



TechNet Orlando 2006 January 24 - 26, 2006



Radisson University Hotel, Orlando, Florida
AFCEA Orlando Chapter and AUSA Sunshine Chapter

Presents

Net-centricity – enabling the Total Force

The Orlando Chapters of the Armed Forces Communications and Electronics Association (AFCEA) and the Association of the United States Army (AUSA) are sponsoring the 6th Annual TechNet - Orlando 2006. This event will focus on *Net-centricity – enabling the Total Force in Supporting the Joint and Coalition Warfighter, in Network Centric Operations in the War Against Terrorism.*

The key to winning this War will be our ability to provide our forces with the latest Warfighting technology integrated into Network Centric Operations Capabilities that includes embedded and extended training, Joint Net-Centric Enterprise Services (NCES) that provides information and data services to all GIG users providing a continuous flow of information from the highest strategic levels to the lowest echelon whether Army, Navy, Air Force, Marines, Coast Guard, Reserves, National Guard or Coalition Forces.

Specific agenda topics will include:

- Examine Network Centric Operations of the future in the Joint, Interagency and Multinational (JIM) environment
- Applying Lessons learned from the War on Terrorism
- Examine implications/impact of the major Defense organizational shifts
- Address the Network Centric Operational Requirements Training and C4I needs that have been identified for the Coalition Forces, NATO, Armed Services, Government and Civil agencies as they continue to transform to :
 - Combat Terrorism at home and abroad
 - Ensure a robust Homeland Defense to include the protection of our critical Infrastructure
 - Enhance the Warfighter's ability to project Power throughout the world

Sessions and Tutorials will examine the contributions of such functions as Command, Control, Communication, Computers, Intelligence, Surveillance, Training, Testing and Simulation in preparing our Warfighters to meet the new and diverse challenges.

Accommodations: Rooms at the government rate are available at the Radisson University Hotel for those attending TechNet 2005-Orlando. Please make your reservations directly with the Radisson at 407-658-9008. The hotel is east of downtown Orlando at the intersection of Colonial Drive (Hwy 50) and Alafaya Trail (Rt. 434).

Individual registration www.riptidesoftware.com/non-profit/technet
Registration for the annual golf event www.riptidesoftware.com/non-profit/technet/golf

AGENDA

Tuesday, 24 January

1300 AFCEA Golf Tournament at Eastwood Golf Club

Wednesday, 25 January

0730 Registration

0830 OPENING REMARKS - Jerry Stahl General Co-Chair/AFCEA Chapter President ***

Pledge of Allegiance -

Invocation - Deacon Thomas Stauffacher (COL-Ret) ***

0840 WELCOME

Dr James Blake (SES) ***

PEO Simulation Training & Instrumentation (PEO STRI)

0850 AFCEA INTERNATIONAL

Becky Nolan Executive VP AFCEA Intl.

0900 KEYNOTE ADDRESS –

Honorable John Grimes *** **

Assistant Secretary of Defense

Networks and Information Integration (ASD NII)

and DoD Chief Information Officer (DCIO)

0945 SESSION ONE

Joint Network Centric Warfare Operational Requirements. Events in Iran, Afghanistan, Europe, Korea and CONUS are driving a restructuring of the force. What are the needs that have been identified for the Armed Services, Government and Civil agencies as they continue to transform to protect our critical infrastructure, prepare to conduct Network Centric Operations and enhance the Warfighter's ability to project power throughout the world.

Panel Chair

MG Dennis Moran (USA) ***

Deputy J6 JCS

Session Participants:

MG Roger Nadeau (USA) ***

CG Army Research Development Engineering CMD (RDEC)

BG Susan Lawrence (USA) ***
CENTCOM J6

Mr Dave Weddel (SES) ***
Director, Netcentric Warfare (Acting), OPNAV N71

BGen (Sel) Dave Warner (USAF) ***
**HQ USAF Deputy for OPS and Support
in Warfighter Integration**

Brig Gen George Allen (USMC)
Director, C4, and CIO, HQ USMC

Mr James Cluck (SES) ***
**Director of the Networks and
Communications Center/CIO, SOCOM**

1130 LUNCH

1215 Executive Presentation

LTG Steve Boutelle (USA) ***
DA G6/CIO

1330 SESSION TWO

Providing Joint Network Centric C4I for Strategic and Tactical Counter Terrorism Operations.

Each of the services are developing Network Centric C4I Enterprise Systems. Session. What new sensors are needed, and how do we net sensors to shooters? How do we improve Intelligence collection and dissemination? How will the Joint Warfighter's Network function if commercial communications are part of the net? The C4I (physical) considerations of operating in a dirty environment; i.e., dirty nuclear device, chemical, or biological. How the military will be able to communicate, install and maintain equipment, and interact with civilian first responders and civil leadership--both initially and over the longer-term.

Panel Chair

MG Mike Mazzucchi (USA) ***
**CG Communications-Electronics Life
Cycle Management Command & PEO C3T**

Panelists

MajGen Tommy Crawford (USAF)
Commander, Air Force C2ISR Center

MG Ruud S. van Dam ***
**Royal Netherlands Air Force
HQ Supreme Allied Commander Transformation (HQ SACT)**

Assistant Chief of Staff, C4I Division

MG Bill Russ (USA-Ret) ***
VP Raytheon/Former CG CECOM & ASC

RDML Vic See (USN)
PEO Space Systems
Director, Communications Directorate, NRO

Mr. Keith Masback (SEIS) ***
Director for Source Operations Group,
National Geospatial Intelligence Agency (NGA).

Dr Mike Macedonia (SES) ***
Director Research Development Activity

1700 RECEPTION/DINNER BUFFET

Thursday, 26 January

0800 ADMIN REMARKS
Mike Genetti Pres. AUSA Sunshine Chapter ***

0815 AUSA Association Opening Remarks

0820 KEYNOTE ADDRESS
LTG John M. Curran (USA) ***
Director, Futures Center, TRADOC

0900 SESSION THREE

Training the Joint Warfighter for Network Centric Operations at home and abroad

What do we do to assure training of our troops in preparing for and conducting Network Centric Operations. Can we develop and field new required systems and technologies fast enough? How do we train our troops in the new skills required? What are the perspectives that we need to understand if we are to build effective models and simulations.

Panel Chair

MG Bill Bond (USA-Ret) ***
VP Cypress Intl / Former CG STRICOM

Panelists

MG Bob Wood (USA) ***

Director of Joint Experimentation JFCOM

BG Mike Milano (USA) ***
DA G3 Director of Training

BG Randy Strong (USA) ***
CG USA Signal Center & School

RADM David Belz (USCG-Ret) ***
BAE

CAPT Larry McCracken (USN) ***
CO NAVAIR Training Systems Division

Col Dave (V8) Votipka (USAF) ***
Cmdr AFAMS

COL Jim Ralph ***
PM TRADE PEO STRI

1130 SYMPOSIUM PANELS WRAP-UP

1200 PROFESSIONAL EDUCATION SESSIONS
BOX LUNCH

1215 Professional Education Presentation #1

Enterprise Services Architectures and End-to-End DoD Execution. The evolution of Enterprise Services is changing the approach to logistics capability delivery. Enabling systems continue to migrate to process- and service-oriented solutions, requiring new approaches for architecting composite solutions. This workshop will present, using examples from our work across the U.S. Department of Defense, the state-of-the art in architecting end-to-end solutions for delivering logistics capability from the Original Equipment Manufacturer (OEM) to the battlefield. The implementation paradigm is shifting from families of interfaced systems to process-oriented composite systems, and many analysts are predicting that this new system integration paradigm will prevail. This transition is well underway in the private sector and is in the early stages of transition in the DoD.

The workshop will cover the following topics:

- **What is an Enterprise Services Architecture, and how does it relate to a Service Oriented Architecture?**
- **What are the drivers of process orientation, and why is it important?**
- **How does one align end-to-end execution scenarios with enterprise service components to generate composite applications?**
- **How does one manage the implantation of composite applications over a complex technology landscape?**
- **What are the challenges in implementing process-oriented solutions in the U.S. DoD?**

The participants will acquire an understanding of the above concepts within the context of the DoD technology landscape. The participants will also understand how the latest tools are used to support the implementation of composite applications, as well as the limitations or working in a mixed legacy/modern environment during the lengthy transition period.

Presenter: Tom Gulledge, Software Engineering Center-Fort Belvoir, Fort Belvoir, Virginia 22060

What is Net-Centric Integration for Business Systems? To achieve true net-centric capability for business systems, the core business processes must be network enabled. The current landscape of enterprise enablers can be categorized into three domains; ERP Systems, Web Services, and High Volume Transaction Systems (HVTS). Eventually, ERP Systems and some of the HVTS systems will be subsumed into the web services architecture. The current family of ERP systems may well be stovepipe ERP. This means that we have the worst of two worlds, bad business process fit and no true integration across the enterprise. This presentation will high like how this happened and the options available to correct the course toward true net-centric integration.

Presenter: George “Chip” Raymond, Software Engineering Center-Fort Belvoir, Fort Belvoir, Virginia 22060

1345 Break

**1400 Professional Education Presentation #2
TBA**

1530 SYMPOSIUM ENDS

**Frederick W. Eisele
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10/28/05