



CYBER4Dev

Cyber competences

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Who are we

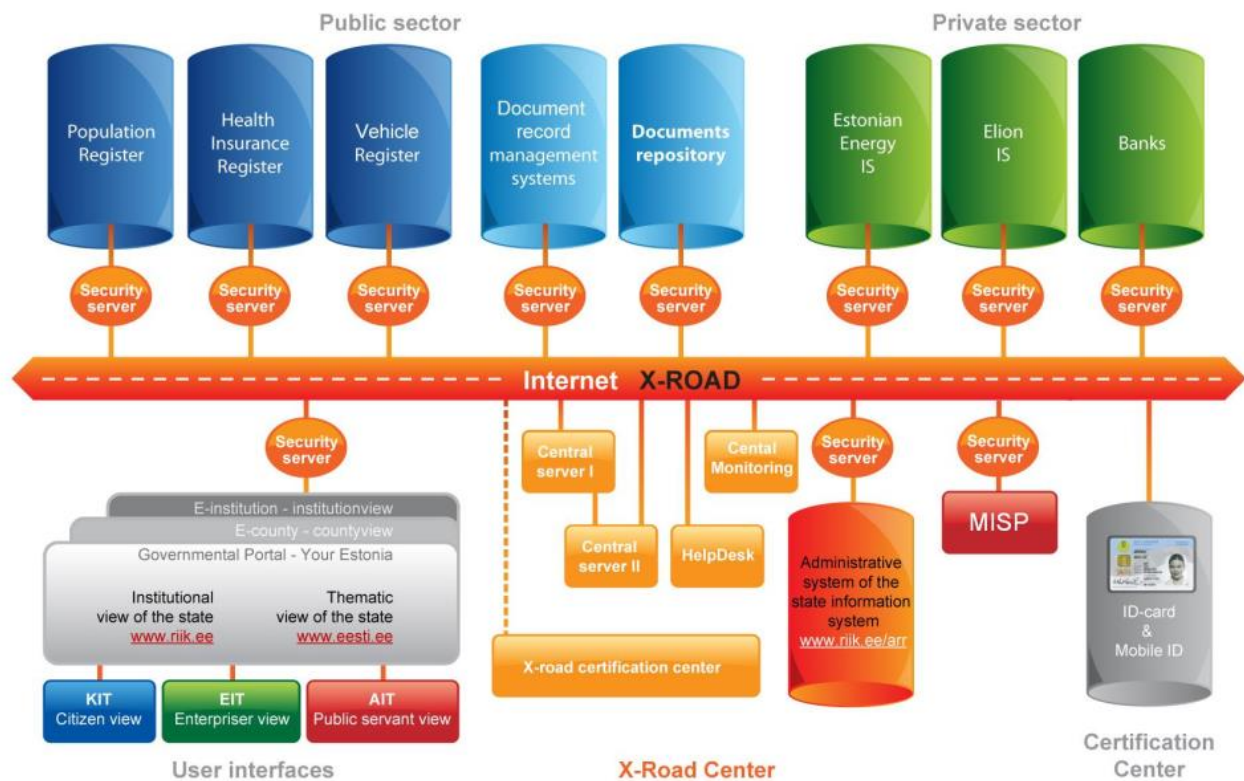
Cyber Resilience for Development (Cyber4Dev) is a European Union project designed to promote cyber-resilience and cybersecurity in order to protect public and private enterprises across the globe.

- **Output 1: Strengthened Cybersecurity Policy, Strategical, and Coordination Frameworks**
- **Output 2: Increased Cybersecurity Incident Response Capabilities**
- **Output 3: Fostered Networks of Cyber Expertise and Cooperation**

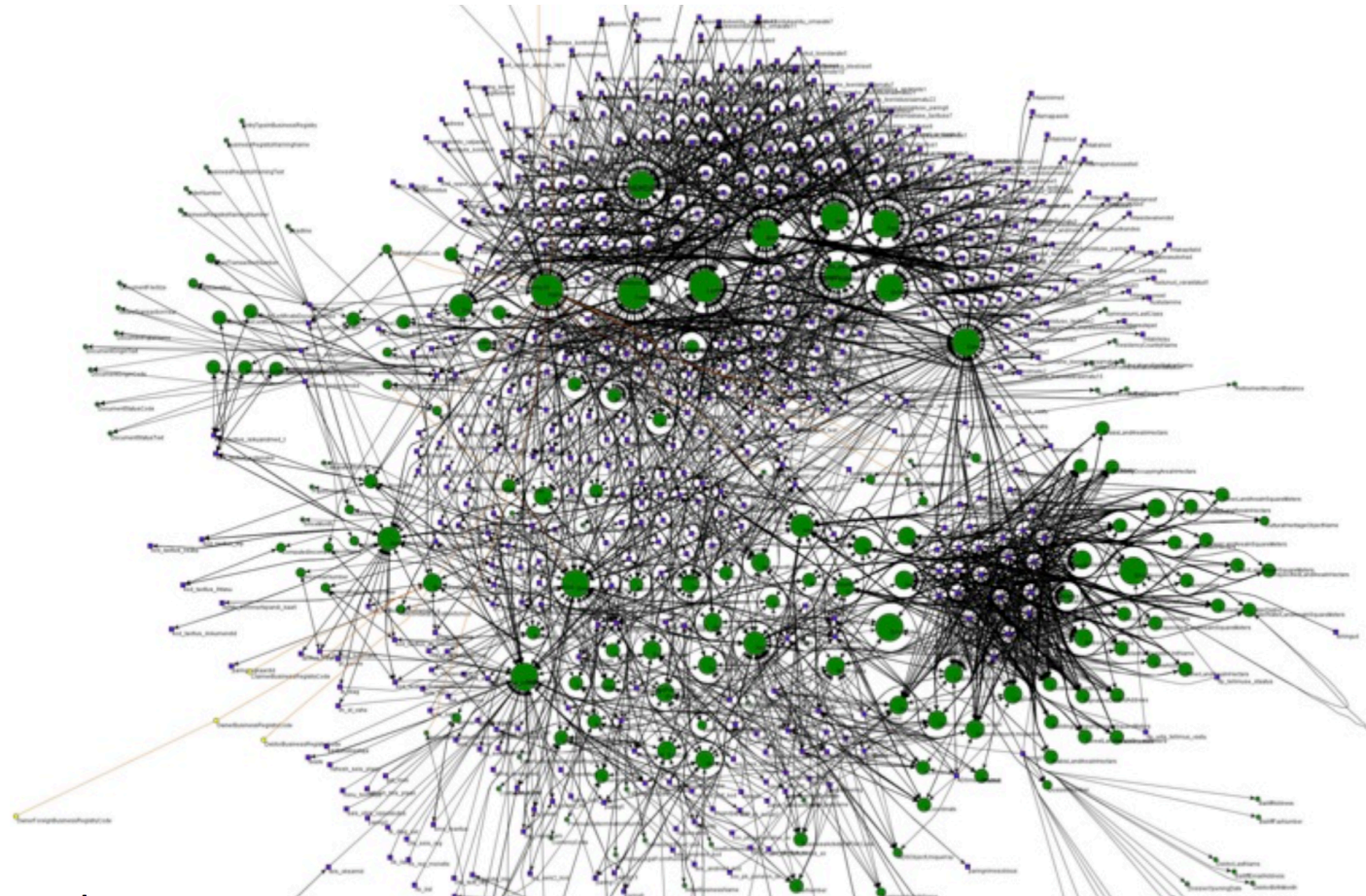


Plans in paper

Estonian information system



Reality and legacy





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.EE Dashboard

Web and email security configuration of top properties under the EE top-level domain.

[Maintained by the Estonian Internet Foundation.](#)



1,229
HOSTS



2,665
CERTIFICATES



1,630
IP ADDRESSES

Infrastructure Configuration Overview

Key aspects of web application and email infrastructure configuration and security.



WEB CONFIGURATION



EMAIL CONFIGURATION



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Foreign &
Commonwealth
Office



Ministry of Foreign Affairs of the
Netherlands



REPUBLIC OF ESTONIA
INFORMATION SYSTEM AUTHORITY

PPP - public private *polarity*

Can or can not assess risks the same way?

Cost of impact?

Consequences?

Responsibility?

ROSI?



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How to create resilience?

- **Compliance**
- **Reality**



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Netherlands



REPUBLIC OF ESTONIA
INFORMATION SYSTEM AUTHORITY

Estonian example: E-ITS

- **Full circle**

Framework, laws and regulations, supervision

- **Granularity**

Do we (who?) know everything?

- **Risk management vs baseline security**

Choose the way

- **Security levels**

How to define low or high security need

- **Compliant with (EE+EU) laws**

NIS, GDPR, eIDAS, HoS, KüTS



Estonian example

Qualitative VS Quantitative

Qualitative – based on scenarios, experience, assumptions. Not numbers

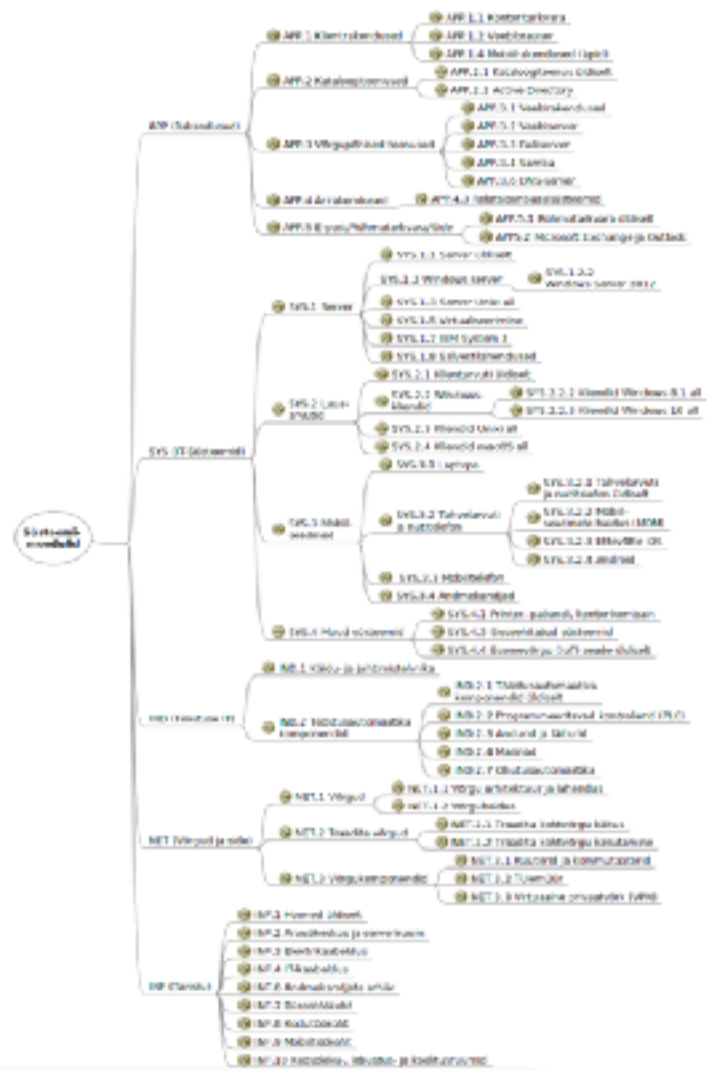
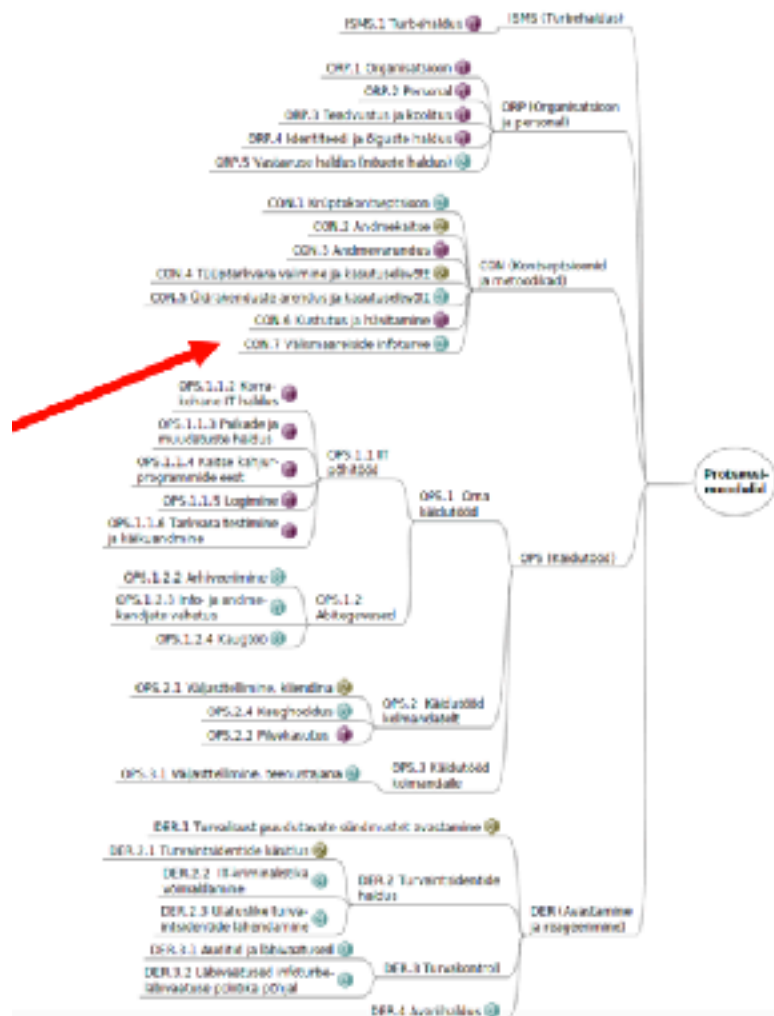
Quantitative – money, cost of damage, cost of risk decrease

Asset value €

Damage value €

Risk management price €

Granularity





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Overview



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Reality

- **Knowledge about real roles needed**

Big VS small entities

- **Full picture of real needs**

What is missing? What THEY are asking?

- **Soft skills**

Communication, presentation, media, law, etc

In a nutshell

Compliance \neq Security
CISO \neq Security
Framework \neq Security
Trainings \neq Security

But it does help a lot



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