A Business Perspective on Promoting Cybersecurity

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Topics

- Culture of Cybersecurity
- Role of Business
- Cooperation with the Stakeholders
- ICC Companion documents to the OECD Security Guidelines
- ICC Companion to OECD Security Guidelines
  - What Should be Known
  - What Should be Done
- Summary

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Culture of Cybersecurity

- Everyone has a role in improving global cybersecurity
- Each participant has appropriate security responsibilities and behaviors depending on their role and situation
- Security-improving behaviors should become intuitive, and as automatic and common-sense as looking both ways before crossing the street

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Role of Business

- All stakeholders have a role
- Business as the principal innovator, developer, and provider of ICT, and a significant user of ICT has a broader role
- Business can be a developer, implementer and user of security technology, practices and policies
- Business can help to
  - ensure that security is designed into products,
  - promote the use of security technology,
  - provide information and assistance in the secure the configuration and implementation of technology , and
  - raise awareness of its customers about the importance of security and steps they can take to develop a culture of security

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Cooperation with other Stakeholders

- All Stakeholders depend upon each other's security assurances – Global Information Society; Global Marketplace
- Raising security awareness is in business' interest
  - Global connectiveness
  - Security is the essential building block in the development of trust and confidence in ICT use
- Business must outreach to others: customers, governments, civil society organizations, and international organizations, e.g.
  - Voluntary sharing of appropriate information about incidents
  - Addressing issues of cybercrime and raising public and industry awareness
  - Working with users to better understand whether there is appropriate and understandable information on security features
- ICC stands ready to organize, participate and facilitate in such cooperative activities

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ICC Companion Documents to OECD Security Guidelines

"Information security assurance for executives"

An international business companion to the 2002 OECD Guidelines

http://www.iccwbo.org/policy/ebitt/id2132/index.html

"Securing your business"

A companion for small and enterprise companies to the 2002 OECD Guidelines

http://www.iccwbo.org/policy/ebitt/id2291/index.html

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ICC Security

- Foundation Principles
  - Awareness – what should be known
  - Responsibility – what should be done
  - Response – how should security incidents be reacted to in a timely and cooperative way
- Social Principles
  - Ethics – what is appropriate in behavior that affects others
  - Democracy – general respect for rights and freedoms

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ICC Security

- Security Lifecycle Principles
  - Risk assessment – understand threats and vulnerabilities to systems, processes and employees
  - Security design and implementation – how to select and deploy hardware and software
  - Security management – managing security over time and throughout the business
  - Reassessment – security is a continuing process, not a one-time solution

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What Should be Known

- Understanding
  - the importance of information to a business
  - security related assets
  - how assets are used, by whom and for what reason
  - security management
  - broader obligations

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What Should be Done

- Security Policy
- Security Standards and Practices
- On-going Security Education

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Summary

- All stakeholders have a role in creating a Culture of Cybersecurity
- Business has a broad role to play due to its wide range of activities in the Information Society
- Cooperation among all stakeholders is important; ICC stands ready to organize, participate and facilitate in such cooperative activities
- Security is a continuing process, not a one-time solution

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