



CYBERSECURITY POLICY MAKING AT A TURNING POINT

Analysing a New Generation of National Cybersecurity
Strategies for the Internet Economy

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OECD - Organisation for Economic Co-operation and Development

Inter-governmental organisation with 34 members

Australia	Korea
Austria	Luxembourg
Belgium	Mexico
Canada	Netherlands
Czech Republic	New Zealand
Chile	Norway
Denmark	Poland
Estonia	Portugal
Finland	Slovak republic
France	Slovenia
Germany	Spain
Greece	Sweden
Hungary	Switzerland
Iceland	Turkey
Ireland	United Kingdom
Israel	United States
Italy	+ European Union
Japan	

Membership talks with the Russian Federation

Observers (in ICCP Commitee)

India, South Africa, Egypt, Latvia, Singapore, Russian Federation
Council of Europe
International Conference of Privacy & Data Protection Commissioners

Multi-stakeholder process

Business & Industry Advisory Committee (BIAC)
Civil Society Information Society Advisory Council (CSISAC)
Internet Technical Advisory Committee (ITAC)



Mission



OECD

BETTER POLICIES FOR BETTER LIVES

- Promote policies that will improve the economic and social well-being of people around the world.
 - Forum, place for **dialogue** and **sharing** of experience
 - Seeking solutions to common problems



A New Generation of Cybersecurity Strategies

- 2009-2010 – Presentations of new strategies in the OECD
 - Australia, France, UK, US, France... More in the pipeline...
- Something is going on here ...
- Work started in 2011
 - 10 volunteer countries: Australia, Canada, France, Germany, Japan, Netherlands, UK, US, + Finland & Spain
 - Questionnaire to countries & stakeholders
 - Some strategies revised during the process



Working Party on Information Security and Privacy (WPISP)

- OECD 2002 Guidelines for the Security of Information Systems and Networks: Towards a Culture of Security (« Security Guidelines »)
 - 2005 Survey on the implementation of the Guidelines
 - **Currently under review**



Cybersecurity: A New National Policy Priority

- The Internet has evolved from useful for some to essential for all
- Need to protect distinct actors as well as society as a whole
- Elevation of cybersecurity among government policy priority
- Double objective of strategies:
 - Strengthening cybersecurity for the Internet economy to further drive economic & social prosperity,
 - Protecting cyberspace-reliant societies against cyber-threats.
- Integrated and comprehensive approach
- Strong leadership
- “Cyber” terms are used differently



Commonalities

- Enhanced governmental co-ordination at policy and operational levels
- Reinforced public-private co-operation
- Improved international co-operation
- Respect for fundamental values



Emerging trends

- Sovereignty considerations in cybersecurity policy making
- Flexible policy approach
- Importance of economic aspects of cybersecurity
- Benefits of a multistakeholder dialogue



Action plans

- *All* strengthen
 - Gov. security
 - CIIP
 - Fight against cybercrime
 - Awareness raising
 - Education
 - Response
 - R&D*
- *Some* focus on:
 - Situational awareness,
 - Gov systems monitoring
 - Cybersecurity industry sect.
 - Specific business players
 - Partnerships with ISPs
 - Eco. drivers & incentives (labels, data breach notif.)
 - Cyber exercises
 - Digital identity frameworks
 - Children online



Non-Governmental Stakeholders

- Considerations by non-governmental stakeholders (BIAC, CSISAC, ITAC)
 - Sovereignty / economic & social intersections
 - Fundamental rights impact assessment
 - Multistakeholder consultations
 - Consistency of policies
 - Government lead by example
 - Advisor role of Internet technical community
 - Role of international open standards vs. unilateral ones
 - Empirical evidence
 - Regulatory barriers to trade, interferences in the value chain
 - ...

- The results of the study will be used as input to the review of the OECD 2002 Security Guidelines
<http://oe.cd/securityguidelines>
- Report will be available in November. See: www.oecd.org/sti/security-privacy
- Working Party on Information Security and Privacy: <http://oe.cd/wpisp>