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NATO CYBER DEFENCE SMART DEFENCE PROJECTS CONFERENCE

Lisboa, Portugal - 28 April 2016

Panel: NATO Cyber Defence Smart Defence Projects

NATO CYBER DEFENCE (CD) CAPABILITY:

THE ROLE OF SMART DEFENCE

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The logo for NATO Headquarters Consultation, Command and Control Staff, featuring a stylized '3' inside a circle followed by the word 'Staff'.



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OUTLINE

1. Update on NATO Smart Defence Projects & Proposals
2. NATO Cyber Defence (CD) Capability: The Role of Smart Defence.
3. Smart Defence projects under sponsorship of Consultation, Command and Control (C3) Board
4. New Cyber Defence Smart Defence Proposal “Future Reserve Cyber Personnel”



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Update on Smart Defence Projects & Proposals

Tier 1 Projects: proposals that have matured into projects with an identified Lead Nation, confirmed participating nations, and an agreed scope deconflicted with the European Union.

33 projects (30 projects in 2015)

Completed Tier 1 Smart Defence Projects – 9 (6 in 2015)

Tier 2 Proposals: proposals that still require some development, the identification of a Lead Nation or confirmation of potential participants

63 proposals (61 proposals in 2015)

Tier 3 Proposals: these proposals are in most cases just ideas, that have not yet been assessed or developed

33 proposals (61 proposals in 2015)

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NATO Cyber Defence (CD) Capability: The Role of Smart Defence

1. Development of a pool of Cyber Defence (CD) capabilities in different CD areas – Malware Detection, CD Education and Training, CD Situational Awareness, Cyber Security Assessment, etc.
2. Multinational Projects provide a cost-effective way for Allied Nations to acquire capabilities for national purposes that are not eligible for NATO common-funding.
3. Promoting and fostering multinational cooperation in Cyber Defence capability development between the Allied, but also NATO Partner Nations.



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Tier 1 and Tier 2 SMART DEFENCE PROJECTS with the CONSULTATION, COMMAND AND CONTROL BOARD (C3B) as SPONSORING or SUPPORTING COMMITTEE

Tier 1 Cyber Defence Smart Defence Projects with C3B as Sponsoring Committee

Lead Nation

Multinational Cyber Defence Capability Development
(MN CD2)

NETHERLANDS

Malware Information Sharing Platform (MISP)

BELGIUM

NATO Multinational Cyber Defence Education and
Training (MN CD E&T)

PORTUGAL

Tier 2 Cyber Defence Smart Defence Project with C3B as Supporting Committee

Sponsoring
Committee

Future Reserve Cyber Personnel

MILITARY
COMMITTEE

Partner nations participation: MN CD2 – Finland; MISP – Austria, Georgia
and Finland; MN CD E&T – Georgia and Finland



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New Cyber Defence Smart Defence Proposal “Future Reserve Cyber Personnel”

Proposed by NATO Reserve Forces Committee in **March 2016**

Purpose:

1. Improve existing Cyber capabilities, force structure, and civ-mil cooperation.
2. Increase understanding of current threats and skill sets necessary to counter cyber attacks, that may be held, or could be held in the future within reserve forces.
3. Establish an understanding of reserve cyber units structures, capabilities and establishment of best practices.

Interested Nations: Allied - **CAN, GRB** and **USA**; Partners – **AUS** and **NZL**

Interested Organisations: Cooperative Cyber Defence Center of Excellence

(CCD COE), Tallinn, Estonia; MN CD E&T and

NATO Communication and Information Agency (NCIA)



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