CYBERSECURITY

more than just an opportunity

The initiatives of the Ministry of the Economy in the field of cybersecurity.

François Thill, Deputy director e-commerce and information security, Ministry of the Economy.



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CITC

aware

Agenda



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- The strategy
- Flagship projects



Cyber security goes beyond IT.

It is a matter that concerns any individual using multimedia. For a country building its economic strength on ICT, cyber security is an essential asset to its economic attractiveness.

Cyber security represents an economic opportunity. We strongly believe in the empowerment of all the stakeholders, as part of the democratisation of information security. Our approach is customer oriented, collaborative and coordinated at national level.

Etienne Schneider - Warsaw 2014

The strategy



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The democratisation of security
The creation of synergies
The pooling of efforts
Informed governance
The reduction of compliance costs

Photo: Alexandre Dulaunov

The strategy - democratisation of security



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Security for all - together

- Skills and human resources
- Reducing costs and complexity
- Organisational security gets affordable



 Iremendous potential of syners es

 Education

 Organisation (risk management, security policy)

 Technology (protection, incidents, indicators)

Photo: Lena Thill



It is possible to mutualise

- At the level of risk treatment
- At the level of situational reports and indicators
- At the level of human resources (reserve)

Photo: Mammut



Informed governance

Risk management at the service of governance
For the benefit of the community
On the basis of objective metrics



The strategy - the reduction of compliance costs...

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Harmonisation of regulators

- Harmonised regulatory requirements
- Harmonised risk management
- Harmonised reporting

Photo: Bill Grevcev



The government is aware that information security is a societal challenge that must be addressed jointly by adopting appropriate behavior, putting in place effective and efficient organizational and technical measures while respecting the principles of proportionality and necessity.

The government promotes national and international collaboration and is determined to democratize information security by identifying potential synergies while reducing costs and complexity of procedures for all stakeholders.

Cybersecurity strategy of Luxembourg



• CASES : MONARC

• CIRCL : MISP & AIL

• AWARE : hack4kids



Flagship projects - CASES

• Méthode Optimisée d'aNAlyse des Risques Cases - MONARC

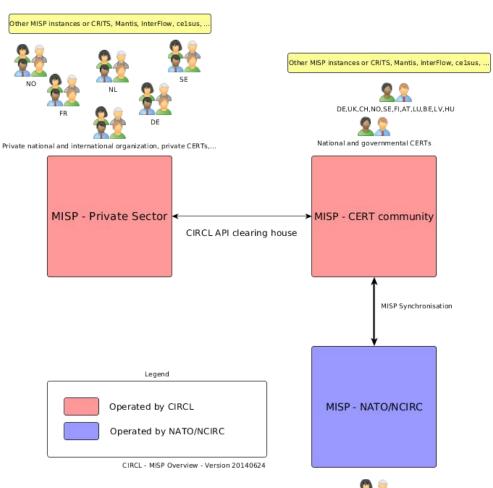


- Reduction of individual effort: 80%
- Increased international interest:
 - CH, DE, AT, BE, FR, EU





• MISP – Malware Information Sharing Platform



NATO member countries





• **AIL** – Analysis of Information Leaks

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Flagship projects - AWARE



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