



NATO Network Enabled Capability (NNEC) Newsletter

A publication on the status of NNEC provided to you quarterly by the IS NNEC ICT

February 2010, Issue No. 3

Inside This Issue

- 1 Message from the Director
- 1-2 NNEC PoW Status
- 2 Briefings Summary
- 2-3 NNEC Exposure
- 3 C4I Division Update
- 3 NNEC Feature Messages
- 4 NNEC Calendar of Events
- 4 Additional Information

Message from Major General Willemse; NNEC Director

A new year always gives us a reason to reassess goals and begin implementing some personal and professional resolutions. This year will be no different. In fact, there is much to commit to, mainly in the way of our mentality and the way we do business which goes beyond the physical way of doing our daily activities. This commitment to change follows the basic principle of NATO Network Enabled Capability; to federate all capabilities through a network infrastructure. The challenge in this resolve is largely a cultural change; one that requires us to share information instead of instinctual need to protect information.

As an example of such a resolve, we can focus on how the NNEC concept is driving much of our business; projects that include Joint ISR and MSA. It is, again, this foundation concept, a duty to share, that we must think about when we begin working on any new, existing, and future programs and projects.

The beginning of this New Year also has us preparing for the annual NNEC conference which is being held in Rome, Italy 23-25 March 2010. We have chosen to focus on information management and the challenges this brings to our warfighters. I expect to hear a wide spectrum of briefings on this topic along with lively debate and discussions.

In conclusion, I would like to share with you my resolution; to better adopt a share mentality which I will strive to incorporate into the greater C4ISR mindset and into the Division's approach to current and future business.

I wish you a fruitful New Year and look forward to seeing you in Rome.

Share to win!

Major General Jaap Willemse

NNEC Program of Work Status

Update on the NNEC Roadmap:

The first iteration of the NNEC roadmap has been completed. Supporting documentation and framework is being developed in tandem. Development of version 2 is in progress and a roadmap workshop was held in February 2010 at NATO HQ with key stakeholders. Outcomes and selected national data will be aggregated which will lead to the development of the third iteration of the roadmap which the ACT NNEC ICT will engage COIs and SMEs to accelerate population and validation of the roadmap.

Coherence Area Update:

Operational Concepts and Requirements Implications (OCRI)

In the past quarter the OCRI CA team has assisted in developing operationally oriented milestones, informing the development of a comprehensive NNEC roadmap during a three-day conference with key stakeholders from ACO and the NHQC3S. In 2009, OCRI completed the review and assessment of several key exercises focusing on NNEC capabilities as they may apply to emerging operational requirements. Among these exercises were Steadfast Juncture, Loyal Jewel, and the Knowledge Development Experiment. In all of these the OCRI CA team worked diligently with partners from the NHQC3S, the C2 Centre of Excellence (Ede, NLD), the JALLC and NATO's operational commands. In 2010, OCRI CA will continue to focus on the operationalisation of NNEC through development of several initiatives. One of the key endeavors will be expansion of the conceptual development of Measures of Effectiveness and Measures of Performance (MoE/MoP) for the key elements of NNEC: People, Processes and Technology. Under the oversight of the NHQC3S NNEC IPT and other key partners in both strategic commands, NATO Agencies and the Nations, OCRI CA expects unparalleled forward movement toward greater effectiveness of NNEC.

A new year is reason to reassess goals and implement personal and professional resolutions





SHARE to Win

NATO NETWORK ENABLED CAPABILITY (NNEC) NEWSLETTER



A full listing of NNEC and NEC-related events can be found on page 4.

NNEC Program of Work Status, cont.

Coherence Area Update (continued):

Architecture and Service Definition and Specification (ASDS)

Early 2009, the ASDS coherence area sought national expert involvement with architecture activities. A first informational meeting with the nations was held 3 September 2009. A follow up meeting was scheduled for 8-9 February 2010. An initial draft of the NNEC Services Framework has been distributed to the Nation for further development.

Implementation (IMP)

The IMP CA has initiated and activated a new PMO, installed the "Joint" Programme Management Group, and is in progress of development of a capability packages matrix with relationships to CUR's for Bi-SC AIS and Communications. Additionally, IMP CA has installed a Service Management and Control Project Steering Group with all four stakeholders to improve the Lifecycle overview.

Leadership and Guidance Steering Group (L&GSG)

Mr. Marc Scheir has succeeded Mr. Ian Jeffery as chairman of the L&GSG. Mr. Scheir plans to enforce a Cognitive (NNEC Awareness) and NATO Network Information Infrastructure (NII) focus (Control of Life Cycle).

NNEC-related issues in reference to the ACT developed NNEC Roadmap are being identified and grouped by relevance. This step is in line with the life-cycle management approach set forth by the chairman's vision.

It has been agreed that several guidance documents be rewritten or issued (Management Approach to NNEC (MAN); NNEC Process Map, 2010 Strategic Objectives, and etc.). After review, the results from the 2009 NNEC Objectives will be used as inputs to the 2010 Objectives. NHQC3S will involve key stakeholders to meet future operational and business needs as necessary while working with ACT in the universal promotion of NNEC awareness.

The NHQC3S NNEC IPT (Integrated Project Team) has been restructured to include a new IPT Leader; Mr. Bert van Domselaar, Branch Chief for Information Services (IS), who brings a wealth of information and background to accomplish the 2010 NNEC Objectives.

A 2010 outlook for the NHQC3S NNEC IPT includes proposing the strategic objectives, coordinating the work of the stakeholders in NNEC Governance and focusing on integrating NNEC Governance in the C4ISR lifecycle for capability and service delivery.

NNEC Exposure

Briefing Summary:

NC3 Board Meeting

Major General Willemse made a briefing on the NNEC roadmap and the NNEC awareness campaign during the November NC3B meetings. The Nations appreciated the significant progress made by ACT on the development of the NNEC roadmap which was considered as a real challenge.

National Liaison Representative Meeting

On 30 November 2009, Major General Willemse gave opening remarks to a group of NLRs. Major General Willemse requested the support of their respective nations towards the NNEC initiative, their national attendance to the NNEC conference, and to participate in an awareness effort by distributing an article on NNEC to their national publications. Col. Sakhochian presented an update to the NNEC program of work; namely the NNEC roadmap and the NNEC awareness campaign.



View of the NNEC conference web portal. Register, submit briefs, and download read-ahead material.

Request NNEC information or to be added to the mailing list: nnecc@act.nato.int





SHARE to Win

NATO NETWORK ENABLED CAPABILITY (NNEC) NEWSLETTER



NNEC Exposure; continued

2010 Conference Update:

The annual NNEC Conference has been announced by ACT Chief of Staff on 20 January. View [the official invitation](#) on-line.

The 2010 conference will be held in Rome, Italy at the Ergife Palace Hotel with the theme of *Information Management in NNEC* from 23 –25 March 2010. Details about the event can be found on the [conference website](#). Additional questions related to the conference should be directed to [Mr. Jack Cathcart](#) or [Lt. Col. Michael Buttler](#).

2010 NNEC conference registration is open.

Awareness Campaign:

Website Update

Become a frequent visitor to view the regular updates appearing on the NNEC public portal (<http://nnec.act.nato.int>) featuring documentation on the NNEC roadmap, marketing materials, the quarterly newsletters, and press releases.

CWIX Update

CWIX February MPC Meeting

The June execution is projecting a 40 percent growth from years previous with 120 systems, 17 nations participating, and one nation observing. Future CWIX event dates include the final planning conference 16 – 19 March, Lillehammer, Norway, and the execution period 7 – 24 June, Lillehammer, Norway.

NATO CWIX provides Nations, Agencies, Commands, and Partners a stable, multi-domain, secure C4ISR testing environment in order to continuously improve interoperability and operational effectiveness.

For CWIX information or questions, email cwix_info@act.nato.int.

Network Enabled Capability Feature Messages / Editorials

NNEC and SOA within the NATO CWIX 2010 (excerpt)

by Capt. Eng. Antonio Ianniello, Italian Air Force, NATO CWIX SOA Focus Group Lead

It is widely recognized and well known that NNEC aims to achieve and maintain information superiority in a complex scenario like net-centric, or as I prefer to call it, information centric. Even if the network or the transport layer plays a very important role, what really counts is the centrality of information in all its connotations.

One of the major factors in enabling net-centric transformation strategy and, particularly in the interaction and interoperability of the C4-ISR systems is the use of the emergent new technological paradigm called SOA (Services Oriented Architecture).

SOA paradigm practically applied to the C4-ISTAR world is “revolutionary” because it is definitively a sector with no rules yet defined and agreed upon. Even if it is commercially well-known and theoretically standardized it is still to be “digested” by the military world at all levels (from tactical and above). However, C4-ISTAR systems, in order to make the great jump toward NNEC through SOA, need much more implementation and verification.

The [full text for this editorial](#) can be found on the [NNEC website](#).

Major General Gijbers Nominated/Awarded for Netcentricity at IDGA NCW Conference

Major General Gijbers, former ACOS C4I ACT, has been awarded the Arthur K. Cebrowski Award. The Arthur K. Cebrowski Award, given at the NCW Conference, honours a nominated person who has had an impact on the development and evolution of netcentricity.



IDGA NCW Conference is an annual event presenting Major General Gijbers with the netcentricity award in January 2010.

Former NATO ACT ACOS C4I, Major General Gijbers awarded for Netcentricity

The Command and Control Centre of Excellence (C2CoE) nominated Major General Koen Gijbers for the award with support from General Mattis, Commander, U.S. Joint Forces Command, Mr. Peter Flory, NATO Headquarters NC3 Board Chairman, and Mr. Carl Schwab, Executive Director NOCICs, among others.

Read the [full article](#) highlighting Major General Gijber’s history with NATO ACT and [more](#).





SHARE to Win

NATO NETWORK ENABLED CAPABILITY (NNEC) NEWSLETTER



Calendar of Events

NNEC recent and future conference, meetings, and presentations:

IDGA NCW Conference	Jan 25 – 28
CWIX MPC Meeting	Feb 2 – 5
NNEC Roadmap Workshop	Feb 3 – 5
C2CoE NEC Seminar	Mar 9 – 11
CWIX FPC Meeting	Mar 16 – 19
NNEC Annual Conference	Mar 23 – 25

Additional details on many events can be found on the [calendar](http://nec.act.nato.int) at <http://nec.act.nato.int>

JANUARY 2010						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Additional Information

C2 Center of Excellence NEC Seminar

The C2 Centre of Excellence in Ede, The Netherlands, in close transatlantic cooperation with the National Defense University in Washington D.C., are pleased to organize the first Network Enabled Capabilities Seminar in 2010. This seminar will build on the success of the previous NCW Short Course and the NATO Network Enabled Capabilities Seminars organized in 2004 - 2009. The seminar will be held in the facilities of the C2 Centre of Excellence in Ede, The Netherlands 9 - 11 March 2010.

The aim of this seminar is to inform on the NEC progress in different nations and organizations and to encourage everybody to exchange (operational) experiences and views on the implementation of NEC related capabilities. The intent of the C2CoE is to bring together experts with an operational background in the field of NEC from nations, NATO entities, industry and other organizations. The focused three-day seminar will offer a combination of presentations and discussions where "both sides of the medal" will be discussed.

More detailed information including the seminar agenda and registration form can be found on at www.c2coe.org.

<http://nec.act.nato.int>

The NNEC public website has hit over 3600 visitors and counting.

Contribute to the NNEC Newsletter

The NNEC ICT welcomes news and informational updates on NNEC and NEC related projects, programs, and exercises. Information should be submitted to nec@act.nato.int for consideration.

FEBRUARY 2010						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

MARCH 2010						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Points of Contact:

Megan Thum, NNEC Marketing and Communications

Megan.Thum@act.nato.int

Col. Frederic Sakhochian, NNEC Leader

Frederic.Sakhochian@act.nato.int

Address:

North Atlantic Treaty Organisation
Headquarters Supreme Allied Commander Transformation
7857 Blandy Road, Suite 100
Norfolk, Virginia 23551-2490

<http://nec.act.nato.int>

All facts and views have been compiled by NATO Network Enabled Capability team with authorization from SACT. If you wish to be removed from this distribution, please send a message to nec@act.nato.int and place "Remove" in the subject line.

