Thursday, 9 July 2015

0700 – 1600 REGISTRATION

0700 – 0745 COFFEE SERVICE

0745 – 0750 SYMPOSIUM ADMINISTRATION, SAFETY, SECURITY
   Michael Scanlan
   Director, Industry Affairs
   Association of the United States Army

0750 – 0800 INTRODUCTION
   GEN Gordon R. Sullivan
   United States Army Retired
   President
   Association of the United States Army

0800 – 0840 KEYNOTE SPEAKER
   GEN Daniel B. Allyn
   Vice Chief of Staff
   United States Army

0840 – 0950 PANEL DISCUSSION
   “Enabling Partnerships across the Joint Information Environment”

Panel Moderator:
   LTG Jeffrey Sorenson
   United States Army Retired
   President and Partner
   A.T. Kearney Public Sector & Defense Services, LLC

Panel Chair:
   LTG Robert S. Ferrell
   Chief Information Officer/G-6
   Office of the Secretary of the Army

Panel Members:
   BG Brian T. Dravis
   Director
   Joint Information Environment Technical Synchronization Office
   Defense Information Systems Agency
MG John B. Morrison, Jr.
Commanding General
United States Army Network Enterprise Technology Command

Teresa M. Salazar
Deputy Chief Information Officer
Office of the Secretary of the Air Force

MG Bruce T. Crawford
Commanding General
United States Army Communications-Electronics Command

Christopher Kearns
Vice President, Enterprise Information Technology Solutions
Lockheed Martin

0950 – 1020  REFRESHMENT BREAK

1020 – 1030  TECH TEN
Brian Knight
Area Sales Engineer Eastern US Military
IntelliPower, Inc.

1030 - 1130  PANEL DISCUSSION
“Enabling Mission Command for a Complex World”

Panel Moderator:
BG James R. Moran
United States Army Retired
Vice President, Army Systems
The Boeing Company

Panel Chair:
BG John A. George
Director, Capabilities Developments
United States Army Capabilities Integration Center

Panel Members:
LTG Michael E. Williamson
Military Deputy/Director, Army Acquisition Corps
Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology

BG Willard M. Burleson
Director, Mission Command Center of Excellence
United States Army Combined Arms Center

COL Michael J. Thurston
Project Manager, Mission Command
PEO C3T
William W. Weiss  
Vice President and General Manager, Ground Systems  
General Dynamics Mission Systems

1130 - 1230 LUNCH (On Own, Concessions available in hotel)

1230 –1330 KEYNOTE SPEAKER  
David DeVries  
Principal Deputy Chief Information Officer  
Office of the Secretary of Defense

1330 – 1350 REFRESHMENT BREAK

1350 – 1400 TECH TEN  
Stephen P. Corcoran  
Director for Cyber Strategy  
Telos Corporation

1400 – 1500 PANEL DISCUSSION  
“Enabling Mission Partner Environments across Geographic and Organization Boundaries”

Panel Moderator:  
LTG Susan S. Lawrence  
United States Army Retired  
Senior Vice President  
Booz Allen Hamilton

Panel Chair:  
LTG Mark S. Bowman  
Director for Command, Control, Communications and Computers  
Cyber, Chief Information Officer, J6, Joint Staff

Panel Members:  
MG Dennis C. Moran  
United States Army Retired  
Vice President Government Business Development  
Harris Corporation

Dr. David Markowitz  
Assistant Deputy Chief of Staff for Operations  
Office of the Deputy Chief of Staff, G-3/5/7  
Army Staff, Headquarters, Department of the Army

Scott L. Lawrence  
United States Battlefield Information Collection and Exploitation System  
United States Army G-2

Brig James Illingworth  
MilitaryAttaché, British Armed Forces  
British Embassy, Washington, DC
1500 – 1600  PANEL DISCUSSION
“Enabling IT Soldier and Civilian Development”

Panel Moderator:
**LTG Richard P. Formica**
United States Army Retired
Vice President
CALIBRE Systems

Panel Chair:
**Karl F. Schneider**
Principal Deputy to the Assistant Secretary of the Army for Manpower and Reserve Affairs

Panel Members:
**Gary C. Wang**
Deputy Chief Information Officer/G-6
Headquarters, Department of the Army

**Ronald W. Pontius**
Deputy to the Commanding General
United States Army Cyber Command

**MG Stephen G. Fogarty**
Commanding General
Cyber Center of Excellence and Fort Gordon

**BG Mitchell L. Kilgo**
Deputy Chief of Staff, G-6
United States Army Forces Command

1600 – 1615  CLOSING REMARKS
**GEN Gordon R. Sullivan**
United States Army Retired
President
Association of the United States Army

1615  DEPARTURE

THE FOLLOWING PAGES ARE SPEAKER BIOS IN ORDER OF SPEAKING POSITION ON THE AGENDA:
BIOGRAPHY

Gordon R. Sullivan, General (Retired) U.S. Army

General Sullivan is the President and Chief Executive Officer of the Association of the United States Army, headquartered in Arlington, Virginia. Since assuming his position in 1998, General Sullivan has overseen the transformation of the Association into a dynamic member-based organization that represents Soldiers, families, and the defense industry.

His responsibilities encompass both daily business operating and strategy planning for the largest Army-oriented non-profit association. The Association promotes and advocates programs for Soldiers and their families, creates opportunities for Army-Industry and professional dialog; advocates public awareness of Army and national security issues through its educational mission and maintains an outreach program to national leadership on critical issues pertinent to Army readiness.

Born in Boston, Massachusetts and raised in Quincy, he was awarded a Bachelor of Arts degree in history from Norwich University and was commissioned a second lieutenant of Armor in 1959. General Sullivan retired from the Army on 31 July 1995 after more than 36 years of active service. He culminated his service in uniform as the 32nd Chief of Staff—the senior general officer in the Army—and a member of the Joint Chiefs of Staff.

General Sullivan currently serves as the Chairman of the Board of Trustees of Norwich University and the Marshall Legacy Institute, as well as a member of the MITRE Army Advisory Board, the MIT Lincoln Labs Advisory Board, and a Life Trustee of the Woods Hole Oceanographic Institute.

In addition to his many awards on active duty, he is also the recipient of the West Point Association of Graduates’ Sylvanus Thayer Award and a member of the Sergeants Major Academy’s Hall of Honor.

General Sullivan currently resides in Alexandria, VA. He has three children and three grandchildren. He is an avid reader, amateur historian, and active sailor and sport fishing enthusiast.
General Daniel B. Allyn assumed duties as the 35th Vice Chief of Staff of the Army, August 15, 2014.

General Allyn is a native of Berwick, Maine, and a graduate of the United States Military Academy at West Point, New York. He previously served as the Commander of the United States Army Forces Command, Fort Bragg, NC.

He also served as the Commanding General, XVIII Airborne Corps and Commanding General, 1st Cavalry Division, “America’s First Team,” including duty as Commanding General, Combined Joint Task Force-1 and Regional Command East in Afghanistan. General Allyn has also served as the Chief of Staff, and later, Deputy Commanding General of XVIII Airborne Corps, including duty as Chief of Staff, Multi-National Corps Iraq. His joint assignments include the Joint Improvised Explosive Device Defeat Organization and the Joint Operations Directorate, J-3. Prior to his Joint assignments, he served as Commander, 3rd Brigade Combat Team, 3rd Infantry Division (Mechanized), culminating with service during Operation Iraqi Freedom. Prior to serving in the “Marne Division,” General Allyn served two tours of duty with the 82nd Airborne Division, two years with the 2nd Infantry Division, and three tours of duty with the 75th Ranger Regiment.
General Allyn's previous duties include command at the platoon through division level and staff assignments at the battalion through Joint Staff level. He served an overseas assignment in Korea and operational deployments for Operation Urgent Fury in Grenada, two peacekeeping deployments to the Sinai Peninsula in Egypt, Operation Just Cause in Panama, Operation Desert Storm in Saudi Arabia, and Operations Desert Spring and Enduring Freedom in Kuwait, two tours in support of Operation Iraqi Freedom, and most recently was deployed to Afghanistan in support of Operation Enduring Freedom XII.

He is a graduate of the Naval War College at Newport, Rhode Island, where he earned a Master of Arts degree in Strategic and National Security Studies.

General Allyn’s awards and decorations include the Distinguished Service Medal, the Silver Star, three Defense Superior Service Medals, three Legions of Merit, the Bronze Star Medal, two Defense Meritorious Service Medals, six Meritorious Service Medals, the Joint Service Commendation Medal, four Army Commendation Medals, three Army Achievement Medals, the Combat Infantryman Badge (with Star), the Expert Infantryman Badge, Master Parachutist Badge (with Bronze Star), the Ranger Tab, the Pathfinder Badge, the Joint Chiefs of Staff Identification Badge.
Lieutenant General Robert S. Ferrell became the Army CIO/G-6 on December 23, 2013.

As the CIO, Lieutenant General Ferrell reports directly to the Secretary of the Army, setting strategic direction and objectives for the Army network and supervises all Army C4 (command, control, communications, and computers) and IT functions. He oversees the Army's $10 billion IT investments, manages enterprise IT architecture, establishes and enforces IT policies, and directs delivery of operational C4IT capabilities to support warfighters and business users. As the G-6, he advises the Chief of Staff of the Army on the network, communications, signal operations, information security, force structure and equipping.

Lieutenant General Ferrell, a native of Anniston, Alabama, enlisted in the Army and attained the rank of Sergeant. He completed his undergraduate degree at Hampton University and was commissioned in August 1983, as an Army Signal Corps Officer. He holds a Master of Science Degree in Administration from Central Michigan University and a Master of Science Degree in Strategy from the Army War College.

Throughout his career, he has served in Army units in the United States, Korea, and Europe and has deployed to Bosnia and Iraq. In addition to traditional company and field grade level assignments, he has commanded at every level from platoon to Army major subordinate command.

His principal staff assignments have been as Operations Officer and Communications-Electronics Officer, 2nd Battalion, 7th Special Forces Group (Airborne); Captain Assignments Officer, Signal Branch Army Personnel Command; Aide-de-Camp to the Secretary of the Army, Pentagon; Assistant Division Signal Officer, 82nd Airborne Division; Executive Officer, 82nd Signal Battalion; Operations Officer, 7th Signal Brigade, 5th Signal Command and Aide-de-Camp to the Commanding General, V Corps, United States Army Europe and Seventh Army, Germany; Military Assistant to the Executive Secretary, Office of the Secretary of Defense, Pentagon; Military Assistant to the Director, Program Management Office, Coalition Provisional Authority, OPERATION IRAQI FREEDOM, Iraq; Chief, Programs Division, Office of the Chief of Legislative Liaison, Pentagon; Army Senior Fellow, Council on Foreign Relations, New York; Director, Army Modernization, Strategic Communication, Army Capabilities Integration Center-Forward, Army Training and Doctrine Command, Pentagon; and Director for C4 Systems, United States Africa Command, Germany.

He commanded A Company, 426th Signal Battalion, 35th Signal Brigade, XVIII Airborne Corps; 13th Signal Battalion, 1st Cavalry Division and OPERATION JOINT FORGE, Tuzla; 2nd Signal Brigade, 5th Signal Command, United States Army Europe and Seventh Army, Germany; and Communications-Electronics Command, Aberdeen Proving Ground.

Lieutenant General Ferrell has earned numerous awards and decorations, most notably, the Defense Superior Service Medal (2nd Award); Legion of Merit (3rd Award); Bronze Star Medal; Meritorious Service Medal (6th Award), Army Commendation Medal (6th Award), and Army Achievement Medal (2nd Award).
Jeff Sorenson is a Partner and President of the A.T. Kearney Public Sector & Defense Services, LLC within the Aerospace and Defense practice. Jeff retired as a Lieutenant General with more than 20 years of acquisition experience. He successfully developed, procured and delivered over 30 different military systems with different technologies ranging from battlefield intelligence automation systems to tactical signal intelligence equipment to night vision and tactical missile systems for aviation, vehicle and individual platforms, to large scale enterprise network and tactical communication systems. As the Army’s Chief Information Officer (CIO)/G6, he transformed Army network information technology capabilities to enhance business and warfighting command, control and communication capabilities. His consultant-related work has focused primarily on cost reduction and strategic analyses of the Army’s industrial base (OEMs, organic base, key vendors) for ground combat weapon and combat support vehicle systems, plus an assessment of business operations at organic facilities to reduce the cost of operations. Jeff has been quoted and interviewed by several magazines, including Defense Systems, Government Computer News, and Federal Computer Week. He was also selected as a 2010 Top 100 Federal Award winner by Federal Computer Week. Jeff earned an M.B.A from Northwestern University, with concentrations in finance, accounting and decision sciences. He has a Bachelor of Science degree from the United States Military Academy.
Brigadier General Brian T. Dravis is Director, JIE Technical Synchronization Office (JTSO) at the Defense Information Systems Agency, Fort Meade, Md. In this role, he is responsible for leading architectural engineering and design to develop the Department of Defense’s Joint Information Environment (JIE). JIE will synchronize current and future architectures, engineering designs, enterprise services, information capability enhancement, and applications. It is a secure joint information environment, comprised of shared information technology (IT) infrastructure, enterprise services, and a single security architecture to achieve full spectrum superiority, improve mission effectiveness, increase security, and realize IT efficiencies.

Prior to assuming his current position, Brig Gen Dravis was Commander of the 194th Wing, Camp Murray, Wash. He was responsible for command and control oversight, training and equipping of 16 numbered units comprised of 1,053 Airmen and civilians serving at four locations within Washington State. As Commander, he was the senior officer responsible for providing mission-ready forces to support national defense requirements worldwide, and emergency response, relief, and recovery operations throughout Washington.

Brig Gen Dravis was commissioned through the Reserve Officers Training Corps program at San Jose State University in 1983. His operational assignments include several F-111 fighter squadrons both in the United Kingdom and United States, as well as tours in the RF-4C and F-4G “Wild Weasel.” In 1995, Brig Gen Dravis joined the Kansas Air National Guard, 184th Bomb Wing, flying the B-1B. In 2002, he was selected as the inaugural commander of the 177th Information Warfare Aggressor Squadron. In 2005, Brig Gen Dravis served as the National Guard Bureau (NGB) Division Chief, Airborne Intelligence, Surveillance, and Reconnaissance with responsibility for standing up initial MQ-1 and MQ-9 Unmanned Aerial Systems capability in the ANG. Later, he was selected as Deputy Director, NGB/A2, and he also served as Deputy Director of NGB/A3, Air, Space, and Information Operations Directorate.

Brig Gen Dravis is a Master Navigator with more than 3,000 flying hours, primarily in F-111, F-4, and B-1 aircraft. His combat flying experience includes Operation SOUTHERN WATCH.

**EDUCATION**

**1983** Bachelor of Arts, Journalism, San Jose State University, Calif.
**1988** Squadron Officer School, by correspondence
**1998** Air Command and Staff College, by correspondence
**2002** Air War College, by correspondence
**2003** United States Army John F. Kennedy Special Warfare Center and School Psychological Operations Officer Course
**2010** United States Northern Command, Joint Task Force Commander Training course, Peterson Air Force Base, Col.

**ASSIGNMENTS:**

2. May 1984-October 1984, Student, Fighter Lead In Training, Holloman AFB, N.M.
3. October 1984-March 1985, Student, F-111D Replacement Training Course, 524 TFTS, Cannon AFB, N.M.
4. March 1985-January 1986, Student, F-111F Replacement Training Course, 495 TFS, Lakenheath AB, United Kingdom
5. January 1986-March 1987, Weapons Systems Officer, 493 TFS, F-111F, Radar Strike Officer, RAF Lakenheath, United Kingdom
6. March 1987-July 1988, Life Support Officer, Instructor Weapons Systems Officer, F111F, 493 TFS, RAF Lakenheath, United Kingdom
12. May 2002-April 2005, Commander, 177th Information Warfare Aggressor Squadron, McConnell AFB, Kansas
14. October 2005-August 2007, Deputy Director, ANG Directorate of Intelligence, Surveillance, and Reconnaissance, NGB/A2, National Guard Bureau, Crystal City, Va.

**FLIGHT INFORMATION:**
Rating: Command Navigator
Flight hours: 3,000 including 144 combat hours
Aircraft flown: F-111A/D/F, RF-4C, F-4E, F-4G, B-1B

**MAJOR AWARDS AND DECORATIONS:**
Legion of Merit Medal
Meritorious Service Medal w/Two Oak Leaf Clusters
Air Medal w/One Oak Leaf Cluster
Air Force Commendation Medal w/One Oak Leaf Cluster
Air Force Outstanding Unit Award w/Four Oak Leaf Clusters
Navy Meritorious Unit Commendation
Combat Readiness Medal w/Five Oak Leaf Clusters
National Defense Service Medal w/One Service Star
Southwest Asia Service Medal w/One Service Star
Global War on Terrorism Service Medal
Armed Forces Reserve Medal w/Silver Hourglass Device

**EFFECTIVE DATES OF PROMOTION:**
Second Lieutenant, August 12, 1983
First Lieutenant, August 12, 1985
Captain, August 12, 1987
Major, June 2 1996
Lieutenant Colonel, November 21, 2000
Colonel, August 2, 2006
Brigadier General, June 1, 2013 (current as of June 2013)

DISA Strategic Communications disa.meade.spi.mbx.strategic-communications@mail.mil

www.disa.mil
Major General John B. Morrison Jr.
Commanding General, NETCOM

Major General John B. Morrison Jr. received his commission through ROTC at James Madison University in Virginia where he graduated in 1986 with a Bachelor of Business Administration degree, majoring in marketing. He also holds a Master of Science Degree in Telecommunications Management from Webster University and a Master of Strategic Resourcing from the Industrial College of the Armed Forces (ICAF).

His military education includes Signal Officer Basic Course, Officer Advanced Course, the Tactical Signal Officer’s Staff Course, and the Advanced Airborne (Jumpmaster) School. In addition to ICAF, Major General Morrison is also a graduate of both the Command and General Staff College (CGSC) and the Joint Forces Staff College.

His previous assignments include: Platoon Leader and Assistant S-3 in the 1st Signal Battalion, 7th Signal Brigade, in Kaiserslautern, Germany. He later commanded B Company, 1st Signal Battalion and deployed as part of the 93rd Signal Brigade, VII Corps, during the Persian Gulf War. In 1992, he was assigned to Fort Bragg, North Carolina, as the Assistant Brigade S-3, 35th Signal Brigade (Airborne) and then as the Assistant Operations Officer for the 50th Signal Battalion (Corps, Forced Entry, Airborne) where he participated in the Hurricane Andrew relief effort in Florida and provided support for Operation Uphold Democracy. In 1995, he served as an intern in the Office of the Secretary of Defense (OSD) and as an Action Officer on the Army Staff (G-8) in the Pentagon. After CGSC, he served as the Deputy G-6, 1st Cavalry Division and Multi-National Division (North) in Bosnia-Herzegovina and later as the Battalion S-3 for the 13th Signal Battalion, 1st Cavalry Division.

He then served in the Command, Control, Communications, and Computers Systems Directorate (J-6), Joint Staff, in Washington DC. Later, he commanded the 13th Signal Battalion (Task Force Mercury) supporting the 1st Cavalry Division and Task Force Baghdad in Iraq. In 2005, he served as the Signal Branch Chief, Human Resources Command, in Alexandria, Virginia, and later commanded the globally deployed Joint Communications Support Element (JCSE) from 2007-2009. At the Pentagon, he was the Executive Officer, Army CIO/G-6 from 2009-2010, and LandWarNet / Mission Command Director in the Department of the Army G-3/5/7 from 2010 to 2012. Most recently he served as the Commanding General for the 7th Signal Command (Theater) from 2012-2014.

Major General Morrison’s awards and decorations include: the Distinguished Service Medal (two Awards), Defense Superior Service Medal, Legion of Merit, Bronze Star Medal (two awards), the Defense Meritorious Service Medal, the Meritorious Service Medal (three awards), the Joint Service Commendation Medal (two awards), the Army Commendation Medal (three awards), the Army Achievement Medal (five awards), the National Defense Service Medal (two awards), the Armed Forces Expeditionary Medal, the Southwest Asia Service Medal with 3 Bronze Service Stars, the Humanitarian Service Medal, the NATO Medal, and the Kuwaiti and Saudi Arabian Kuwait Liberation Medals. He is authorized to wear the Combat Action Badge, the Senior Parachutist Badge, and the Office of the Secretary of Defense and Joint Staff Identification Badges.
TERESA M. SALAZAR

Teresa M. Salazar, a member of the Senior Executive Service, is the Deputy Chief, Information Dominance and Deputy Chief Information Officer, Office of the Secretary of the Air Force, Washington, D.C. She assists in leading and supporting 77,000 cyber operations and support personnel across the globe with a portfolio valued at $17 billion. She provides oversight of network-centric policies, communications, information resources management, information assurance, enterprise architectures, and portfolio management for the Department of the Air Force. Additionally, she shapes strategy, policy, and doctrine for all cyberspace operations and cyber support activities.

Ms. Salazar entered federal civil service in 1983 as a data transcriber and administrator. She was selected for the Army Computer Intern Program with a follow-on assignment developing expert systems at Headquarters Training and Doctrine Command (TRADOC), Fort Monroe, Virginia. She transitioned to the Navy where she designed and installed networks in Panama and Iceland.

Following that assignment, she transitioned to the Air Force where she held progressively more responsible leadership positions at Squadron, Group, Major Command, and Headquarters Air Force levels. She served in a deployed location as the Director, Joint Network Operations Control Center, Multi-National Force-Iraq, Camp Victory, Baghdad, Iraq and then transitioned to the Joint Staff where she was the Assistant Deputy Director, Information and Cyberspace Policy, Strategic Plans and Policy Directorate (J-5). During that time she also was a member of the National Security Staff’s Presidentially-directed 60-Day Cyberspace Policy Review team. She was selected as the Deputy Director, Joint Staff, J-6 and the Deputy CIO, Joint Staff. Prior to her current assignment, she was the Principal Director, Policy and Resources/Chief Financial Officer, Office of the Secretary of the Army, Chief Information Officer/G-6. Ms. Salazar is a graduate of the Defense Leadership Management Program.

EDUCATION

1994 Squadron Officer School, Correspondence
1995 Advanced Communications-Computer Officer Training, Keesler AFB, Miss.
2000 Bachelor of Science, Computer Information Systems, Saint Leo University, Fla.
2001 Air Command and Staff College, Correspondence
2002 Air Command and Staff College, Air University, Maxwell AFB, Ala.
2002 Master of Science, Management, Troy State University, Ala.

CAREER CHRONOLOGY
12. 2001 - 2002 Student, Air Command and Staff College, Maxwell AFB, Ala.
15. 2004 - 2005 Student, National War College, National Defense University, Fort Lesley J. McNair, Washington, D.C.
17. 2007 - 2007 Director, Joint Network Operations Control Center-Iraq, MNF-I CIS, Camp Victory, Baghdad, Iraq
19. 2008 - 2009 Assistant Deputy Director, Information & Cyberspace Policy, the Joint Staff (J-5), Washington D.C.
20. 2009 - 2011 Deputy Director, C4 Systems (J-6); Deputy Chief Information Officer, the Joint Staff, Washington, D.C.
21. 2011 - 2012 Principal Director, Policy & Resources/Chief Financial Officer, Office of the Secretary of the Army, Chief Information Officer/G-6, Washington, D.C.
22. 2012 - present, Deputy Chief, Information Dominance and Deputy Chief Information Officer, Office of the Secretary of the Air Force, Washington, D.C.

AWARDS AND HONORS
Army Meritorious Civilian Service Award, 2012
CJCS Joint Meritorious Civilian Service Award, 2009, 2011
Air Force Meritorious Civilian Service Award, 2000, 2008
Superior Civilian Service Award, 2007
Exemplary Civilian Service Award, 1996, 1998, 1999
Global War on Terrorism Medal
Iraqi Campaign Medal
Secretary and Chief of Staff of the Air Force Commendation for Outstanding Service
Hampton Roads Outstanding Professional Woman of the Year
Federal Women's Program Professional/Specialist of the Year

PROFESSIONAL CERTIFICATIONS
Chief Information Officer Certification, Information Resources Management College, National Defense
University, Fort. Lesley J. McNair, Washington, D.C.

PROFESSIONAL ASSOCIATIONS
National War College Alumni Association, 2004 - present

(Current as of April 2013)
Major General Bruce T. Crawford
Commanding General, CECOM
Aberdeen Proving Ground, Md.

Major General Bruce T. Crawford assumed duties as the 14th Commander of the U.S. Army Communications-Electronics Command (CECOM) on May 20, 2014.

A native of Columbia, S.C. Major General Crawford was commissioned on May 28, 1986, after graduating as a Distinguished Military Graduate with a Bachelor of Science in Electrical Engineering through South Carolina State University’s Reserve Officer Training Corps program. He holds a Master of Science degree in Administration from Central Michigan University and a Master of Science in National Resource Strategy from the Industrial College of the Armed Forces.

During his 28 years of service, Major General Crawford has served in a variety of leadership positions at tactical, operational, and strategic levels. In his previous assignment, he served as the J6, Director of C4/Cyber and Chief Information Officer, U.S. European Command. Prior to that, he served as the Commanding General, 5th Theater Signal Command, and G6, United States Army Europe in Wiesbaden, Germany.

His command assignments include the 516th Signal Brigade, Fort Shafter, Hawaii; 82nd Signal Battalion, 82nd Airborne Division, Fort Bragg, N.C. and Operation Iraqi Freedom, Iraq; and B Company, 51st Signal Battalion, 35th Signal Brigade, XVIII Airborne Corps, Fort Bragg, N.C. His key staff assignments include Director, Chief of Staff of the Army, Coordination Group, Office of the Chief of Staff, U.S. Army, Washington, D.C.; Division Chief, LandWarNet Integration Division, Chief Information Office, G-6, Pentagon, Washington, D.C.; Branch Chief, Net Centric Assessments and Analysis Branch, later Executive Assistant to the J-6, the Joint Staff, Washington D.C.; and Assistant Operations Officer, later Corps Emergency Deployment Readiness Officer, 35th Signal Brigade, XVIII Airborne Corps, Fort Bragg, N.C., and Operations Desert Shield/Storm, Saudi Arabia.

His awards and decorations include the Distinguished Service Medal; the Defense Superior Service Medal; the Legion of Merit; the Bronze Star Medal; the Defense Meritorious Service Medal with Oak Leaf Cluster; the Meritorious Service Medal with four Oak Leaf Clusters; the Army Commendation Medal with Oak Leaf Cluster; the Army Achievement Medal with four Oak Leaf Clusters. Major General Crawford is authorized to wear the Combat Action Badge, the Master Parachutist Badge, the Ranger Tab, the Joint Chiefs of Staff Identification Badge, and the Army Staff Identification Badge.

Major General Crawford and his wife Dianne have two sons, 1st Lt. Bruce T. Crawford, Jr., and Corey Alston Crawford.
Christopher (Chris) Kearns is the Vice President of Enterprise Information Technology Solutions within Lockheed Martin’s Information Systems and Global Solutions (IS&GS)-Defense & Intelligence Solutions business. In this role, he is responsible for leading Lockheed Martin Corporation’s information technology business serving U.S. Department of Defense customers. The scope of these programs include the operation and cyber defense of critical national infrastructure, the management of private datacenters and high performance computing centers, migration and security of cloud computing used by the DoD, and mission and enterprise application management.

Previously, Mr. Kearns was the Program Director for the Defense Information Systems Agency (DISA) programs. He led a global team of more than 1,000 engineers, technicians, and cyber analysts across approximately 40 partner companies and small businesses. In that role, Mr. Kearns was responsible for leading the operations, maintenance and cyber network defense activities for the DoD Information Network.

Mr. Kearns has also served as the director of Desktop Services for Lockheed Martin’s Enterprise Business Services (EBS). In that role he managed the corporation’s desktop portfolio including the strategy, service desk, technology projects, and operations for 140,000 desktop devices, 50,000 mobile and telecommunication devices, messaging accounts for 150,000 employees and partners, and more than 20 terabytes of data for engineering and business information systems. He has also held roles as the Operations Director for the Center for Leadership Excellence (CLE) and program management roles in the CIO organization.

Chris holds a master’s degree in information science from Pennsylvania State University and a bachelor’s degree in electrical engineering from the University of Scranton. He serves on the Industrial Advisory Board to the Engineering Department at the University of Scranton. He is an adjunct professor at Temple University’s Fox School of Business. In 2015, he was recognized as one of Federal Computing Week’s Top 100 Executives.
IntelliPower, Inc.

**Company Description:** Manufactures and markets high performance Uninterruptible Power Systems (UPS) and Power Conversion Systems. IntelliPower's Bright UPS On Line products are designed to provide the highest levels of power protection for computers, communications networks, workstations, phone systems, industrial control systems, military support applications, file servers and other electronic equipment from data loss and hardware damage caused by power problems.


**Abstract:** On the battlefield of today's modern Army, Commanders are demanding tactical information on a real time basis. The digitized battlefield environment has forced the Army to modernize and upgrade equipment at an amazing rate. All of the equipment necessary to guarantee mission accomplishment has one common denominator: Power. In order to ensure that the equipment necessary to achieve the mission is functioning properly, IntelliPower’s Uninterruptable Power Supply or UPS equipment has been the cornerstone of the Army’s digital platform.

As you will see in the following presentation, IntelliPower has listened to our industry partners as well as the Warfighter and has reacted to the growing needs of today’s digital Army. The UPS is a vital part of the systems that protect the Army’s vast investment in electronically based equipment. The battlefield digital equipment is more sensitive than ever and requires a clean, efficient and stabilized power source as well as the backup capability to safely shut down the equipment in the event of a power outage.

IntelliPower’s CEO, Bill Shipman, has been working very closely with General Dynamics and the US ARMY to design and supply a very wide range of UPS Power Solutions for over 10 years. IntelliPower has received the Army Common Hardware Systems AWARD for Excellence in 2010 and The Soldier’s Network 2014 Defender of the Year AWARD in February 2014 in recognition of our on going joint efforts. IntelliPower products are used extensively on CHS-3 and CHS-4 as well as on WIN-T and many ARMY Programs.

IntelliPower is proud to be a highly trusted provider of UPS systems to the Army community and the Prime vendors that equip the modern Army. IntelliPower as a major partner with General Dynamics has a vested interest in ensuring that every piece of equipment that we ship functional power protection solutions capabilities, which are relied on by our Warfighters.

**Speaker**
Brian Knight  
Email: Brian.Knight@intellipower.com

**Speaker Bio**
Brian Knight came to IntelliPower one year ago, as Area Military Sales Engineer, after a distinguished 20 year career as an Army Communication Specialist with battlefield warfighter experience. Brian brings with him extensive firsthand knowledge of Army communications applications as well as his experience with deployed communication systems. Brian has deployed in support of Joint Endeavor in Bosnia, twice to Iraq in support of Operation Iraqi Freedom and once to the Republic of Kuwait in support of Operation New Dawn. Brian’s awards include the Bronze Star, the Joint Meritorious Service Medal, The Army Commendation Medal (6th award) and the Army Achievement Medal (7th Award), The Combat Action Badge, The Master Parachutist Badge and the Air Assault badge. Brian is also an awardee of the Bronze Order of Mercury from the Signal Corps Regimental Association.
Since joining IntelliPower Brian has been involved in helping implement IntelliPower’s continued growth into a wide range of military applications for IntelliPower’s rugged power protection systems. His activities have included pre-sales design process, the Program Management phase of production as well as ensuring overall customer support and satisfaction on a vast number of programs in support of the Warfighters.
James “Jamey” Moran, U.S. Army Brigadier General (Retired), is Vice President, Army Systems, Defense, Space and Security, for Boeing Government Operations. He joined the company in 2010, following successful positions with Northrop Grumman and Elbit, and a distinguished career with the U.S. Army.

Moran brings to Boeing proven capabilities in strategic planning, program management, technology development and systems integration. He has extensive systems experience having served as a Space Systems Engineer and as a Project Manager for three different programs: an Air Defense System, a Command and Control System, and the Army’s Tank Systems. As the Tank Systems Project Manager, he was responsible for the largest program in the Army and successfully completed the development, production and fielding of the first division of the M1A2SEP Abrams Tank. Subsequently as a Program Executive Officer, he was responsible for nine Project Offices covering 376 Army products to include the creation of the Rapid Fielding Initiative which lead to the equipping of over 700,000 Soldiers deploying to Iraq and Afghanistan.

During his Army career, he managed foreign military sales in Saudi Arabia, Kuwait and the Egyptian Tank co-production program. Moran also worked for the German firm IABG under the US-German Scientist and Engineer Exchange program. While serving as the Commandant of the Defense Acquisition University, he managed the five campuses responsible for training and educating the Department of Defense Acquisition workforce.

Moran was awarded Master of Science degrees from both the Industrial College of the Armed Forces and the Aeronautics and Astronautics Department of The Air Force Institute of Technology at Wright-Patterson Air Force Base. He was awarded a Bachelor of Science degree in Engineering from the U.S. Military Academy, West Point. He serves on the Photonis Board and was a consultant for the Army Science Board. He is a frequent speaker and author on defense topics.
Brigadier General (BG) John George grew up as an Army "Brat" living on various Army posts across the United States and abroad. He is a 1988 graduate of the United States Military Academy (USMA) at West Point, NY. During his 26 years of service, BG George has held command and staff assignments in the 4th Infantry Division, Fort Carson; 101st Airborne Division (Air Assault), Fort Campbell; The United States Military Academy, West Point; NATO Joint Command Southeast, Izmir Turkey; Headquarters Department of the Army, The Pentagon; and United States European Command, Stuttgart Germany. His deployments include Operation Joint Guardian (NATO), Kosovo, where he served as Chief of Force Issues and Requirements and Operation Enduring Freedom, Afghanistan, as the Chief, Afghanistan National Police Force Management Branch.

BG George assumed the duties of the Director, Capabilities Developments, Army Capabilities Integration Center, on 12 June 2015. Prior to his assignment to TRADOC, he served as the Deputy Director, Program Analysis and Evaluation, Office of the Deputy Chief of Staff, G-8.

BG George is a graduate of the Infantry Officer Basic and Advanced Courses; Command and General Staff College; Force Management Course; and the Industrial College of the Armed Forces. BG George holds a Master of Science in Social Psychology from Pennsylvania State University and a Master of Science in National Resource Strategy from the Industrial College of the Armed Forces, Washington, DC.

His awards include the Legion of Merit, Bronze Star Medal, Defense Meritorious Service Medal (with Oak Leaf Cluster), Meritorious Service Medal (with 3 Oak Leaf Clusters), the Joint Service Commendation Medal and a various other awards. BG George has also earned the Ranger Tab, Expert Infantryman Badge, Parachutist Badge, Air Assault Badge, and the Army Staff Identification Badge.

BG George is married to the former Shannon C. Wright. They have three sons: John, Brady and Garrett.
Lt. Gen. Michael E. Williamson assumed his duties as the Principal Military Deputy to the Assistant Secretary of the Army for Acquisition, Logistics and Technology (ASA(ALT)) and Director of Acquisition Career Management on April 4, 2014.

Born in Tucson, Arizona, he was commissioned at the University of Maine as a Second Lieutenant in the Air Defense Artillery in 1983.

His earliest assignments include Chaparral Platoon Leader, Vulcan Platoon Leader, Maintenance Officer and Executive Officer in C Battery, 108th Brigade, Hahn Air Force Base, Germany. After attending the Air Defense Artillery Advanced Course, he commanded B Battery, 3/1 ADA (Hawk) in the 11th Brigade at Fort Bliss, Texas and B Battery, 3/1 ADA BN, 31st ADA BDE at Ft. Hood, Texas. His acquisition experience began as Senior Military Software Analyst at NATO’s military headquarters in Mons, Belgium. After attending Command and General Staff College, Lt. Gen. Williamson served as the Chief of Information Technology, Acquisition Career Management, within the Office of the ASA(ALT). As a Congressional Fellow he served as a legislative assistant on Capitol Hill. LTG Williamson has served as Product Manager for the Global Command and Control System-Army; the Acquisition Military Assistant to the Secretary of the Army; Commander of Software Engineering Center-Belvoir; Project Manager Network Systems Integration within Program Manager, Future Combat Systems (Brigade Combat Team); Director of Systems Integration within ASA(ALT); Deputy Program Executive Officer, Integration and Joint Program Executive Officer for the Joint Tactical Radio Systems. After serving as the Assistant Deputy for Acquisition and Systems Management, Lt. Gen. Williamson was selected to be the Assistant Military Deputy to the ASA(ALT). His most recent assignment was as the Deputy Commanding General, Combined Security Transition Command-Afghanistan.

Lt. Gen. Williamson's awards and decorations include the Defense Superior Service Medal, the Legion of Merit with three Oak Leaf Clusters, the Bronze Star Medal, the Meritorious Service Medal with two Oak Leaf Clusters, the Joint Service Commendation Medal, the Army Commendation Medal with two Oak Leaf Clusters, the Joint Service Achievement Medal, the Army Achievement Medal with two Oak Leaf Clusters, and the Army Staff Identification Badge.

Lt. Gen. Williamson’s education includes a Bachelor of Science from Husson College in Business Administration, a Master of Science in Material Acquisition Management from the Naval Postgraduate School and a PhD in Business Administration from Madison University. He also has graduate certificates in Public Policy from the JFK School of Government at Harvard University and the Government Affairs Institute at Georgetown University. He is a graduate of the Army Command and General Staff College, the Advanced Management Program at the Harvard Business School and was a Senior Service College Fellow at the University of Texas at Austin. Lt. Gen. Williamson is Level III certified in Program Management and Information Technology.
Brigadier General Bill Burleson graduated from the United States Military Academy and was commissioned in the Infantry in May 1988.

Brigadier General Burleson’s initial assignment was as an infantry platoon leader in the 7th Infantry Division (Light), Fort Ord, California which included service in the Multi-National Force and Observers, Sinai, Egypt and the Invasion of Panama. He also served as platoon leader and assistant operations officer in 1st Battalion, 75th Ranger Regiment, Savannah, Georgia.

He commanded companies in the airborne battalion combat team, Vicenza, Italy, which included service as the initial entry force in Bosnia-Herzegovina. Upon returning from Italy, he served as a plans officer in the 75th Ranger Regiment, Fort Benning, Georgia and then as aide to the Commanding General, U.S. Army Training and Doctrine Command, Fort Monroe, Virginia.

As a Major he served in the 82nd Airborne Division, Fort Bragg, North Carolina with service in Kosovo and Afghanistan. He also served as aide to the Commanding General, XVIIIth Airborne Corps with duty in the Combined Joint Task Force Afghanistan and Multinational Corps-Iraq.

Brigadier General Burleson commanded 1st Battalion, 87th Infantry, 1st Brigade Combat Team, 10th Mountain Division, Fort Drum, New York which included a year in Multi-National Division Baghdad, Iraq. After attending the Army War College, he took command of 1st Brigade, 10th Mountain Division which included a year in Regional Command-North, Afghanistan. Upon completion of brigade command, he served as the Commander of the Joint Readiness Training Center’s Operations Group at Fort Polk, Louisiana; and most recently was the Deputy Commanding General (Operations), 7th Infantry Division, Joint Base Lewis McChord, Washington.

Brigadier General Burleson holds Masters Degrees in Strategic Studies from the Army War College and in Military Art and Science from the Command and General Staff College.

Since August, 2014, he is serving as the Director, Mission Command Center of Excellence.
Colonel Michael J. Thurston was commissioned in May 1988 into the Signal Corps with initial duty as Platoon Leader and Executive Officer, C Company, 11th Air Defense Signal Battalion; and later as Information Systems and Radio Officer for the 32nd Army Air Defense Command, Darmstadt Germany. Other assignments include Signal Officer 3rd Squadron, 17th Cavalry, 10th Mountain Division; Commander, Headquarters, Headquarters Company, 10th Aviation Brigade; Commander, C Company 10th Signal Battalion; and Commander, Wire and Support Maintenance Troop, Regional Signal Group SHAPE, Belgium.

His acquisition assignments include: Assistant Executive Officer Headquarters Department of the Army Chief Information Officer- G-6; Product Manager Joint Tactical Radio Systems (JTRS) Ground Mobile Radios; Assistant Product Manager Joint Network Node; Communications Electronics-Life Cycle Management Command Trail Boss -101st Airborne Division; Assistant Project Manager and System Engineer Warfighter Information Network-Tactical; Assistant Product Manager JTRS; and Chief Concepts Branch, Directorate of Combat Developments, US Army Signal Center.

COL Thurston has deployed twice in support of Operations Iraqi Freedom, first as the PEO C3T Operations Officer and Liaison to the Combined Forces Land Component Command and again as Trail Boss with the 101st Airborne Division. He also deployed with the 10th Mountain Division to Haiti in support of Operation Uphold Democracy.

COL Thurston holds both a Bachelor of Science Degree and Master of Science Degree in Electrical Engineering from Worcester Polytechnic Institute, a Master of Science Degree in National Resource Strategy from the Industrial College of Armed Forces and has completed the Executive Program Management Course, Army Command and General Staff College, Signal Officer Advanced and Basic courses and the Army Systems Automation Course.

His awards include the Legion of Merit, Bronze Star Medal, Defense Meritorious Service Medal with Oak Leaf Cluster (OLC), Meritorious Service Medal with two OLC, Army Commendation Medal with three OLC, Army Achievement Medal, National Defense Service Medal with Bronze Star, Armed Forces Expeditionary Medal, Iraq Campaign Medal, Global War on Terrorism Expeditionary Medal, Global War on Terrorism Service Medal, Humanitarian Service Medal, Armed Forces Reserve Medal and the Parachute Badge. COL Thurston is also authorized the Meritorious Unit Citation, Joint Meritorious Unit and Army Superior Unit Awards and the Army Staff Identification Badge.

COL Thurston is married to the former Anne Marie Tourville and has five children.
William W. Weiss
Vice President and General Manager, Ground Systems

As Vice President of Ground Systems, Bill Weiss is responsible for leading the General Dynamics Mission Systems line of business focused on military networks, networked computing and mission command systems, training and range solutions, and public safety networks.

Weiss is responsible for achieving and maintaining a leadership position in communication and networking systems for major Department of Defense and government customers. Programs and business efforts under Weiss’ direction include the U.S. Army’s Warfighter Information Network-Tactical (WIN-T), the U.S. Marine Corps Common Aviation Command and Control System (CAC2S), the U.S. Army Range Radar Replacement Program (RRRP), a portfolio of mission command systems including the U.S. Army’s Command Post of the Future (CPoF) and Tactical Ground Reporting System, and mission critical networks for public safety.

Weiss is a 31-year veteran of General Dynamics Mission Systems and assumed his current responsibilities following significant program achievements in multiple communications and information technology management and engineering positions.

Weiss holds a Bachelor of Science in Systems Engineering and a Master of Science in Computer Systems Engineering from Boston University.
David DeVries became the Department of Defense Principal Deputy Chief Information Officer on March 22, 2015. Previously he served as the Acting Department of Defense Principal Deputy Chief Information Officer.

Mr. DeVries joined the DoD CIO in May 2009 as the Deputy CIO for Information Enterprise, where he was responsible for integrating DoD policies and guidance to create information advantages for Department personnel and organizations, and DoD mission partners. Since August 2010, Mr. DeVries has been deeply involved in several efforts including moving the Department towards adopting a Joint Information Enterprise (JIE) based on a single, secure, reliable DoD-wide IT architecture; realizing Secretary of Defense IT efficiencies; creating the way ahead for improved DoD - Veterans Affairs Electronic Health record exchange capability; and establishing key enabling capabilities to achieve the DoD Information Enterprise.

Mr. DeVries holds a Bachelor of Science from the United States Military Academy, and a Master of Science in Electrical Engineering from the University of Washington in Seattle, WA. He is also a graduate of the Army Senior Service College and served as a Corporate Fellow with IBM Business Consulting Services while participating in the Secretary of Defense Corporate Fellowship Program.
Stephen P Corcoran
Director of Cyber Strategy
Telos Corporation

Steve serves as the Director for Cyber Strategy for the Telos Corporation. In this capacity, Steve is responsible for the research and development of operational frameworks and capabilities that address significant cyber challenges for the US Government and commercial industry. Steve has been an integral part of the design and development process for a number of innovative products and is a joint patent holder on several of those capabilities.

Prior to the Telos Corporation Steve served 28 years in the United States Marine Corps retiring in 2012 as a Colonel. He commanded at every level, held several positions of National significance with conventional and special operations units and has been decorated for heroism and distinguished service on multiple occasions.

Abstract: “Visualizing the Cyber Domain”
Telos Corporation has designed and built an innovative capability that visualizes the human, physical and cyber domains and maximizes existing capabilities for the collection of data, information and intelligence to assist analysts, planners, decision makers and executers. The interrelationship of human, physical and cyber is where we strive to find where the intersection of the adversary’s intent and goal begins so organizations can identify, track, and respond to leading indicators on multiple planes.

Identifying interrelationships begins by defining where various planes and environments meet. The geospatial plane has a natural relationship with the infrastructure environment and the networked cyber environment. Physical objects and networks need to reside somewhere geospatially and proximity matters to an adversary. When the dynamic human dimension of personas, individuals and factions are factored into the physical and cyber environments, organizations can begin to collect, correlate and synchronize information that helps to determine adversary interest and intent.

The visualization of the cyber domain is critical for all operations. By providing a framework and methodology for defining the nature of the physical and cyber environments, organizations can begin to define what is possible operationally. Previous attempts at defining almost boundless environments (Physical/Cyber) have not been traditionally met with success. Our framework allows, analysts, planners, decision makers and executers to focus their information and intelligence collection, correlation and synchronization from a geospatial perspective; bound the collection of all sources within a defined area or from an event or subject methodology; bound the collection that is in response to an event or what the organization is interested in.

Our technical approach incorporates the following: (A) Interoperability with existing and legacy systems, (B) Sharing of information with defined access controls, (C) Access to real time and near real time information in any format. (FMV/Video/Social Media/Database/IP Camera/IP Sensors), (D) Geospatial data agnostic and user customized to Google Earth/Bing NGA custom feeds etc., (E) Mobile, multi-user and multi-touch optimized for extending the capability and accessing information and intelligence, (F) User defined dashboard functionality, (G) web or thick client based within a secure cloud with advanced security protocols.
SUSAN S. LAWRENCE

SENIOR VICE PRESIDENT

BOOZ ALLEN HAMILTON

Booz Allen Hamilton Senior Vice President Susan S. Lawrence is a leader in the firm’s defense business. As a seasoned technology leader and retired senior military officer, she supports a number of businesses and initiatives that cut across the defense and security markets. These include Command, Control, Communications, and Computers (C4); Intelligence, Surveillance, and Reconnaissance (ISR); enterprise IT; joint information environments; cyber; integrated mission systems; and emerging technologies.

Ms. Lawrence enlisted in the US Army in 1972, received her commission as an officer in 1979, and retired in 2013, after having attained the rank of Lieutenant General and serving as the Army’s Chief Information Officer (CIO) and G-6. Prior to that role, she served as the Commanding General for the Army’s Network Enterprise Technology Command (NETCOM). Ms. Lawrence had end-to-end responsibility for Army C4 and Army Enterprise IT.

She had scores of command and staff assignments during her Army career, mostly within the Army Signal Corps, including assignments leading network, C4, and IT functions during recent operations in Iraq and Afghanistan.

Ms. Lawrence received her commission from Campbell University, North Carolina. She holds an MS degree in Information Systems Management from the University of Georgia, and is a graduate of the Army War College and the Army Signal School.

profile updated February 2014
Lieutenant General Mark Bowman  
*Director, Command, Control, Communications and Computers/Cyber, J6*

Lieutenant General Mark S. Bowman is the Director Command, Control, Communications and Computers (C4) / Cyber, Chief Information Officer, Joint Staff, J6/CIO, the Pentagon, Washington, D.C. He develops C4 capabilities; conducts analysis and assessments; provides Joint and Combined Force C4 guidance, and evaluates C4 requirements, plans, programs and strategies for the Chairman of the Joint Chiefs of Staff.

Most recently, he served as the Director of Architecture, Operations, Networks, and Space, Office of the Army CIO/G-6 for establishing and maintaining strategy, policy, and guidance to build, integrate, communicate, and facilitate the seamless implementation of the Army’s network (LandWarNet) in a Joint and Coalition environment.

Lieutenant General Bowman was commissioned as a Second Lieutenant on 28 May 1978. He has served in several joint and operational assignments and has commanded at every level from company to Signal Brigade.

His Army staff assignments have been as Supply Officer and Training Officer, 2nd Battalion, 1st Signal Training Brigade, Fort Gordon, GA; Communications Systems Engineer and Chief, Force Structure Branch, 5th Signal Command, Germany; Project Officer and Chief, Concepts Branch for Concepts and Studies Division, Combat Development Directorate, Fort Gordon, GA; Operations Officer, 67th Signal Battalion, Fort Gordon, GA; Executive Officer and Staff Officer for Modernization and Integration for Tactical Systems Directorate, Office of Director of Information Systems for Command, Control, Communications, and Computers (C4), Washington, DC; and Assistant Chief of Staff (Operations), 9th Signal Command (Army), Fort Huachuca, AZ. His Joint staff assignments included Staff Officer for C4 Systems Directorate, National Military Command System, Joint Chiefs of Staff, Wash., D.C.; Chief, Operations Division, Joint Staff Support Center, Defense Information Systems Agency (DISA), Wash., D.C.; Chief of Staff, DISA, Arlington, VA; and Director, J-6, US Central Command, MacDill Air Force Base, FL.

He commanded D Company, 6th Battalion, 1st Signal Training Brigade, Fort Gordon, GA; 54th Signal Battalion, Saudi Arabia; Joint Staff Support Center, DISA, Washington, DC; and 11th Signal Brigade, Fort Huachuca, AZ, which deployed to the Middle East for OPERATION ENDURING FREEDOM; and Deputy Commanding General (Support), Network Enterprise Technology Command/9th Signal Command (Army), Arlington, VA.

Lieutenant General Bowman has a Bachelor’s Degree in History from Norwich University, VT, where he received his commission. He holds a Master’s Degree in Public Administration from Shippensburg University, PA.
Dennis C. Moran is the vice president of U.S. DoD Business Development, RF Communications Division. In this capacity, he reports to the DOD business unit president.

Prior to this, he was the senior executive account manager (SEAM) and vice president of the Department of Defense programs, Defense Communications and Electronics (DCE).

Mr. Moran is responsible for managing Harris’ strategic engagement across DoD. This strategic engagement allows us to better understand our customers and to match Harris’ capabilities to their needs.

Prior to joining Harris, Mr. Moran served 31 years in the U.S. Army, reaching the rank of Major General. His final assignment was as the Vice Director for Command, Control, Communications and Computers (J6) on the Joint Staff.

Mr. Moran holds a B.S.E.E. from the University of Notre Dame and an M.B.A. from the University of Colorado.

Mr. Moran is an active member of the AFCEA, AUSA, and NDIA.

Harris is an international communications and information technology company serving government and commercial markets in more than 150 countries. Harris is dedicated to developing best-in-class assured communications® products, systems, and services.
Dr. David M. Markowitz
Technical Advisor to the Deputy Chief of Staff, G-3
Office of the Deputy Chief of Staff, G-3
Headquarters, Department of the Army
Washington, D.C.

Dr. Markowitz was selected to the Senior Executive Service in February 2005. Since September 2007, he serves as the Technical Advisor to the Deputy Chief of Staff, G-3 and is the Director of Capabilities Integration, Prioritization, and Analysis, G-3/5/7. He oversees materiel requirements development for the current and future force, G-3/5/7 analysis, experimentation, and testing priorities, and budgeting and resource prioritization recommendations to the G-3/5/7.

From his appointment to the Senior Executive Service until his current position, Dr. Markowitz served as the Technical Director of the Center for Army Analysis. There, he oversaw all Center for Army Analysis support to Headquarters, Department of the Army associated with the Quadrennial Defense Review, the analytic agenda, and the analysis of Irregular, Disruptive, and Catastrophic challenges. He also was responsible for ensuring the quality of analysis performed by the Center’s reach-back support to Operation Iraqi Freedom and Operation Enduring Freedom.

CAREER CHRONOLOGY:

• 1998 – 2005: Director of the Simulation and Analysis Center, Office of the Director, Program Analysis and Evaluation, Office of the Secretary of Defense
• 1996 – 1998: Logistics Management Institute, VA

COLLEGE:

• PhD, Operations Research, Massachusetts Institute of Technology, 1996
• AM (Magna Cum Laude), Mathematics, Harvard University, 1992
• AB (Magna Cum Laude), Mathematics, Harvard University, 1992
AWARDS AND HONORS:
- Department of the Army Decoration for Exceptional Civilian Service, 2007
- Office of the Secretary of Defense for Exceptional Civilian Service, 2005
- Chairman of Joint Chiefs of Staff Joint Meritorious Civilian Service Award, 2001
- Dana Reed Prize for Undergraduate Journalism, 1990

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS:
- Institute of Operations Research and Management Science
- Military Operations Research Society

MAJOR PUBLICATIONS:
- “Strategic Weapons in the Third World,” Harvard International Review, vol.12, no.1, Fall 1989, p.56-59. (Received Dana Reed Prize for Undergraduate Journalism).
Brigadier James Illingworth was educated at Wellington College and Leicester University before being commissioned into the United Kingdom’s Army Air Corps in 1989. He spent nine months as an infantry platoon commander with the 1st Battalion Royal Irish Rangers in Osnabruck, Germany, before completing the Army Pilots Course and Lynx conversion course in 1990. A busy, three year tour in Northern Ireland followed, before moving to instruct officer cadets at the Royal Military Academy Sandhurst as a platoon commander and then a year as the Old College Adjutant.

In 1995 he was posted to 3 Regiment AAC as the Operations Officer, initially deploying with 24 Airmobile Brigade to Ploce in Croatia for 3 months. A further tour in the Balkans followed in 1997 as the SO2 Air/Avn in HQ MND(SW) in Banja Luka supporting HQ 7 Armoured Brigade.

He completed the Joint Services Command and Staff Course in 1999 to become the first Military Assistant to the Commander Joint Helicopter Command (JHC) in the newly formed JHC at Army Headquarters. In August 2001 he took command of 657 Squadron AAC in the newly established Joint Special Forces Aviation Wing (JSFAW) at RAF Odiham where he commanded on operations in the Balkans and Middle East.

Selected for promotion to Lieutenant Colonel in 2003, he conducted a two and half year staff tour in the Ministry of Defence in the Directorate of Joint Commitments (now the Operations Directorate) as the SO1 Land. Subsequently he returned to RAF Odiham in 2006 as CO JSFAW commanding and overseeing aviation support to SF operations and training with a variety of aircraft types including the CH47, Lynx Mk7 and Defender 4000 fixed wing aircraft.

He returned to Army Headquarters as Assistant Director Organisation & Plans in the autumn 2008, and attended the Higher Command and Staff Course in 2009. In June 2010 he promoted into the JHC Deputy Commander and Chief of Staff post, alongside also being the Director Army Aviation.

He took over as Military Attaché and Head of the British Army Staff – United States in August 2013.

His interests include travel, all sports, but in particular cricket, skiing, squash, real tennis, or court tennis as it is known in the US, and rackets. He is also a keen salmon fisherman. He is married to Sam and has three children, Ollie, Jemima and Phoebe.
Richard P. Formica
Lieutenant General (USA-Ret.)
Vice President, CALIBRE Systems

LTG(R) Richard P. (Dick) Formica joined CALIBRE in June 2014 after 36 years of service in the U.S. Army. He is a career field artillery/fire support officer with experience in leadership, operations, and training. He has senior executive level experience in force management and space and missile defense. He served as the Commanding General, Combined Security Transition Command – Afghanistan; Commanding General, III Corps Artillery and the Joint Fires and Effects Coordinator/Force Field Artillery Commander in Multi-National Corps – Iraq; Acting Deputy Director Political – Military Affairs (NATO/Europe) on the Joint Staff; and as the Director of Force Management for the U.S. Army. His final assignment was as the Commanding General, U.S. Army Space and Missile Defense Command and U.S. Strategic Command’s Joint Functional Component Command for Integrated Missile Defense.

At CALIBRE, LTG(R) Formica is responsible for strengthening CALIBRE’s position in force management and leader development and for establishing the CALIBRE brand in the space and missile defense sector. He represents CALIBRE at a variety of government and business fora.

He received a Bachelor of Science Degree in Law Enforcement from Bryant University in Smithfield, Rhode Island; a Master’s Degree in Military Arts and Science from the U.S. Army Command and General Staff College; and a Master’s Degree in National Strategic Studies from the National War College.

He is married to Diane Hampton Formica. They have four adult children, Jeffrey, Jonathan, James, and Michelle, three daughters-in-law and seven grandchildren.
Mr. Karl F. Schneider was appointed as the Principal Deputy Assistant Secretary of the Army (Manpower & Reserve Affairs) on July 5, 2009. In this position, Mr. Schneider provides oversight of all planning, analysis and assessment support to the Assistant Secretary of the Army (Manpower & Reserve Affairs), and serves as a principal advisor on Total Force manpower and personnel policy. He served as the Acting Assistant Secretary of the Army (Manpower and Reserve Affairs) from September 20, 2013 until April 18, 2014. Prior to this appointment, he served as the Assistant Deputy Chief of Staff, G-1 from October 2006, where he assisted the Army G-1 in managing Army officers, soldiers, civilians and personnel plans and programs.

Mr. Schneider’s first position in the Senior Executive Service began in October 1997 when he was appointed as the Deputy Assistant Secretary (Army Review Boards), and Director of the Army Review Boards Agency. He was responsible for the oversight and operations of 10 Army personnel boards, including the Army Board for the Correction of Military Records, the Army Discharge Review Board, and the Army Clemency and Parole Board.

CAREER CHRONOLOGY:
- Sep 1987 – Jul 1997: Legislative Counsel, Office of the Chief of Legislative Liaison, Headquarters, Department of the Army, Washington, DC
- Feb 1980 – Sep 1983: Judge Advocate, Administrative Law Division, Office of the Judge Advocate General, Headquarters, Department of the Army, Washington, DC
- Jan 1978 – Feb 1980: Assistant Staff Judge Advocate, Headquarters, U.S. Army Quartermaster Center, Fort Lee, VA

COLLEGE:
- LL.M., Georgetown University Law Center, 1981
- J.D., Fordham University School of Law, 1977
- BA, Social and Behavioral Sciences, The Johns Hopkins University, 1974
SIGNIFICANT TRAINING:
- Industrial College of the Armed Forces (Distinguished Graduate), 1993
- Judge Advocate Basic Course, 1978

CERTIFICATIONS:
- Admitted to Bar, New York, 1978
- Admitted to Bar, District of Columbia, 1984

AWARDS AND HONORS:
- Presidential Rank Award – Distinguished Executive, 2011
- Presidential Rank Award – Meritorious Executive, 2001
- Secretary of the Army Decoration for Exceptional Civilian Service, 2006, 2000
- Defense Meritorious Service Medal
- Meritorious Service Medal (Oak Leaf Cluster)

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS:
- Association of the United States Army
- Judge Advocates Association

MAJOR PUBLICATIONS:
Mr. Gary C. Wang was selected for the Senior Executive Service in March 2005. He assumed the Army Deputy Chief Information Officer/G-6 position on November 1, 2014. In this role, he oversees a $10 billion investment portfolio for implementation of an enterprise network infrastructure and strategy that deliver a responsive, effective, secure, collaborative and trusted environment of communication, information and technological superiority for the Army and its mission partners. Mr. Wang also manages Army information technology policy compliance and synchronizes delivery of operational command, control, communications, computers and IT capabilities to support warfighters and business users and enable joint information dominance.

Mr. Wang previously served as Director of Intelligence Systems and Architectures, Office of the Under Secretary of Defense for Intelligence, where he had executive oversight of numerous intelligence programs across the Services and defense agencies.

Mr. Wang also held several positions at the Space and Naval Warfare Systems Command (SPAWAR), including Director of Corporate Operations and the Command Information Office, and Chief Technology Officer and Director of the Science, Technology and Engineering Department at SPAWAR Systems Center Pacific.

Mr. Wang began his federal career in 1983 at the Naval Underwater Systems Center as a project engineer. From 2001 to 2004, he was Program Manager for Intelligence, Surveillance, Reconnaissance and Information Operations, where he was responsible for development and acquisition of Navy cryptologic, meteorological, operational effects and intelligence programs.

Mr. Wang also served as Executive Assistant for IT at the Program Executive Office for Space Communications and Sensors, Division Director for Technology Transition, and Assistant Program Manager for Combat Direction Finding.

Mr. Wang holds a B.S. from the University of Texas at Austin (1983). He has earned two Special Act Awards and three Navy Superior Civilian Service Awards.
Mr. Ronald W. Pontius serves as the Deputy to the Commanding General, U.S. Army Cyber Command and 2nd Army. In this capacity, he manages and provides strategic direction to all aspects of Army Cyber Command and 2nd Army operations to include planning, coordinating, integrating, synchronizing and supervising organization efforts for the conduct of full spectrum Cyberspace operations to include DoD Information Network (DODIN) operations, Defensive Cyberspace Operations (DCO) and Offensive Cyberspace Operations (OCO). Mr. Pontius serves as a Senior Advisor, providing authoritative expert advice on all aspect of Cyberspace operations, force structure and organizational concepts, and oversees strategic support planning and resourcing strategy to enable the Army to achieve the right mix of cyber capabilities for the future.

Prior to his current assignment, Mr. Pontius served as the Director for Command and Control (C2) and Intelligence, Surveillance, and Reconnaissance (ISR) within the Office of the Undersecretary of Defense for Acquisition, Technology and Logistics (USD(AT&L)), providing functional and acquisition oversight for all C2 and ISR programs across the Department of Defense (DoD). Prior to this, Mr. Pontius served as the Director of Executive Programs at the Defense Acquisition University School of Program Managers. In this capacity he mentored senior Program Managers and Program Executive Officers in the art of successfully leading and managing major defense acquisition programs and major automated information systems. Prior to these assignments, Mr. Pontius had a distinguished military career in the U.S. Army Signal Corps with over 26 years of operational and major acquisition assignments.

Mr. Pontius holds a Bachelors of Science degree in Electrical Engineering and Business Administration from Carnegie-Mellon University, a Masters of Science degree in Business Administration from Boston University, and a Masters degree in National Resource Strategy from the Industrial College of the Armed Forces, National Defense University.
Major General Stephen G. Fogarty

Major General Stephen G. Fogarty, a native of Savannah, Georgia, was commissioned as a Second Lieutenant in the Military Intelligence branch in May 1983, after earning his Bachelor of Arts in History at North Georgia College. He also holds a Master of Science in Administration from Central Michigan University, and a Master in Strategic Studies from the U.S. Army War College. His military education includes Airborne School, the Military Intelligence Officer Basic and Advanced Courses, Ranger School, Jumpmaster Course, Combined Arms & Services Staff School, Long Range Surveillance Leaders Course, U.S. Army Command and General Staff College, U.S. Army War College, and the CAPSTONE General and Flag Officer Course.

After completing the Military Intelligence Officer Basic Course at Fort Huachuca, AZ, Major General Fogarty was assigned to the 101st Airborne Division (Air Assault), Fort Campbell, KY, where he served as a platoon leader in the 311th MI Battalion and as an S-2 in 2nd Battalion, 3-27 Infantry, before moving to the Division G-2, where he served as the Tactical Surveillance Officer and Assistant Division Intelligence Collection Manager. He completed the Military Intelligence Officer Advanced Course at Fort Huachuca, AZ, in 1987. From 1988 to 1991, he was stationed at Fort Lewis, WA, assigned as the S-2 for the 2nd Battalion, 75th Ranger Regiment, to include a deployment for Operation Just Cause.

His next assignment was Schofield Barracks, HI, where he served in the 25th Infantry Division (Light) as a Brigade Liaison Officer and the Long Range Surveillance Detachment Commander in the 125th MI Battalion, as well as the Tactical Surveillance Officer and Operations Officer in the Division G-2. After graduating in 1995 from the Command and General Staff College at Fort Leavenworth, KS, he returned to the 101st Airborne Division (Air Assault) G-2 as Chief, Plans and Exercises, and Chief, Analysis and Control Element, before rejoining the 311th MI Battalion as the Battalion S-3.

From 1998-1999, Major General Fogarty was assigned to Fort Benning, GA, as S-2 of the 75th Ranger Regiment, before returning a third time to Fort Campbell as G-2, 101st Airborne Division (Air Assault). He served as commander of the 732nd MI Battalion in Schofield Barracks, HI, from 2000-2002, before moving to Carlisle Barracks, PA, to attend the Army War College. After graduation in 2003, he served as Chief, Integrated Survey Program, for the United States Special Operations Command out of MacDill Air Force Base, FL, to include deploying to Afghanistan as a JSOTF J2 in support of Operation Enduring Freedom. Assigned to Fort Gordon in 2005, he served for two years as commander of the 116th MI Group and National Security Agency-Georgia.

Major General Fogarty then returned to Afghanistan as Director, Joint Intelligence Operations Center—Afghanistan, from 2007 to 2008, before assuming duties as Director of Intelligence, J-2, United States Central Command, MacDill Air Force Base, FL, 2008-2010. He returned to Afghanistan for a third time 2010-2012 to serve as Deputy Chief of Staff, Intelligence, CJ-2, for NATO’s International Security Assistance Force, before moving to Fort Belvoir, VA, to assume duties as Commanding General, U.S. Army Intelligence and Security Command, from 2012-2014. He most recently served as Special Assistant to the Director of the Army Staff, Office of the Chief of Staff, in Washington, DC.

Major General Fogarty's awards and decorations include: the Defense Superior Service Medal (3 awards), Legion of Merit, Bronze Star Medal (2 awards), Defense Meritorious Service Medal, Meritorious Service Medal (5 awards), Joint Service Commendation Medal, Army Commendation Medal (2 awards), Army Achievement Medal (4 awards), Joint Meritorious Unit Award (2 awards), National Defense Service Medal (2 awards), Armed Forces Expeditionary Medal w Arrowhead, Afghanistan Campaign Medal w/Campaign Star (3 awards), Global War on Terrorism Expeditionary Medal, Global War on Terrorism Service Medal, Humanitarian Service Medal, the NATO Non-Article 5 Medal for Afghanistan, Master Parachutist Badge (w/bronze star), Air Assault Badge, and the Ranger Tab.
Brigadier General Mitchell L. Kilgo, USA

Deputy Chief of Staff, G-6 and
Chief Information Officer
U.S. Army Forces Command

Brigadier General (BG) Mitchell L. Kilgo currently serves as the Chief Information Officer and G6 of US Army Forces Command, Fort Bragg, North Carolina. He was commissioned in 1987 and entered active duty in January of 1988. He earned a Bachelor of Science Degree in Mathematics and Natural Sciences from Virginia Union University in 1987, a Master of Science Degree in Systems Technology, (Joint Command, Control, and Communications) from the Naval Postgraduate School in 1995 and a Master of Science Degree in National Security Strategy from the National War College in 2009.

BG Kilgo has served in a variety of command and staff positions. Some of the highlights include: Signal Officer, 1st Battalion, 503rd Infantry Regiment, 2nd Infantry Division; Commander, Support Company, 1111th Signal Battalion, Fort Ritchie, Maryland, and Site-R; Deputy G6 and Executive Officer, 122d Signal Battalion, 2nd Infantry Division; Chief Information Assurance and Computer Network Defense Division, Army Network Operations and Security Center, Fort Belvoir, Virginia; Commander, 78th Signal Battalion and G6 US Army Japan, Camp Zama, Japan; Chief Spectrum and IED-Defeat Branches, The Joint Staff, J6; Deputy CIO/J6 Multi-National Forces Iraq; Commander, 2nd Signal Brigade, Wiesbaden, Germany; Executive Officer (XO) to the Commanding General, US Africa Command, and Commander, 5th Theater Signal Command, Wiesbaden, Germany.

BG Kilgo is a graduate of the National War College, Command and General Staff College, and Signal Officer Basic and Advanced Courses.

His awards and decorations include the Defense Superior Service Medal, Legion of Merit (2 OLC), Bronze Star with OLC, Defense Meritorious Service Medal, Meritorious Service Medal (5 OLC), Army Commendation Medal (2 OLC), Army Achievement Medal, Air Force Achievement Medal, Iraqi Campaign Medal, Korean Defense Service Medal (1), Global War on Terrorism Service Medal, National Defense Service Medal with Bronze Star, Army Service Ribbon, Overseas Service Ribbon (4). He is also authorized to wear the Joint Staff Identification Badge, Parachute Badge, and the Signal Corps Regimental Bronze Order of Mercury.