



NATO Communications and Information Agency

NATO & EU Cyber Defence Collaboration



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Background

- A strong mandate from the top!
 - Wales Summit and the Enhanced NATO Cyber Defence Policy
 - Collaborate and cooperate with Partners, industry, academia and EU
- Why?
 - Same threats – same challenges
 - Collective cyber defence





First steps ...



- 10 February 2016:
 - Technical Arrangement between NCIRC & CERT-EU signed



NATO and the European Union enhance cyber defence cooperation

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English [French](#) [Russian](#) [Ukrainian](#)

NATO and the European Union face similar challenges in protecting their networks against the growing threat of cyber attacks. To help both

Creating the foundation for more effective collaboration

The commitment...



Interaction to include, but not limited to:

- a) **enhanced cyber defence information sharing** to improve cyber incident/attack prevention, prediction, detection, and response, to include:
 - i. routine and events-based technical information;
 - ii. promotion of interoperable information sharing operational standards;
 - iii. regular review of both organisations information outputs with regard to further developing cooperation as both organisations develop;
- b) **exchange of best practices on partnership with industry**;
- c) **sharing of cyber defence best practices**, for example on technical innovations, incident handling methodologies and secure configuration of networks or the mutual review of technical or procedural practices.

The practice...



- CERT-EU a part of the NATO MISP
 - Malware Information Sharing Platform
- Sharing of best practices:
 - System hardening guides
 - Incident information exchange standards
- Routine expert-level interaction

Not just diplomacy – real value

Next steps...



- Develop further the relationship with CERT-EU
- Follow-on collaboration with:
 - European Defence Agency
 - Eurocontrol
 - Europol
 -



NATO Cybersecurity Alliance: *'next generation'* starts now!

7-8 September 2016, Mons EXPO

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WORM
VIRUS

TROJAN
WORM
WORM

SPAM
TROJAN

SPAM

TROJAN
HACKER
HACKER

HACKER
TROJAN

SPAM

VIRUS
VIRUS

TROJAN
WORM
WORM

NCI
AGENCY
CYBER SECURITY
NCIRC

computer
emergency
response
team
CERT-EU
for the EU institutions, bodies
and agencies

Stronger Together!