

NC3A Multinational Cooperation Development



NATO Secretary General Anders Fogh Rasmussen at the fourth Strategic Concept Seminar on Transformation and Capabilities, Washington DC, 23 Feb 2010:

“Having multiple national projects running at the same time is not only a waste of time and money; it ultimately also puts the lives of our soldiers at risk.”

...and at the Belgian Royal High Institute for Defence, 26 Apr 2010:

“That is why I will continue to encourage NATO Defence Ministers to work more closely with their national defence industrial leaders to pursue collaborative and multinational projects wherever possible, and to seek out opportunities for consolidations and mergers.”

What is NC3A?

The mission of the NATO Consultation, Command and Control Agency (NC3A) is to enable NATO’s success through the unbiased provision of comprehensive Consultation, Command, Control, Communications, Intelligence, Surveillance and Reconnaissance (C4ISR) capabilities.

How is NC3A enabled to conduct the Multinational Cooperation Development?

NC3A is a NATO agency which shares the legal personality of NATO. Our Charter was approved by the North Atlantic Council (NAC), and NC3A operates under Customer Funding regime. NC3A is part of the NATO Consultation, Command and Control Organization (NC3O), along with the NATO C3 Board and NATO Communication and Information Systems (CIS) Services Agency (NCSA).

The NC3O Mission is to:

- ensure the provision of a NATO-wide cost-effective, interoperable and secure C3 capability that meets the users’ requirements by making use of common funded, multinational cooperative and national assets in the most effective and efficient manner;
- ensure the provision of services and support in the field of C3 to NATO users, such as the Strategic Commands (SCs) including subordinate entities, agencies and committees, as well as other authorized users, to include individual or groupings of nations, and national or international organisations;
- act as the NATO overarching authority in the area of C3 architectures to enable the effective integration of C3 capabilities into a NATO-wide network thereby supporting the NATO Network-Enabled Capability (NNEC) concept and NATO’s Transformational Goals, taking into account developments being undertaken by NATO Nations, other bodies and Agencies; and
- execute Corporate Governance of the NC3A and NCSA.

What is the NC3A Multinational Cooperation Development?

The Multinational Cooperation Development is aimed at enabling multinational cooperation in the C4ISR area. The role of NC3A is to provide support to the establishment and the execution of the multinational projects between nations, national and international organizations and industries.

Establishing Multinational Projects

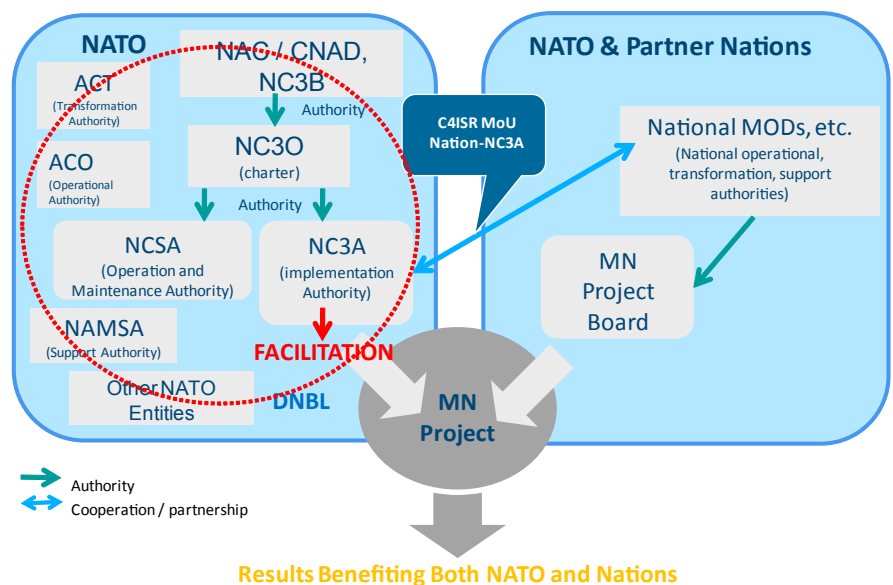
Establishing Multinational Projects requires significant consultation and liaison with the NATO Strategic Commands, Agencies and other entities to ensure coherence with other

Examples include:

MAJIC

Multi-Sensor Aerospace-Ground Joint Intelligence, Surveillance and Reconnaissance (ISR) Interoperability Coalition. The project addresses the ability to collaboratively employ and exchange data from a wide variety of ISR sensors and sensor types in a network-enabled manner, including close coupling between the ISR assets and the NATO and national command and control (C2) environments. **9 participating nations, 7.5MEur over years 2005-2009.**

MN Projects Generation



NATO programmes and activities in the area of multinational project. With the authority derived from the NC3O Charter, NC3A is ideally positioned to fulfil the consultation role in the facilitation of the multinational projects.

Success stories

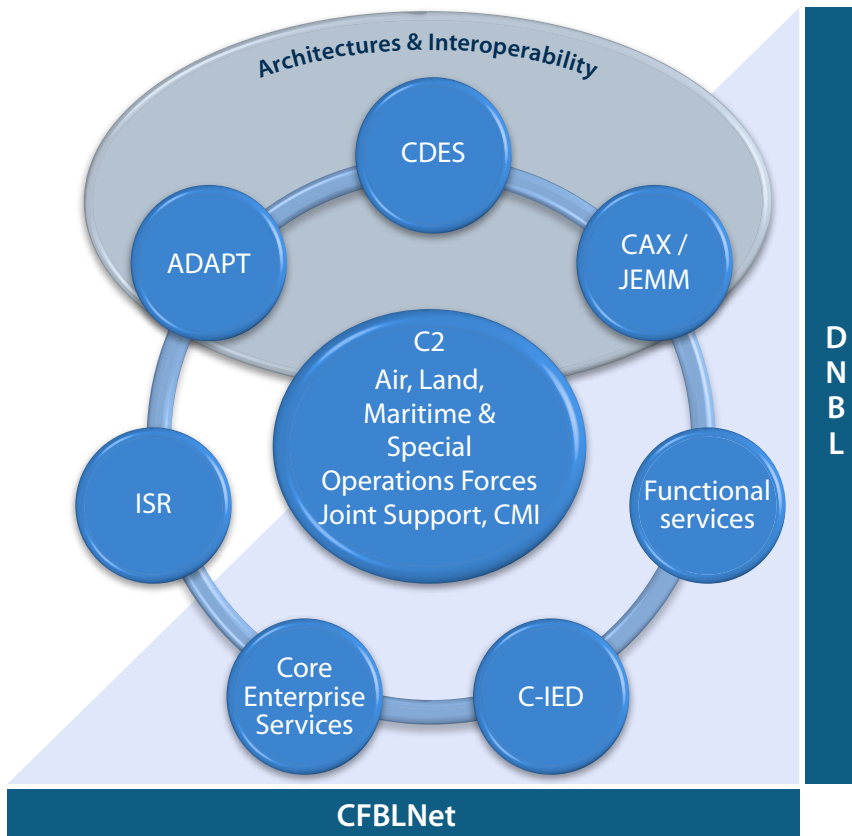
NC3A has a long track record of working with the Nations in the development and execution of multinational projects.

TACOMS

The project was founded to generate standards for information transport over federations of multinational networks. **15 participating nations, 2.2MEur over years 2007-2010.**

More information on:

<https://www.tacoms.org/default.aspx>



of the Project, and at the same time maintaining full responsibility for own processes, procedures and systems

What can NC3A provide?

- State-of-the-art expertise and technical leadership covering the entire spectrum of C4ISR
- Value for money thanks to customer funded regime meaning that the customers are the only source of NC3A revenue
- Extensive experience and proven impartiality in NATO common funded C4ISR projects
- An excellent track record of working with the national representations of NATO and PFP nations, military and civilian organizations and industry
- A C4ISR Comprehensive Approach taking account of
 - Integrated Security Sector C4ISR Requirements
 - Life Cycle Cooperative Support
 - Integrated Funding Model

Role of NC3A in Multinational Projects

- Executive Agent, promoting and preparing the initiative, collecting and catalyzing the consensus, finalizing the agreed Program of Work
- Key Technical Support, providing unbiased technical and scientific advice and providing liaison with NATO and non-NATO technical /advisory bodies
- Enabler, to provide independent support, hardware and software infrastructure and joint development and capability assurance

NC3A General Manager's Strategic Direction 2010-2011:

"We will actively deepen existing and develop new relations with NATO member nations and partner nations (PFP, MD, ICI) to foster implementation of a cost-effective, interoperable and secure C4ISR capability using a Comprehensive Approach."

NRC CAI

NATO-Russia Council Cooperative Airspace Initiative - the NATO and Russia joint system for air traffic coordination. The system focuses primarily on the fight against terrorism and will provide a shared radar picture of air traffic and early notification of suspicious air activities. The system has two coordination centres – in Warsaw and Moscow – and local coordination sites in Kaliningrad, Rostov-on-Don, Murmansk (Russia), Warsaw (Poland), Bodø (Norway), and Ankara (Turkey).

2.4MEur over years 2008 -2010.

Key NC3A Multinational Initiatives

- Integrated Command & Control (**ICC**)
- Counter Improvised Explosive Devices (**C-IED**)
- Maritime Information Services (**MIS**)
- Multi-Sensor Aerospace-Ground Joint Intelligence, Surveillance and Reconnaissance (ISR) Interoperability Coalition 2 (**MAJIIC 2**)
- Cyber Defence Engineering Support (**CDES**)
- Expert Visual Met (**VISME**)
- Civil-Military Interaction (**CMI**)
- Regional C4I Cooperation in SEE (**SEE C4I**)
- Computer Aided Exercise / Joint Exercise Management Module (**CAX/JEMM**)
- Alliance Defence Analysis and Planning for Transformation (**ADAPT**)
- Project Office for AMN/AMN-U (**POAMN**)

- Distributed Networked Battle Labs and Combined Federated Battle Laboratories Network (**DNBL & CFBLNet**)

Why should you consider joining?

The main benefits that Nations and International Organizations can gain from participating in the Multinational Projects are:

- Saving development costs, by optimizing the use of available resources and capabilities and empowering R&D initiatives by harmonizing and coordinating on-going and planned efforts
- Saving procurement costs by employing economy of scale, standardization and interoperable solutions
- Making use of the capabilities, expertise, unbiased and trusted reputation of NC3A as enabler, adviser and a coherency agent with related NATO initiatives and bodies
- Ensuring coordination and coherency with other NATO Stakeholders, Programmes and Initiatives related to the specific Multinational Project
- Risk mitigation by collaboratively ensuring use of best practices and adherence to standards
- Establishing a collaborative workplace and method that can be valuable even beyond the duration and scope

Exemplary Multinational Project Governance



Multinational Cooperation Development Concept



What is the legal construct of the NC3A Multinational Projects?

For the legal framework of the multinational projects, NC3A prefers the use of the NC3A C4ISR Memorandum of Agreement (MOA), which is a framework agreement covering full cooperation on C4ISR activities, where the collaboration terms are defined in advance. For the execution of specific scope of work, the C4ISR MOA is complemented by Technical Arrangements describing the work and financial terms. Multiple Technical Agreements can be added to the C4ISR MOA, both for multinational as well as bilateral

cooperation with NC3A. Currently (Aug 2010) NC3A has seven C4ISR MOUs with NATO nations: Bulgaria, Croatia, Estonia, France, Italy, Norway, Slovenia, and two with PFP nations: Finland and Sweden.

What is the cost for the participants?

NC3A is a not-for-profit organisation operating under customer funding regime. This means that NC3A has to cover the cost of its resources (staff, equipment and facility use) allocated to the Project. The funding structure comprises two main cost elements for the project members: an initial one-off

entry fee and an annual fee dependent on the agreed programme of work. For every multinational project the funding model is established and agreed by the project members.

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NC3A supports bilateral and multilateral projects, the NATO C4ISR Integration Fund concept, is the prime C4ISR executive partner for the NATO Strategic Commands, and a Host Nation for majority of the C4ISR NSIP projects, providing synchronization between Common Funding, National and Multinational funding efforts as Coherence Agent.

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