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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Ministère de l'Économie

circl   cases   aware

Agenda

- 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 Dulaunoy

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Security for all - together

- **Skills and human resources**

- **Reducing costs and complexity**

- **Organisational security gets affordable**

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Tremendous potential of synergies

- **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

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Informed governance

- **Risk management at the service of governance**

- **For the benefit of the community**

- **On the basis of objective metrics**

Photo: Monceau

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Harmonisation of regulators

- **Harmonised regulatory requirements**

- **Harmonised risk management**

- **Harmonised reporting**

Photo: Bill Greycey

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.
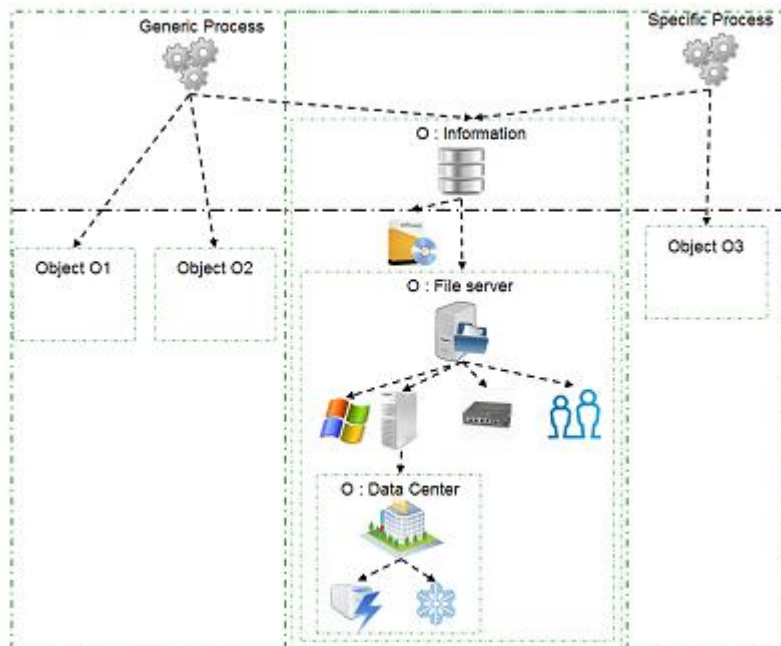
Cybersecurity strategy of Luxembourg

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- CASES   : *MONARC*

- CIRCL   : *MISP & AIL*

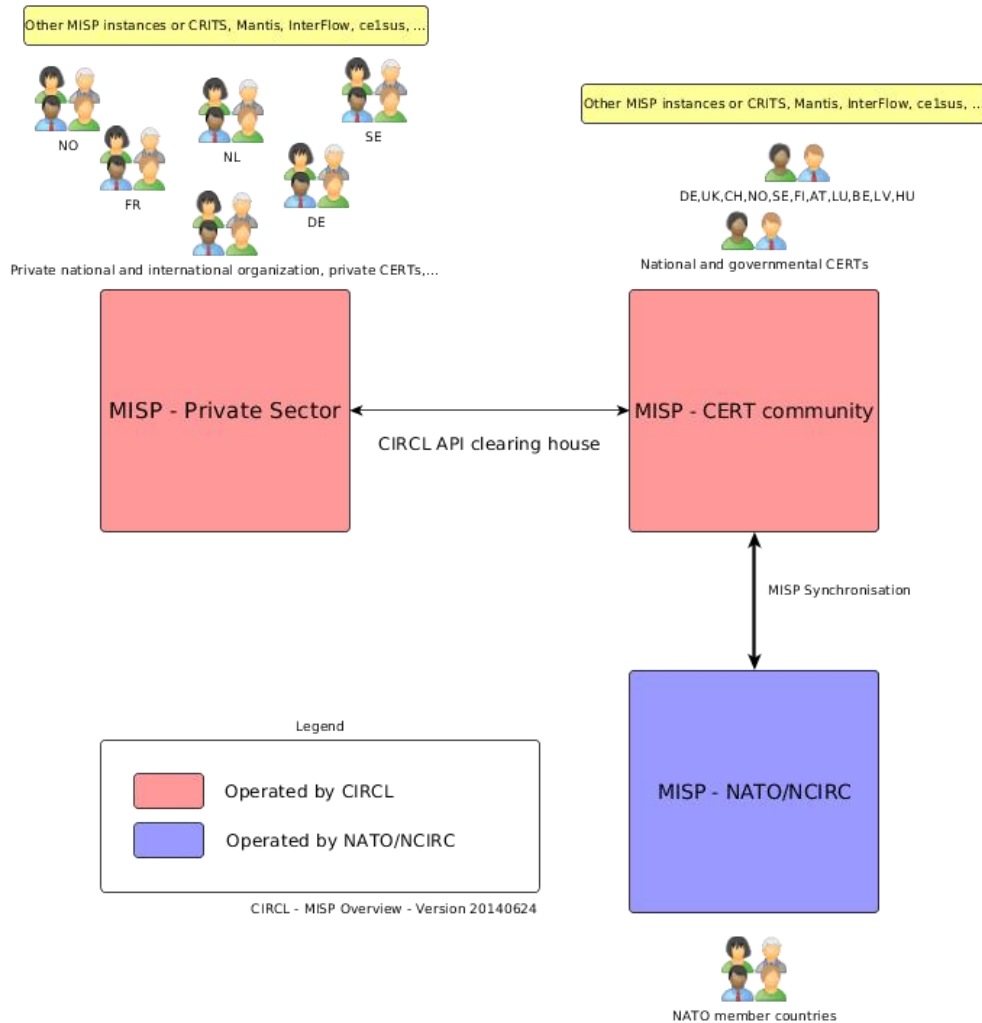- AWARE : *hack4kids*

Flagship projects - CASES

- Méthode Optimisée d'aNAlyse des Risques Cases - **MONARC**
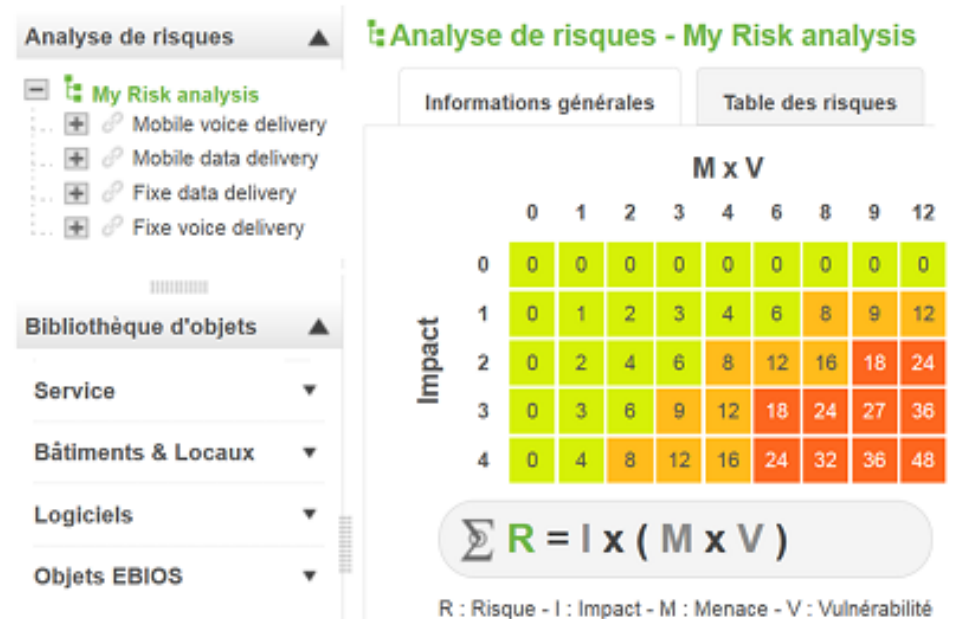
- Reduction of individual effort: 80%

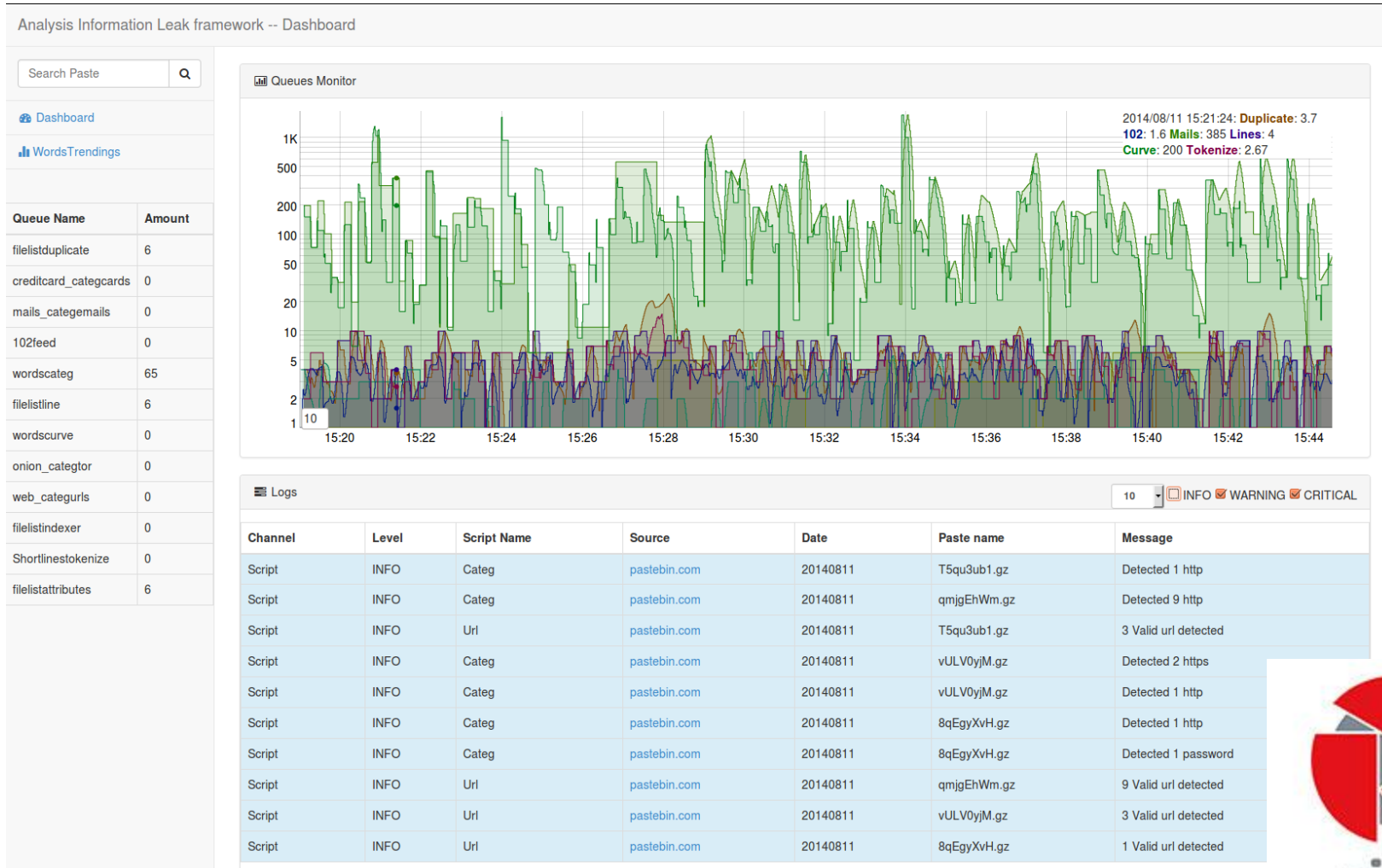- Increased international interest:
  - CH, DE, AT, BE, FR, EU

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- **MISP** – Malware Information Sharing Platform

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- **AIL** – Analysis of Information Leaks

- Hack4Kids