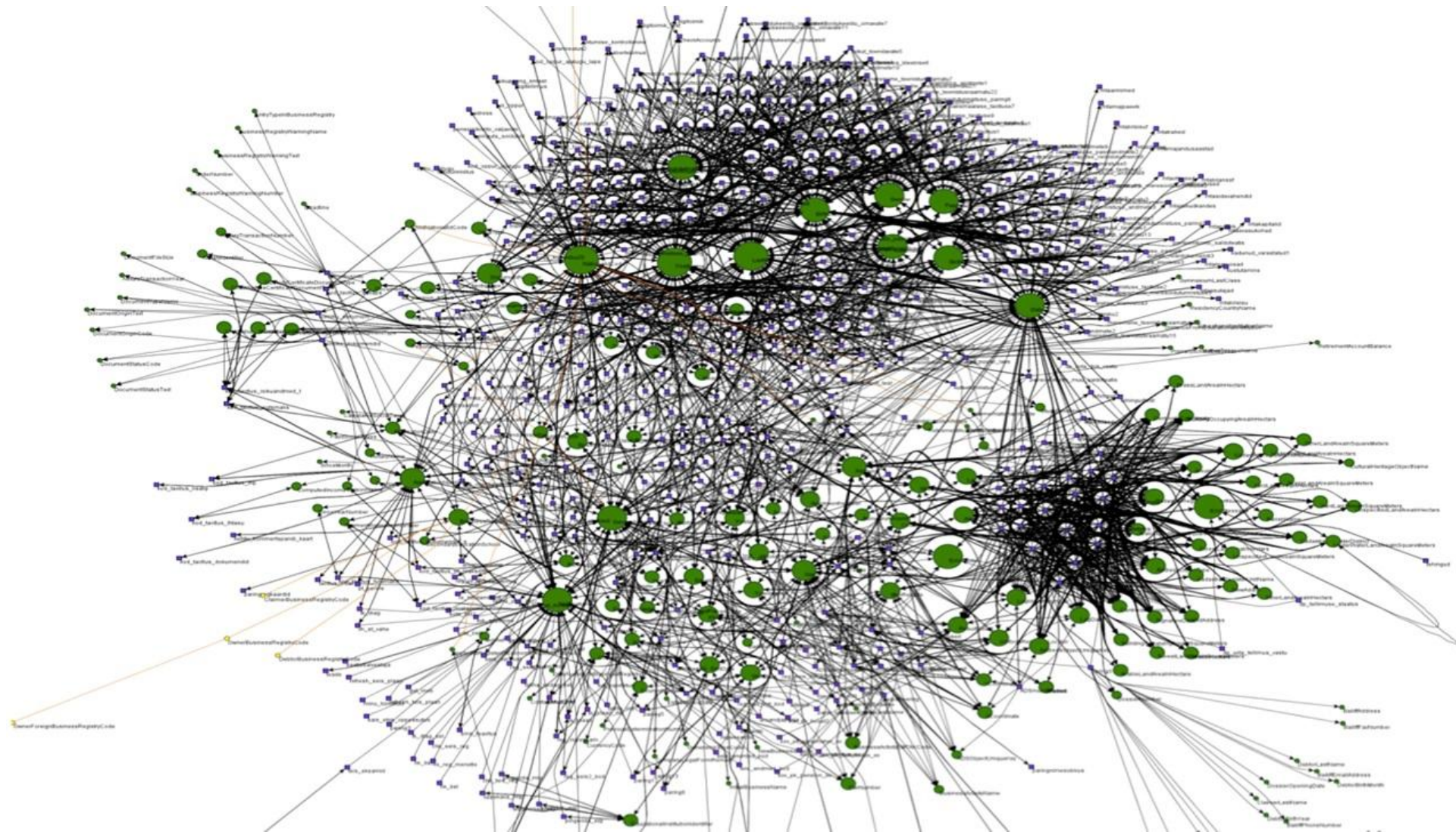




# **Governmental Interoperability Framework**

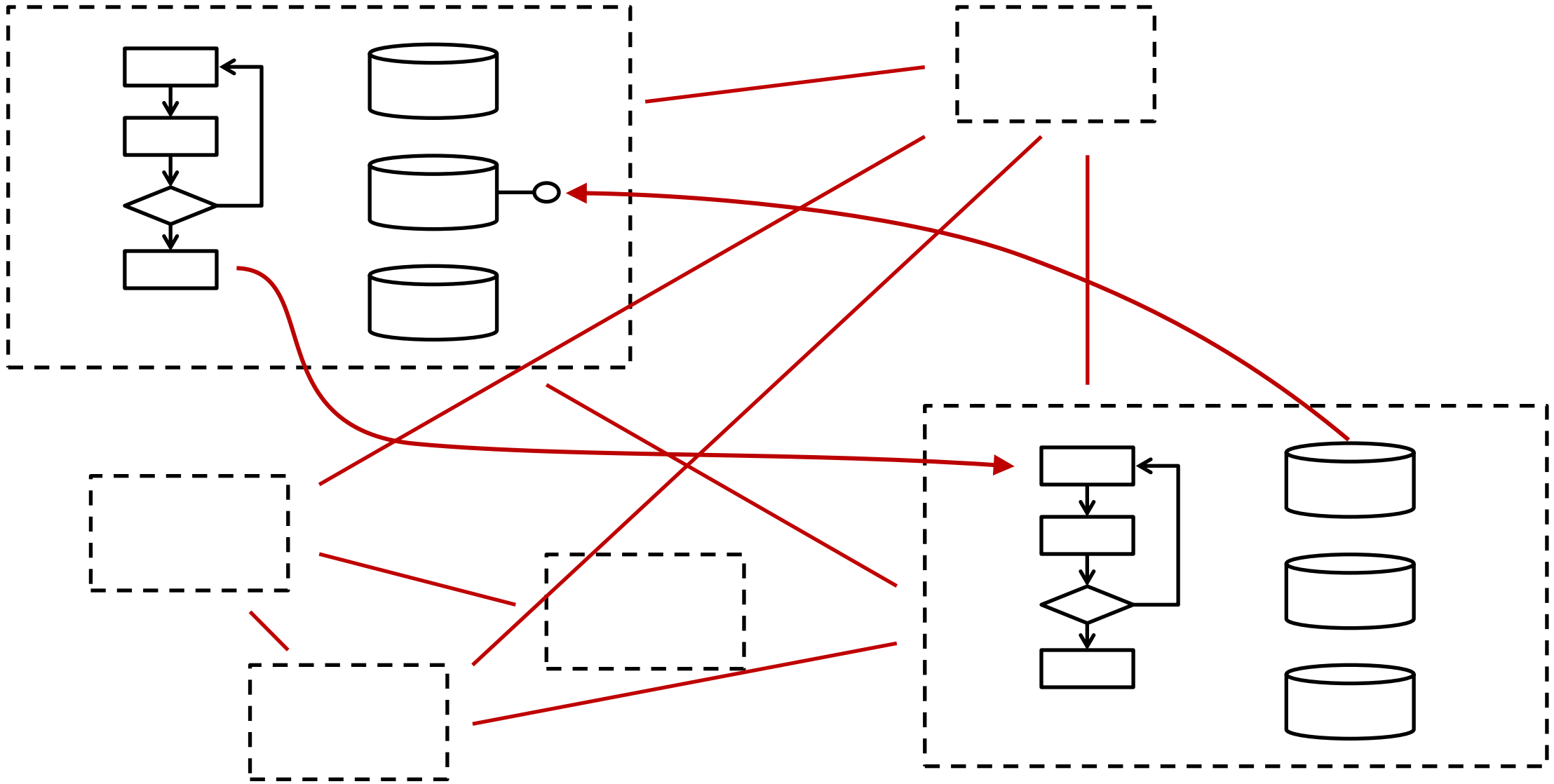
Arne Ansper

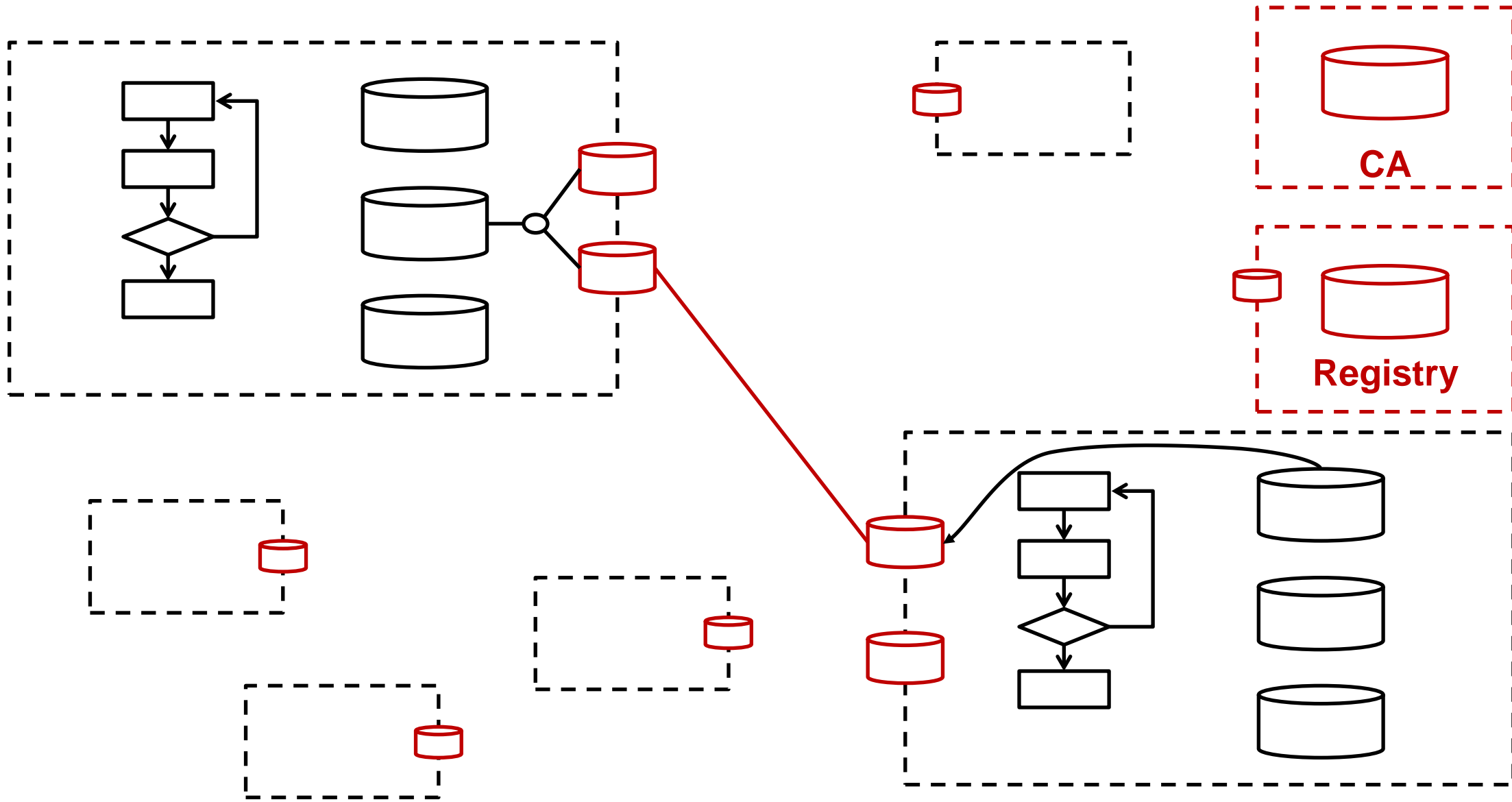
arne.ansper@cyber.ee



# Statistics

- ⊙ 16 years in production (almost)
- ⊙ 891 connected organizations
- ⊙ 1504 services
- ⊙ 574 million transactions last year
  
- ⊙ Mandatory for all governmental institutions

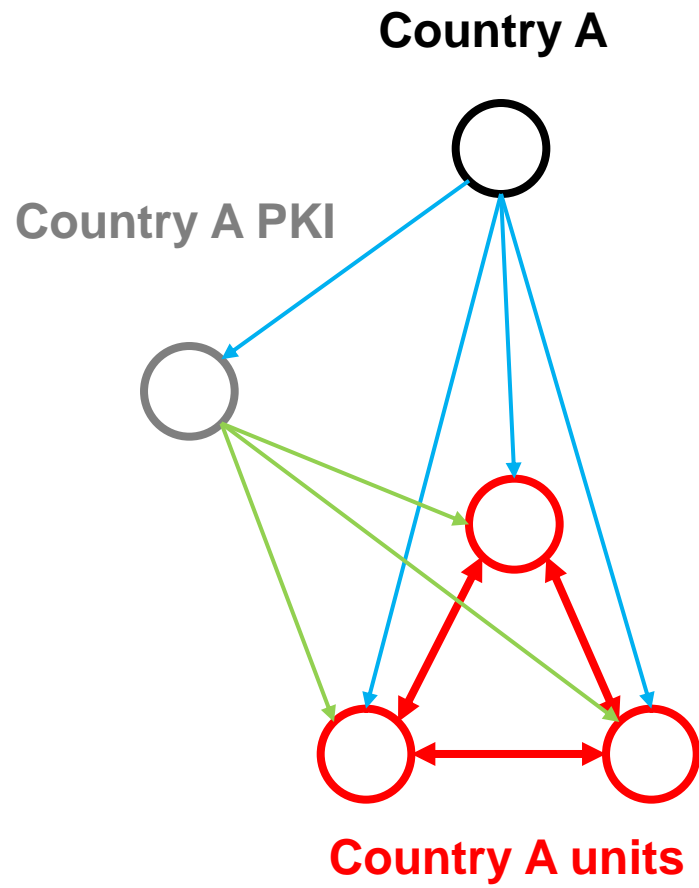




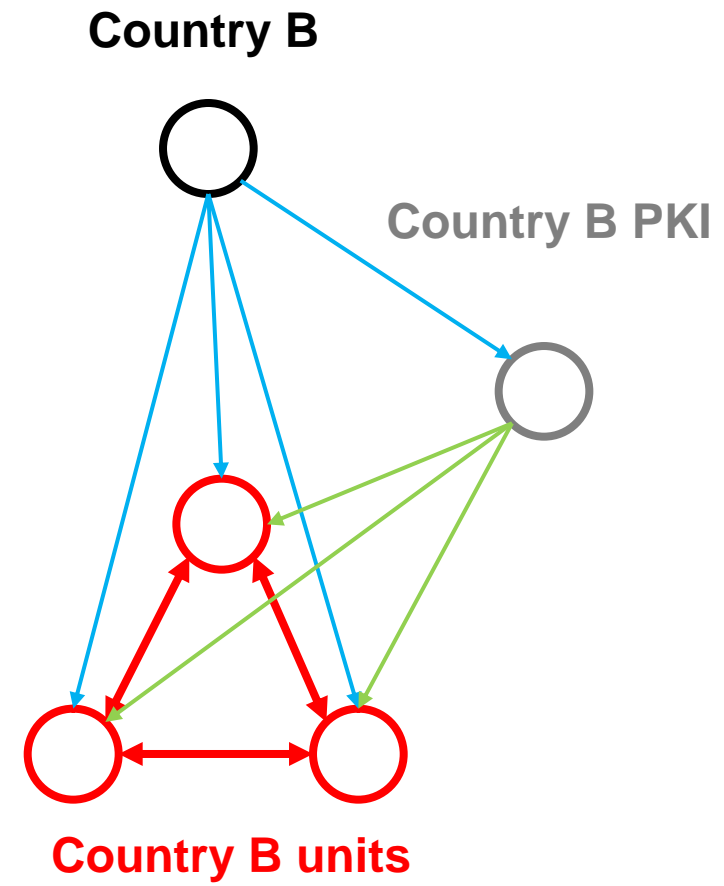
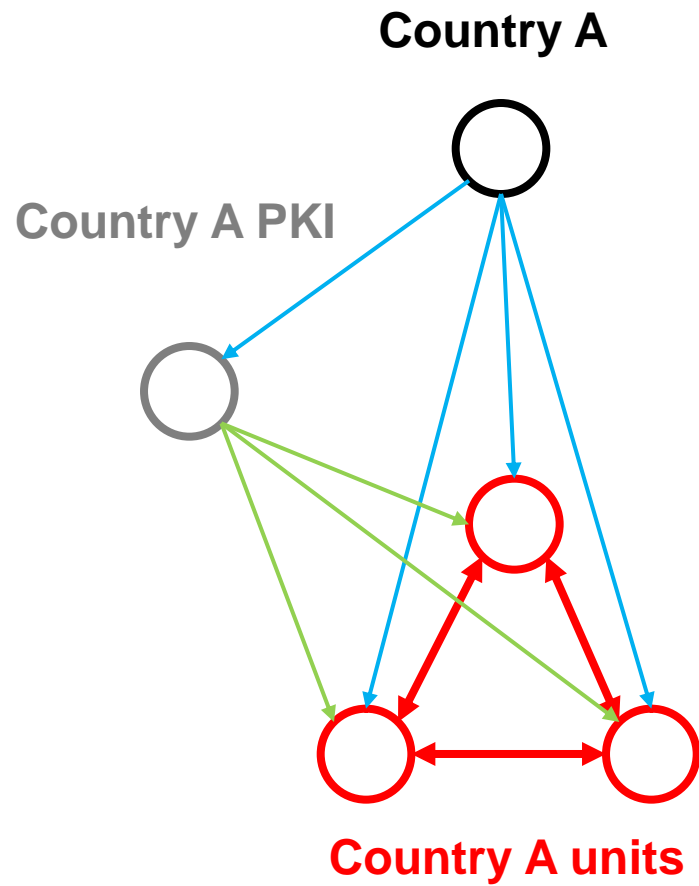
# Technical Solution

- ⊙ Direct communication – scalable and secure
- ⊙ Central coordination – scalability and policy enforcement
- ⊙ All exchanged messages have eIDAS electronic seals and are valid in court
- ⊙ All exchanged data has legal meaning and can be used in all decision-making processes

# Federation

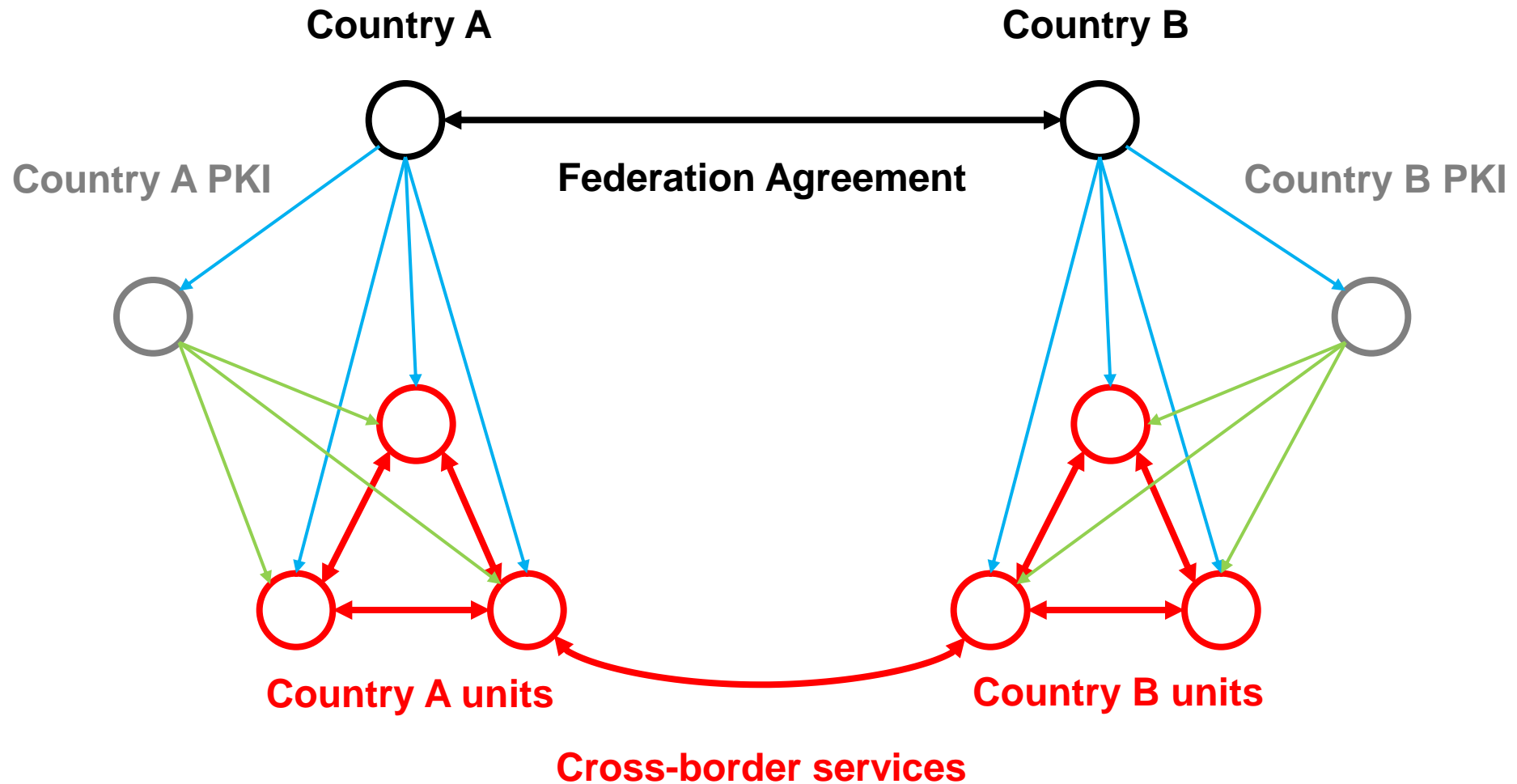


# Federation





# Federation



# International Usage

- ⊙ Finland
- ⊙ Namibia
- ⊙ Haiti
- ⊙ Ukraine
- ⊙ Pilots in other countries and private sector
  
- ⊙ You can try it out too

# UXP – Unified eXchange Platform

- ⊙ Secure, efficient, scalable communication between (semi-)independent organizations
  - ⊙ Ensures the security of exchanged data
  - ⊙ Ensures traceability and non-repudiation of information exchanges
  - ⊙ Ensures the legal status of the exchanged data
  - ⊙ Ensures organizations full control over it's data and resources

# Cybernetica AS

- ⊙ Estonian ICT company, founded in 1997
- ⊙ We develop and sell **mission-critical** e-government, information security, radio communications and surveillance software products and systems
- ⊙ We seek new areas of advancement through interactions between **research and development**
- ⊙ As of 2016 we were 120 people and over 10 MEUR in revenues



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