community, with customers, warfighters and policy makers, and with our closest allied partners.

Prior to this assignment, Ms. Nicely's served as the Deputy Associate Director of National Intelligence for Intelligence Community Information Technology Governance (DADNI/ICTG), where she was responsible for formulating the policies and guidelines to appropriately secure the Intelligence Community enterprise, including the provision of a single identity for Intelligence Community personnel, and improvements to mechanisms for providing role-based access to information. In addition, she led ADNI/CIO activities supporting improvements to the Intelligence Community's cyber security posture. ICTG staff provides information assurance compliance and validation support, and independent assessments of agency compliance with DNI, DoD and federal regulations.

From June 2002 through January 2006, Ms. Nicely served as the Director for Information Assurance in the Office of the Intelligence Community Chief Information Officer (IC CIO), overseeing the community's compliance with information assurance policies and requirements. From 1999 until joining the IC CIO staff, Ms. Nicely served as the CIA CIO InfoSec Liaison, representing CIA equities at many government fora. Ms. Nicely also served as the Information System Security Manager (ISSM) for CIA systems that share information with the Community. In this role, she was responsible for the overall security of the systems and sensitive information provided, as well as ensuring that CIA staff could collaborate with others.

CONFERENCE MODERATORS:

MajGen Michael Basla, USAF, Deputy J6, Joint Staff

Major General J. Basla, USAF is Vice Director, Command, Control, Communications and Computer Systems, Joint Staff, the Pentagon, Washington, DC.

General Basla received his commission in 1979 as a distinguished graduate of Officer Training School. He is a graduate of the College of Naval Command and Staff as well as the Industrial College of the Armed Forces, receiving Master of Science degrees in 1992 and 1996. The general has commanded at the detachment, squadron and group levels. His staff assignments include Director of Information Technology Enterprise Operations at Headquarters U.S. Air Force, and Director of Communications and Information at Headquarters Air Mobility Command, Scott Air Force Base, Ill.

The general has also served as Director for C4 Systems, Joint Task Force Southwest Asia, and Deputy Director, Operational Support Modernization Program at Headquarters U.S. Air Force. Prior to his current assignment, he was Director for C4 Systems, U.S. Transportation Command

BGen Ronnie Hawkins, USAF, Deputy Director, Policy and Resources, HQ USAF

Brigadier General D. Hawkins Jr., USAF is Deputy Director, Policy and Resources, Office of Warfighting Integration and Chief Information Officer, Office of the Secretary of the Air Force, the Pentagon, Washington, DC.

General Hawkins received his commission as a distinguished graduate of the ROTC program at Angelo State University in 1977. He has held a variety of communications positions, including an assignment on the Joint Staff as support manager for command, control, communications and computer systems, and he later served as Director of C4 Systems for Joint Task Force - Southwest Asia. The general has commanded Cadet Squadron 24 at the U.S. Air Force Academy; Air Combat Command's Computer Systems Squadron and Communications Group; and Air Force Officer Accession and Training Schools at Maxwell Air Force Base, Ala. He has also served as the Director of Communications and Information, Headquarters Pacific Air Forces, and Director of Communications Operations, Office of the Deputy Chief of Staff for Installations and Logistics, Headquarters U.S. Air Force.

Prior to his current assignment, General Hawkins was Deputy Chief of Staff, Communications and Information Systems, Multi-National Force-Iraq

Mr. Dave Wennergren, Deputy CIO, DoD

Mr. Dave Wennergren, Deputy DoD CIO, serves as the Deputy Assistant Secretary of Defense for Information Management and Technology / Deputy Chief Information Officer, providing top-level advocacy in creating a unified information management and technology vision for the Department and ensuring the delivery of the capabilities required to achieve the Department's transformation to net centric operations. In addition to his duties as Deputy CIO, Mr. Wennergren is the Vice Chair of the U.S. Government's Federal CIO Council. He also serves as the Chair of the Department of Defense Identity Protection and Management Senior Coordinating Group, which provides senior oversight and coordination of biometric, smart card, and PKI initiatives across the Department of Defense.

Prior to his current assignment, Mr. Wennergren served for four years as the Department of the Navy Chief Information Officer (DON CIO), where he was responsible for the development and use of information management / information technology (IM/IT) and creation of a unified IM/IT vision for the Navy – Marine Corps team. During that time he was also the Department of the Navy's Critical Infrastructure Assurance Officer.

BGen Suzanne Vautrinot, USAF, Deputy Director, JFCC NW

Brigadier General Suzanne M. "Zan" Vautrinot, USAF is Deputy Commander, Joint Functional Component Command - Network Warfare, U.S. Strategic Command, Fort George G. Meade, Md. JFCC-NW synchronizes, integrates and executes full-spectrum computer network operations through a joint interagency organization in order to gain and maintain freedom of action within cyberspace; provide cyber operations support to combatant commanders; and deny our adversaries safe haven and freedom of maneuver in the cyberspace domain.

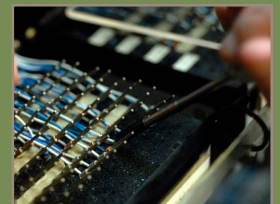
General Vautrinot entered the Air Force after graduating from the U.S. Air Force Academy in 1982. Her experience in space systems acquisition and operation includes national reconnaissance satellites, the Satellite Control Network, advanced space surveillance, satellite command and control, and theater missile warning. She has served as Chief of Operations for 14th Air Force and Director of the Aerospace Operations Center at Vandenberg AFB, Calif. Her commands include a space warning squadron, space operations group, space wing and the Air Force Recruiting Service. The general has held staff assignments at Headquarters U.S. Air Force, U.S. Air Forces in Europe, Headquarters Air Force Space Command and the Office of the Chairman of the Joint Chiefs of Staff.



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EVENT #9A04