

# КИБЕРСИГУРНОСТТА И КИБЕРОТБРАНАТА – ЕЛЕМЕНТИ НА ИНТЕЛИГЕНТНАТА ОТБРАНА ПРЕЗ 21 ВЕК



*ДОЦ. Д-Р ЗЛАТОГОР МИНЧЕВ*

*E-mail: [zlatogor@bas.bg](mailto:zlatogor@bas.bg)*



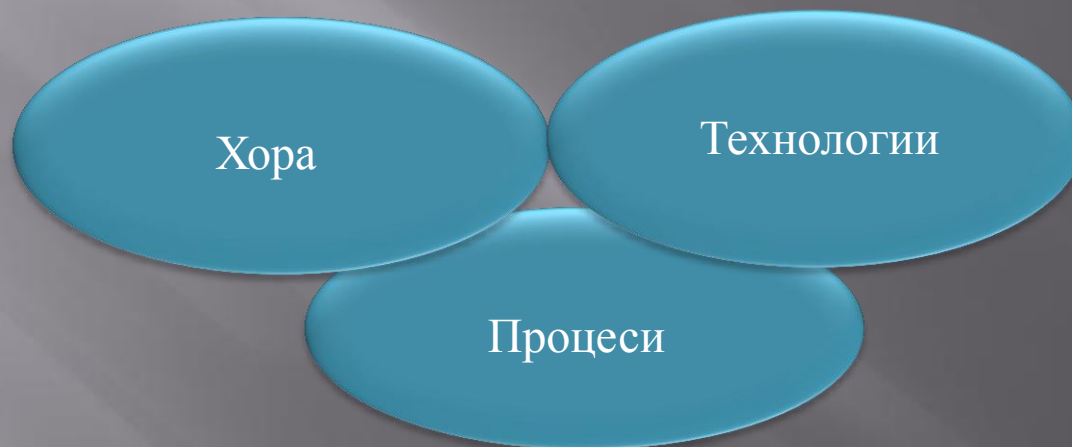
*7 години България в НАТО*

*Национална конференция «Интелигентната отбрана: националната отбранителна политика и инвестициите в отбраната през второто десетилетие на 21 век»*

# СЪДЪРЖАНИЕ

- ▣ Какво да адресираме днес в сферата на киберсигурността?
- ▣ Феномени на информационното общество – 2010
- ▣ Скорошни активности в НАТО по въпросите на киберотбраната
- ▣ Някои изследвания по темата от НПО – HORIZON 2015
- ▣ Академични активности в България – A European Network of Excellence in Managing Threats and Vulnerabilities in the Future Internet: Europe for the World (SySSec)

# КАКВО ДА АДРЕСИРАМЕ ДНЕС В СФЕРАТА НА КИБЕРСИГУРНОСТТА?



**Изграждане на капацитет и в трите направления!**

# ФЕНОМЕНИ НА ИНФОРМАЦИОННОТО ОБЩЕСТВО 2010



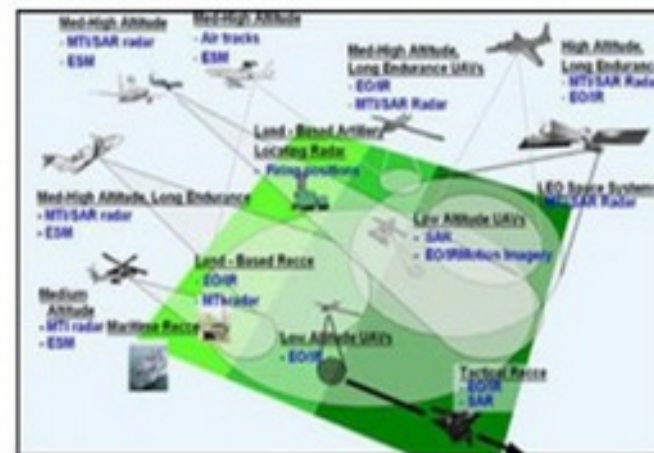
Социалните мрежи



WikiLeaks



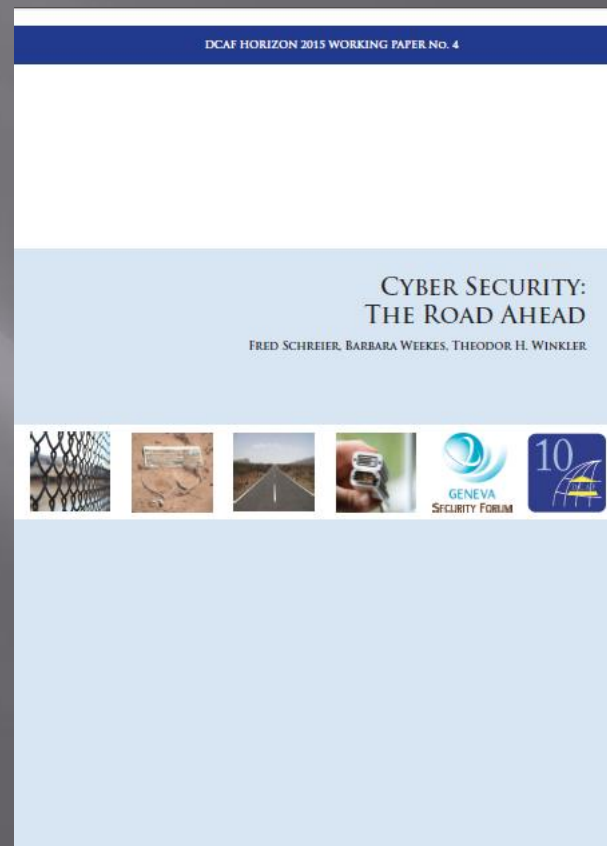
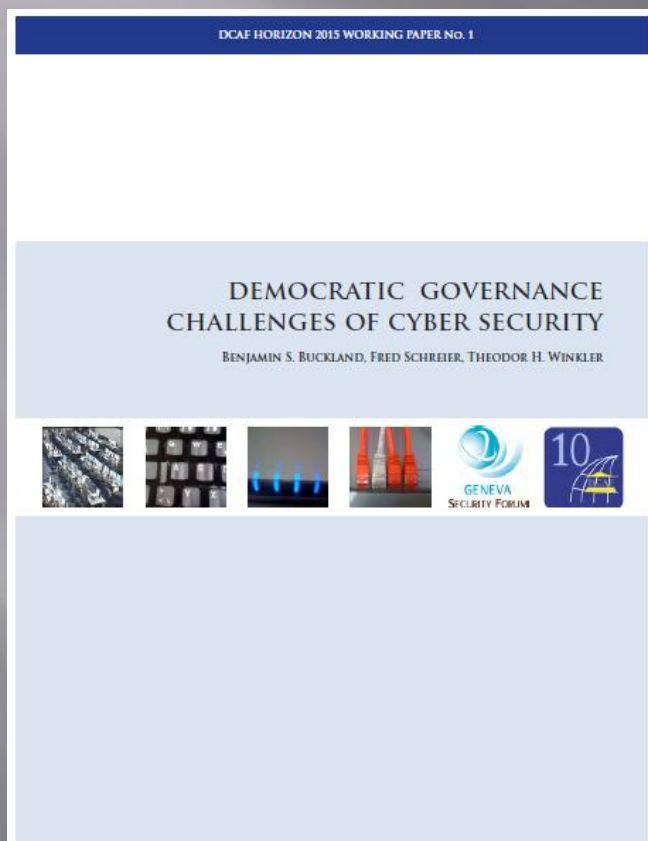
12. Cyber attacks are becoming more frequent, more organised and more costly in the damage that they inflict on government administrations, businesses, economies and potentially also transportation and supply networks and other critical infrastructure; they can reach a threshold that threatens national and Euro-Atlantic prosperity, security and stability. Foreign militaries and intelligence services, organised criminals, terrorist and/or extremist groups can each be the source of such attacks.
19. We will ensure that NATO has the full range of capabilities necessary to deter and defend against any threat to the safety and security of our populations. Therefore, we will:
  - develop further our ability to prevent, detect, defend against and recover from cyber-attacks, including by using the NATO planning process to enhance and coordinate national cyber-defence capabilities, bringing all NATO bodies under centralized cyber protection, and better integrating NATO cyber awareness, warning and response with member nations;



# СКОРОШНИ АКТИВНОСТИ В НАТО ПО ВЪПРОСИТЕ НА КИБЕРОТБРАНАТА

- ▣ NATO policy and Action Plan for Cyber Defence (CD) to be completed by June 2011;
- ▣ Analysis of Best Practises shared between Nations and NATO; the development of a CD Capability Maturity Model; the promotion of technical capabilities within each Nation;
- ▣ NC3A Multinational Cyber Defence Cooperation Development Initiative.

# ИЗСЛЕДВАНИЯ НА ТЕМАТА ОТ НПО



## DCAF HORIZON 2015

АКАДЕМИЧНИ АКТИВНОСТИ В БЪЛГАРИЯ

A EUROPEAN NETWORK OF EXCELLENCE IN MANAGING  
THREATS AND VULNERABILITIES IN THE FUTURE INTERNET:  
EUROPE FOR THE WORLD, EU FP7

SYSSEC 2010 -2014



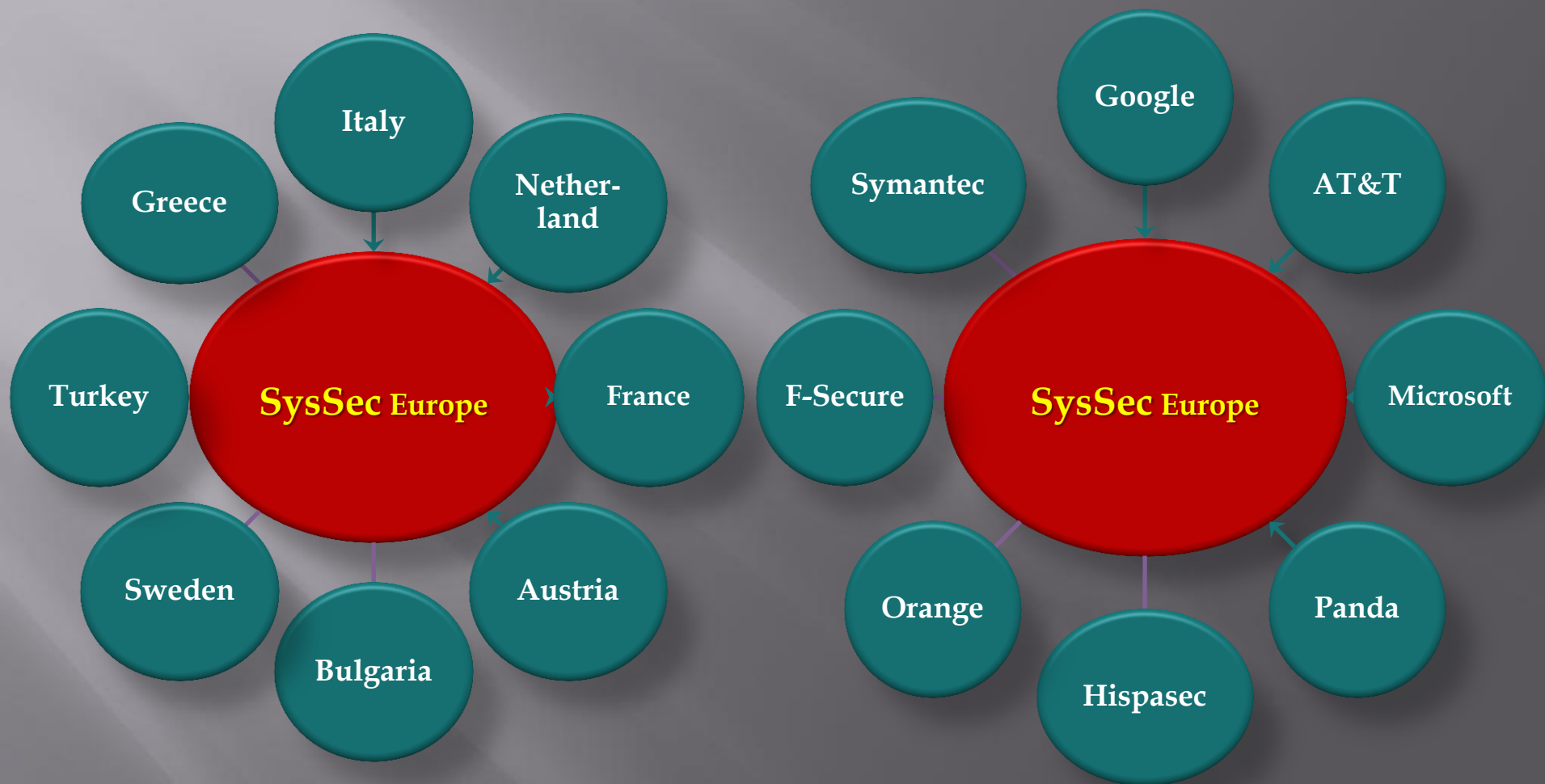
<http://www.syssec-project.eu>

**... Instead of reactively chasing after attackers,  
we should start working proactively and think  
about emerging threats and vulnerabilities...**

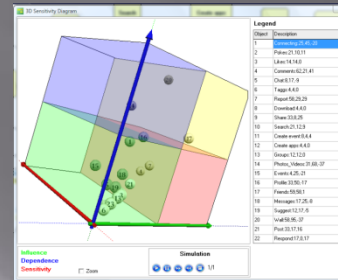
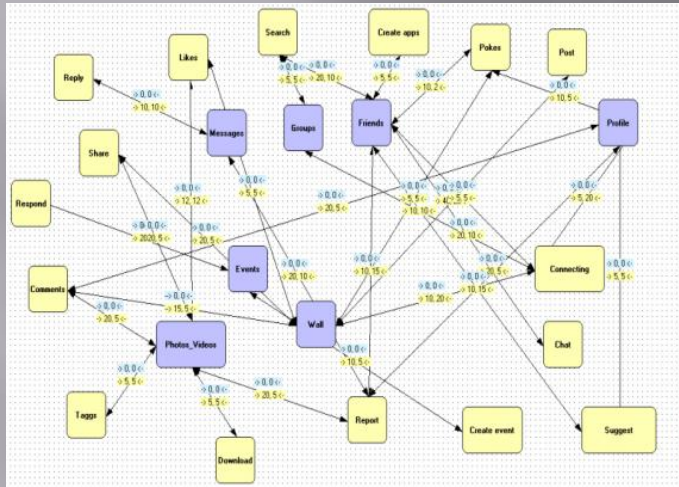
# **SYSSEC КОНЦЕПЦИУМ**



# УЧАСТВАЩИ СТРАНИ И КОМПАНИИ



# НЯКОИ РЕЗУЛТАТИ И СЪБИТИЯ



1st SysSec Workshop  
July 6th, 2011 - Amsterdam, The Netherlands

syssec



New Cyber Threats Analysis

**БЛАГОДАРЯ ЗА ВНИМАНИЕТО!**