

CITMO 2003

Commercial Information Technology for Military Operations

Second International Workshop 23 – 25 April 2003 in Ronneby, Sweden

Themes: Humanitarian Operations in Support of the United Nations; and
Coalition Interoperability Based on a Commercial Core Infrastructure

AGENDA

23 April – Morning:

8:30 Registration

9:00 Welcome by Chairman: Mr. Goran Johnson, Chairman of the Organizing Committee

9:05 Welcome on behalf of the Municipality: Mr. Boo-Walter Eriksson, Deputy Mayor

9:15 Administrative remarks: Ms. Louise Yuen, IDG Europe

9.20 Introduction: Mr. Ulf Johansson, Deputy Director, Swedish Ministry of Defence

9:40 Motivation and overview for the workshop: The challenge of international networking within framework of multinational civil/military coalitions:

Dr. Howard Marsh, Associate Director for C4 Information Technology, US Office of Naval Research International Field Office

09:50 AFCEA as an International Network Builder: MG(r) Göran de Geer, AFCEA Sweden

10:00 Break

10:15

Session 1: Information Services to Support Humanitarian Operations and Complex Emergencies. Session Chair: Louise Yuen

- Application of Military Technologies to Humanitarian Operation - a UN Perspective:
Ms. Yvette Stevens, Director OSCAL, United Nations

10:45

- Logistics and implementation of communications and information management at field level:
Mr. Rolf Sjoberg, Communications Officer, DPKO, United Nations

11:15

- A 21st Century Vision of Humanitarian Sector Preparedness and Response:
Mr. Tom McKnight, Emergency Advisor

11:35

- Information systems for CIMIC - vision and reality, Experiences from Bosnia2001/2002: Mr. Ola Nilsson, Ekelöw InfoSecurity, (former OC CIMIC SFOR)

12:00-13:00 – Lunch (Sponsored by Sectra)

13:00-13:30 – Outdoor Event

- Demonstration of GSM-trailer from Ericsson Response

23 April afternoon

13.30

Session 2: Emerging Operational and System Concepts

Session Chair: Howard Marsh

- The Global Information Grid and Joint Technical Architecture: Dr. Michael S. Frankel, US Deputy Assistant Secretary of Defense (C3ISR, Space and IT)

14:15

- NATO and Network Enabled Capability: Mr. H. Peter Dicks, General Manager, NATO Consultation, Command and Control Agency

15:00 – 15:20 Break

- UK concepts and plans: Captain Jim Dale, Royal Navy, DACOS C4 CM(OPS) CinCFleet

15:40

- The US Army's communication vision for the 2010 - 2015 timeframe:
Mr. Ray McGowan, Chief Applications Branch, US Army CECOM (USARDSGDUK)

16:00

- Decision support for cooperative platform operators: Dr. Dan Strömberg, Director of Research, Swedish Defence Research Agency

16:20

Session 3: Baseline concept and architecture for a coalition core information infrastructure based on commercial standards and technology

Session Chair: Göran Johnson

- Worldwide Helicopter Tracking: Mr. Håkan Österhed and Mr. Peter Hallor, Swedish Civil Aviation Administration

16:40

- Context Aware Management layer and Policy Manager: Prof. Hannu Kari and Dr. Catharina Candolin, Technical University of Helsinki

17:00

- Services to Support Humanitarian Operations and Complex Emergencies:
Mr. Antonio Bove, Elsacom.

17:30 adjourn

17:50

Tour of Ronneby, meet in Hotel Lobby

18:50

Meet in Hotel Lobby – before “taking the waters” in Brunnsparken and then return to Hotel restaurant for dinner, hosted by The City of Ronneby.

24 April – Morning

Session 3: continued. Session Chair: Christopher Reuter

8:30

- Communication solutions for emergency response: Mr. Stig Lindström, Ericsson Response

8:50

- End-to-end encryption across multiple bearer networks: Mr. Robin von Post, Sectra

09:10

- Data Distribution over FM radio in Peacekeeping Operations: Mr. Conny Ljungqvist, Sectra

09:30

- Operating a 3G Network: Mr. Sven Johansson, Head of Tech. Strategy, Vodafone
09:50
- Iridium Satellite Network as a Primary, Backup or Independent Communications Network: Mr. Dan Mercer, Regional Director Europe, Iridium Satellite LLC Information

10:10—10:30 Break

- How do we keep a secret?: Mr. Peder Qvist, Superintendent, Swedish Security Service
10:50

- Security in mobile public networks: Mr. Fredrik Lindholm, Ericsson Research

11:10

- The role of battlefield command support systems in peace operations: Mr. Ian Power, Saab Systems Australia

11:30

- TETRA radio communication for peace keeping and public safety operations: Mr. Tapio Mäkinen, Head of Marketing / TETRA, Nokia

11:50

- Private Mobile Radio (PMR) in GSM environment: Mr. Ola Bergman, Siemens

12:10- 13:30 Lunch

- Network Based Defence - The Swedish Research and Development Perspective on NCW: Lt.Col Arne Worm, Swedish Defence Research Agency

24 April afternoon

13:30

Session 4: Working Groups (tentative definition of groups)

- Mobile networking and interconnection with military systems
Co-Chairs: Catharina Candolin and Randy Scott
Themes: What opportunities exist to build a commercial core network infrastructure?
How can we manage addressing and access control?
How can we assure modernization to keep up with commercial standards?
Should we think in terms of a hybrid of commercial equipment and services?
- Intelligence dissemination and situational awareness
Co-Chairs: Yvette Stevens and Christopher Reuter
Themes: Use of early warning systems
Coalition information server
Information protection
Awareness of quality and credibility while protecting source identity, etc
- Distributed applications
Co-Chairs: Gary Toth and André Rickardsson
Themes: Standard suite of applications
Standard security approach
Translators, etc

18:00

Tour and demonstration of F 17, the Swedish Air Force Wing in Kallinge,

19:00

Dinner at the Officers' Mess of F 17 (Sponsored by Ericsson)

25 April – Morning

08:30

Session 5: Working Groups (tentative definition of groups)

- Technical and system architecture
Co-Chairs: Ray McGowan and Arne Worm
Themes: High/low interoperability
Version control and backward/forward compatibility
Information sharing and security
Data ownership and data base management, etc

- Coordinated R&D investment strategies
Co-Chairs: Howard Marsh and Hannu Kari
Themes: Build military systems from a COTS basis?
Encourage commercial sector to develop required enhancements?
Collaborate to do military R&D to give to commercial sector?

- System administration and control
Co-Chairs: Anders Lange and Peder Qvist
Themes: Federated Control
Quality of Service Management
Management of precedence and preemption authorizations
Network and subnet naming and addressing
Accommodation of users moving in and out of network
Accommodation of dynamic topologies, etc

12:00—13:30 lunch

25 April – Afternoon

13:30

Session 6: Plenary Session – Development of recommendations and comments

Chair: Goran Johnson

- Outbriefs
- Development of recommendation for UN, NATO, national considerations
- Plans, Actions, Future Meetings

Adjourn

The following displays will be available throughout the workshop:

- AFCEA
- Ericsson
- IDG Europe
- Iridium
- Sectra
- Technical University of Blekinge