



DOGNÆDIS
A PROSEGUR COMPANY

MAKING CYBER SECURITY
AN ADDED VALUE



Agility as main driver of Cyber Defence tactical capabilities

Francisco Nina Rente
Academia Militar – Amadora, Portugal
April 28th, 2017



The image features a central text element surrounded by yellow abstract shapes. At the top, there are three concentric yellow arches. Below the text, there are several yellow geometric shapes, including a central triangle and several trapezoidal shapes on either side, some of which appear to be tilted or fragmented.

The world ~~is changing.~~ has changed.

State Sponsored attacks

< 2007

A bunch of them that no one wants to talk about or in other words - it just happen in the movies! :)



State Sponsored attacks

Complexity
Vector variety
Impact

Estonia **2007**

Georgia **2008**

Stuxnet **2010**

Snowden **2013**

China's Unit 61398 **2013**

Iranian and Turkish cyber force' **2014**

....

The NATO has officially declared cyberspace a warfare domain and confirmed that a cyberattack on any of its allies will be considered as an act of war.

Cyberwarfare comes of age: The internet is now officially a battlefield

Cyberspace has joined air, sea, land, and space as an arena of military interest, but the concept of cyberwarfare continues to evolve beyond the grasp of military planners.



By [Steve Ranger](#) | June 21, 2016 -- 14:36 GMT (15:36 BST) | Topic: [Security](#)

NATO RECOGNIZES CYBER AS FIFTH WAR DOMAIN

A Cyber Attack on NATO Allies is an Attack on All

NATO has officially designated cyberspace as an operational warfare domain and confirmed that a cyberattack on any of its allies will be considered an Act of War.

A cyberattack on one of the NATO member states would activate Article 5 and call for a response of the alliance.



Q

WHAT WILL THE
WARRIOR-GUARDIAN
OF THE FUTURE
LOOK LIKE?

Yo! DUDE..
BACK
HERE

CYBER
SECURITY

Cyber Armies

TOP10
(defence.pk)



Most Advanced
(europa.eu)



DOGNÆDIS

Defensive

Offensive

TACTICAL



Technology

Defensive

Offensive

TACTICAL



PENETRATION TEST
Vs.
RED TEAMING



Learned Lessons

Independence

Interoperability

Automation

(without losing tuning capacities)

WHY?

Continuous interaction... the
adversary doesn't die on the
first head-shot!

DOGNÆDIS

AGILITY

Independence +
agnostic knowledge +
holistic tools

DOGNÆDIS

Thank you very much for your attention.

DOGNÆDIS

A PROSEGUR COMPANY



+351 239 047 756



info@dognaedis.com



www.dognaedis.com

 facebook.com/dognaedis

 twitter.com/dognaedis

 linkedin.com/company/dogn-dis