Announcing an Outstanding Cutting-Edge Symposium on...

DEFENSE AND HOMELAND SEC







STRATEGIES, PLANS, CHALLENGES, & OPPORTUNITIES

Over 25 Leading Experts from:

DoD/CIO, Army (MCCoE, BMC, RDECOM), USCG (C4IT), DHS, DISA, DARPA, NRO, FCC, Google, Apple, Intel, Motorola, ViaSat, Adobe, AT&T, DMI, SteelCloud, Thermopylae, VMware, Invincea, Fixmo, and AOptix will examine:

- **Special Presentations by:**
 - Rear Admiral Robert Day Jr., USCG, C4IT, Cyber (CG-6)
 - Mr. Michael McCarthy, USA Brigade Modernization Command
 - Mr. Keith Trippie, Office of the CIO, DHS
 - Mr. Jeffrey Witsken, USA, CSDA/MCCoE
- Government and Military Smartphones & Handheld Device Policies, Plans, Needs and Latest Initiatives
- Future Needs and Emerging Capabilities for Smartphone and **Handheld Device Platforms**
- **Next-Generation Smartphone & Handheld Device Tactical Apps**
- The Latest Approaches to Dealing with Security and Spectrum in **Tactical and BYOD Environments**



Washington, DC **October 30-31, 2013**

Symposium Management by: **Technology Training Corporation**







Smartphones and Handheld Devices for Defense and Homeland Security Strategies, Plans, Challenges & Opportunities

As more and more tactical, business, and social media capabilities migrate to smartphones and handheld devices, DoD and Homeland Security organizations have been tasked with finding a way to permit these capabilities to flourish and expand while ensuring that security and warfighter protection are maintained and enhanced. Results from recent Army experiments with providing smartphones on the battlefield via the **Connecting Soldiers to Digital Applications** (CSDA) initiative have proven the "utility of using Smartphones across a full spectrum of military operations and domains with great results." These Army tests and evaluations are now providing the opportunity to **change how soldiers communicate, learn, and perform their mission.**

This outstanding two day symposium features senior **Government, Military and Industry experts** who are defining the newest requirements and developing cutting-edge strategies for deploying next generation smartphones and handheld devices. What role will smartphones and handheld devices play in developing mobile enterprise strategies? What is the **status of CSDA** and other initiatives? What are the capabilities and limitations of current **smartphone platforms**? What does the future hold? What **new Transformative Apps are emerging** for ISR, tactical support, video streaming and analytics, geo-fencing, remote diagnostics, logistics and inventory control, etc.? What are the emerging guidelines for selecting apps and building use cases? How do you build in multi-level security capabilities for deployed vs. non-deployed devices? These and numerous other critical questions will be addressed during this comprehensive symposium including incredible networking opportunities and exhibiting opportunities for showcasing product & services.

Our Distinguished Panel of Experts

Rear Admiral Robert Day Jr., USCG
Assistant Commandant, C4IT, Director, US Coast Guard Cyber (CG-6)
Mr. Michael McCarthy
Director, Operations, US Army Brigade Modernization Command

Mr. Keith Trippie Executive Director, Enterprise System Development, Office of the CIO, DHS

Mr. Jeffrey Witsken Chief, Network Integration Branch, US Army Combined Arms Center, Connecting Soldiers

to Digital Applications (CSDA), Mission Command Center of Excellence (MCCoE)

Mr. Gregory Youst Chief Mobility Engineer, Technology and Integration Division, CTO Office, DISA

Mr. AJ ClarkPresident, Thermopylae Sciences and Technology (TST)Mr. Mark RichProgram Manager, Strategic Technology Office, DARPA

Dr. Preston Marshall, PhD. Wireless Networking, Google, Inc.
Mr. Tim Powderly Government Affairs, Apple, Inc.

Mr. Julius Knapp Chief Engineer, Office of Engineering and Technology, FCC

Dr. Calvin Chue, PhD. Research Biologist, U.S. Army Research, Development and Engineering Command

Mr. Lenwood WashingtonSenior Systems Engineer, National Reconnaissance Office (NRO)Mr. Mark NortonSenior Engineer, Department of Defense, Office of the CIO, OSDDr. Nibir Dahr, PhD.Program Manager, Microsystems Technology Office, DARPA

Dr. Keith Gremban, PhD. Program Manager, Content Based Mobile Edge Networking (CBMEN), DARPA

Mr. Walid Ali Director, Mobility & Communications Group, Intel

Mr. Brian Hajost President & CEO, SteelCloud, Inc.

Mr. John Landwehr Vice President, Government Solutions, Adobe

Mr. Rick DotenChief Information Security Officer, Cyber Security, Digital Management, Inc.Mr. Thomas MihmChief Security Architect, Secure Products Group, Motorola Solutions, Inc.Mr. Jack GoldenTechnical Director, Secure Mobility Practice, AT&T Government Solutions

Mr. John-Isaac Clark Chief Innovation Officer, Thermopylae Sciences & Technology

Mr. Doran MichelsProgram Manager Transformative Apps, DARPAMr. Michael LackSenior Director of Mobile Research, Invincea, Inc.

Mr. Chuck Yort Vice President and General Manager, Identity Solutions, AOptix

Mr. Daniel Ford Chief Security Officer, Fixmo

Mr. Jon Korecki Lead, Secure, Secure Smart Phones, ViaSat

Mr. Mosa Emamjomeh Senior Systems Engineer, Federal End-User Computing, VMware

Smartphones and Handheld Devices

Washington, DC • October 30-31, 2013

Symposium Agenda

I. DoD and Government Plans, Needs and Opportunities – Exploiting Latest Smartphone and Handheld Device Capabilities and Future Mobile Strategies

"U.S. Coast Guard Smartphones Needs, Challenges & Opportunities"

REAR ADMIRAL ROBERT E. DAY, JR., Assistant Commandant for Command, Control, Communications, Computers & Information Technology, (C4IT) & Director, Coast Guard Cyber Command, Pre-Commissioning Detachment, U.S. Coast Guard

"DoD Mobile Strategy"

MR. MARK NORTON, Senior Engineer, Department of Defense, Office of the Chief Information Officer, Office of the Under Secretary of Defense (CIO/OSD)

Special Presentations:

"The Army's Connecting Soldiers to Digital Applications (CSDA) and Smartphone Integration Initiatives: "Mobile/Handheld Devices: Enabling Mission Command"

MR. JEFFREY WITSKEN

Chief, Network Integration Branch, US Army, Combined Arms Center, Connecting Soldiers to Digital Applications (CSDA) Team, Mission Command Center of Excellence (MCCoE)

"Army Smartphones & Handheld Devices Integration Needs, Challenges & Opportunities"

MR. MICHAEL McCARTHY

Director, Operations, US Army Brigade Modernization Command (BMC)

"Update on Spectrum Sharing for Mobile Devices at the Tactical Edge"

MR. JULIUS KNAPP, Chief Engineer, Office of Engineering and Technology, Federal Communications Commission (FCC)

"Secure Smartphone Computing, Needs and Opportunities for a Secure yet Mobile Platform" MR. KEITH TRIPPIE, Executive Director, Enterprise System Development, Office of the Chief Information Officer, Department of Homeland Security (DHS)

"DISA's Strategic Mobility Vision"

MR. GREGORY YOUST, Chief Mobility Engineer, Technology and Integration Division, Chief Technology Office, Defense Information Systems Agency (DISA) (invited)

"Content-Based Mobile Edge Networking (CBMEN)"

DR. KEITH GREMBAN, PhD., Program Manager, Content Based Mobile Edge Networking (CBMEN), Defense Advanced Research Project Agency (DARPA)

II. Next-Generation Mobile Devices and Apps – New Robust Capabilities for Business, Operations, The Battlefield and Beyond

"Transformative Apps Program"

MR. DORAN MICHELS, Program Manager, Transformative Apps, DARPA

"Windshear II Update"

MR. JOHN-ISAAC CLARK, Chief Innovation Officer, Thermopylae Sciences & Technology & MR. LENWOOD WASHINGTON, Senior Systems Engineer, Mission Integration Directorate, Acquisition and Engineering, National Reconnaissance Office (NRO)

"Advancements in Mobile Devices for Chem-Bio Detection and Characterization"

DR. CALVIN CHUE, PhD., Research Biologist, U.S. Army Research, Development and Engineering Command (RDECOM)

"Secure Mobile Devices at the Tactical Edge"

MR. WALID ALI, Director, Mobility & Communications Group, Intel

"ADAPT Unattended Ground Sensor Using Android Operating System and Original Design Manufacturers"

MR. MARK RICH, Program Manager, Strategic Technology Office, DARPA

"Smart Applications for Defense and Intelligence"

MR. AJ CLARK, President, Thermopylae Sciences and Technology (TST)

- Google as a Platform for Mobility
- Ubiquity as a Mobile Framework
- Confluence of Geo and Mobile

"Advanced Imaging Technologies for Smartphones"

DR. NIBIR DHAR, PhD., Program Manager, Microsystems Technology Office, DARPA

"Mobile Collaboration/Situational Awareness and Securing Content Across Devices" MR. JOHN LANDWEHR, Vice President, Government Solutions, Adobe

Special Presentation:

"Federal Spectrum Sharing will Break Down the Walls Between Defense, Unlicensed and Licensed Technology"

DR. PRESTON MARSHALL, PhD.

Wireless Networking, Google

- Flexible Operation of Equipment in Multiple License Categories: Unlicensed, Licensed, and Federal
- Users can Obtain Benefits of Flexible Unlicensed Operation with Security, QOS, and Network Integration of Carrier Wireless Services
- Government has Access to Low Cost, High Volume Equipment in Spectrum Bands for Which it is Primary

III. User Authentication and Multi-Device Mobile Management Security Technologies at the Tactical Edge and Throughout the Enterprise Network

"A Secure Device for Mission Critical and Personal Use"

MR. JACK GOLDEN, Technical Director, Secure Mobility Practice, AT&T Government Solutions

"Secure Gesturing Authentication"

MR. DANIEL FORD, Chief Security Officer, Fixmo

"Advancements in Secure Mobile Device Management"

MR. TIM POWDERLY, Government Affairs, Apple, Inc. (invited)

"Secondary NFC Android Protections for Military SmartPhones and Tablets"

MR. MICHAEL LACK, Senior Director of Mobile Research, Invincea, Inc.

"Smartphones, MDM, and Apps - Looking at STIG Compliance"

MR. BRIAN HAJOST, President & CEO, SteelCloud, Inc.

- Understanding Current and Future Trends in Mobile Security Compliance
- Decisions That You Can Make Today to Protect Your Current Mobile Investments

"Mobile Device Management (MDM) and Mobile Security for the DoD"

MR. RICK DOTEN, Chief Information Security Officer, Digital Management, Inc. (DMI)

- How to Manage and Secure a Ubiquitous Mobile Environment
- The Securing of Mobile Applications
- How Do We Evolve Mobile Device Management to Comprehensive Mobile Security?

"Going Beyond Least Privilege – Managing "Privilege" in COTS Devices to Obtain a Mobile Solution that is Rich in Utility, Cost Effective, and Certifiably Secure"

MR. THOMAS MIHM, Chief Security Architect, Secure Products Group, Motorola Solutions, Inc.

"Mobile Enterprise Encryption Solutions for Smart Phones"

MR. JON KORECKI, Lead, Secure, Secure Smart Phones, ViaSat

"Smart Mobile Identity"

MR. CHUCK YORT, Vice President and General Manager, Identity Solutions, AOptix

- A New Category of Identity Verification that is Accurate, Intuitive and Non-intrusive
- An Ideal Solution for a Range of Applications in which Biometric Identity Verification is Already Used or was Previously Impractical, Cost Prohibitive or Impossible

"Securing the Mobile Workplace"

MR. MOSA EMAMJOMEH, Senior Systems Engineer, Federal End-User Computing, VMware

Would you like to be an exhibitor at this symposium?

Host a breakfast, lunch or beverage reception during the symposium?

Please contact Ken Hood @ 310-320-8128 to find out how your organization can participate.

SMARTPHONES AND HANDHELD DEVICES For Defense & Homeland Security

WASHINGTON, DC OCTOBER 30-31, 2013 ■ Active Military U.S. Govt Civilian ■ Individual/Contractor ☐ AIE Member ☐ Teams 3/more **MAILING INFORMATION** Enclosed is a check payable to "Technology Training Corporation" to cover registration(s) of the following individual(s): Position: Management approval by: Company/Organization: Mail Code: ______ State:_____ ZIP:____ Phone (area code): (______) _____ Ext:_____ Fax (area code): () E-Mail: **Home Address:** State:___ ZIP: City: ____ Mail or Fax the credit card information below directly to TTC. Card Number Signature **Expiration Date** Auth Code

Registration: 8:15 a.m. October 30, 2013 Program begins at 9:00 a.m.

Washington, DC • October 30-31, 2013

Holiday Inn Rosslyn at Key Bridge

1900 North Fort Myer Drive, Arlington, VA 22209 Tel: (703) 807-2000 or (888) 465-4329



Complimentary Hotel Parking, Venue Close to Metro

(Mention Technology Training (TTC) for a Special Room Rate)

Attendance is limited to US, NATO, and allied countries only.

We reserve the right to alter the published program if necessitated by circumstances beyond our control. The material presented in this program is based on unclassified technology and unclassified technology application areas.

ACCOMMODATIONS: Attendee accommodations must be arranged directly with the hotel.

REGISTRATION METHODS

Information/Registration: (310) 320-8110
Register by FAX: (310) 320-8101
Register online: TachnologyTraining com

Register online: TechnologyTraining.com Sponsor/Exhibit Inquires: (310) 320-8128

Mail Registration to: **Technology Training Corp.**

Dept. SHD-C P.O. Box 119

Torrance, CA 90507

FEE:

		U.S. Government				_
		Active	Civilian	Individual/ Contractor		Teams of 3 or More (each)
	Symposium	Military	(Non-Contractors)			
	SHD-C	Complimentary	Complimentary	\$1290	\$1095	\$995

SOCO Advisory 11-02: Accordingly, the reasonable per day attendance fee for purposes of JER 3-211.a(7) is now \$675.

Special Exhibitor and Sponsorships at Tiered Pricing from \$3,000 (Includes General Session), Contact Ken Hood @ (310) 320-8128.

SPECIAL HARDSHIP SCHOLARSHIP PROGRAM: A number of seats have been set aside for every seminar and symposium for any motivated attendee who is unable to attend due to severe financial limitations of his/her company or if they are under very tight military limitations. Students will be eligible for a very substantial discount.

PAYMENT POLICY: Payments, both domestic and international, must be received on or before the first day of the symposium. **No attendee will be admitted into the symposium without payment** by either check, credit card (VISA, Mastercard, AMEX, Discover and Diners Club accepted) **or U.S. Government purchase order**.

CANCELLATIONS: Substitutions may be made at any time. A cancellation service charge of \$150 will be rendered for all cancellations received fifteen days or more prior to the start of the symposium date. Registrants whose cancellation requests are not received fifteen days prior to the individual symposium, as well as no shows, are liable for the entire registration fee. You must obtain a cancellation number from our registrar.

Tuition, symposium documentation, and refreshments, are included in the fee.

ABOUT THE SPONSOR



The American Institute of Engineers (AIE), established in 1990, is a multi-industry association of engineers and scientists dedicated to promoting the interests of technical professionals via publications, educational events, representation before political organizations, and awards programs (including the Academy Hall of Fame for Engineers and Scientists).

M044 BB/SF