

TUVE

Turvallisuus.

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The Development of the Security Network

Ministry of Finance

Security Network Project 03/2012

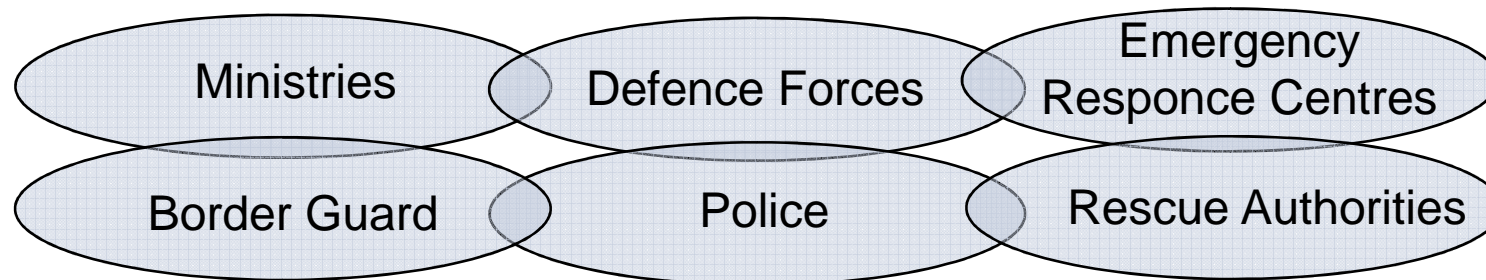


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Government Security Network

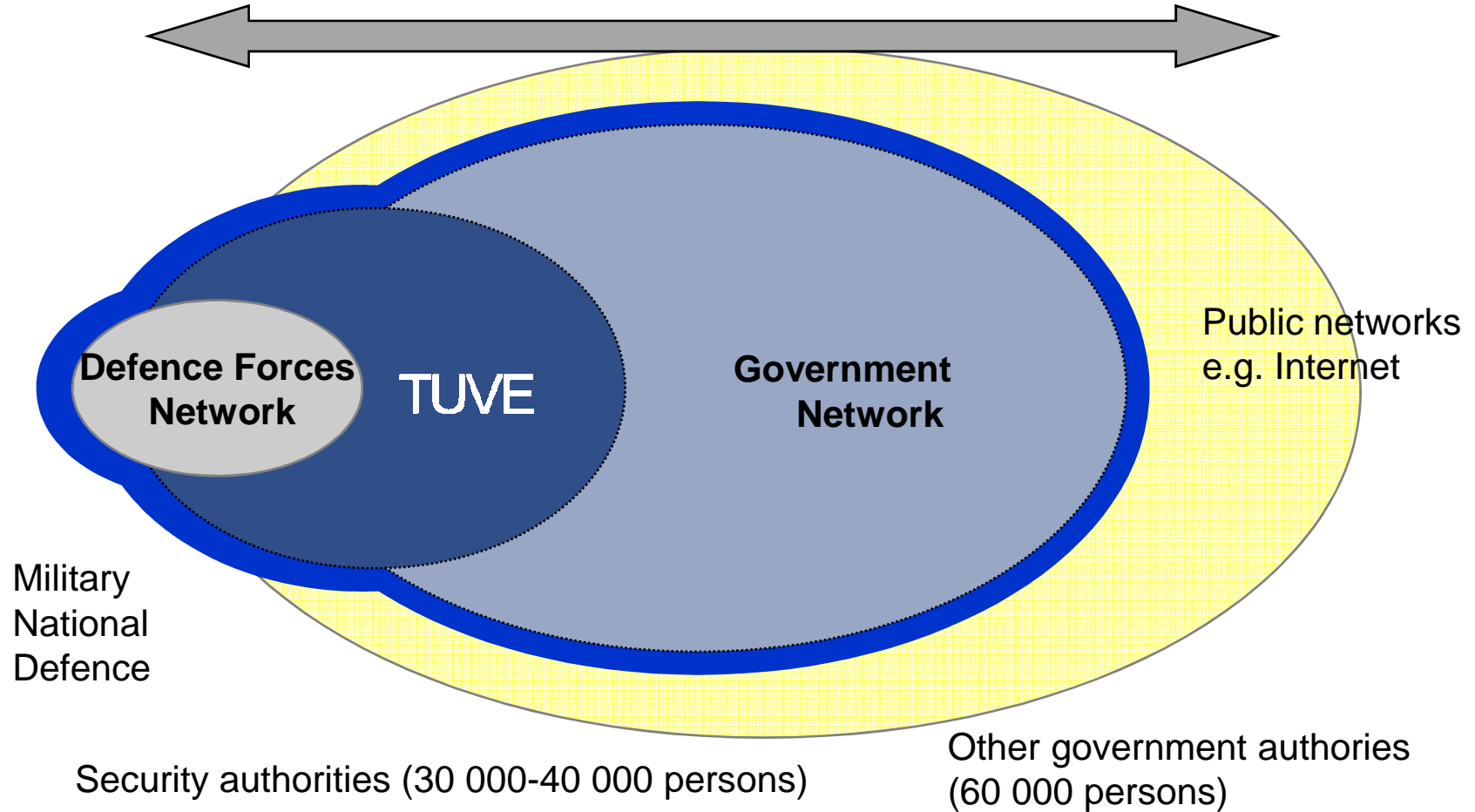
- High preparedness telecommunications solution for the government and security authorities
- The security network ensures interaction and communication between the senior government officials, security authorities and other actors
- Secures the integrity, availability and confidentiality of critical information.



Government telecommunications network

*Higher level of preparedness
Higher costs*

*Lower level of preparedness
Lower costs*



Driving force behind the development

- Need to ensure telecommunication security and availability for senior government and security authorities
 - growing cyber-threat
- Changes in the telecom-operator business in Finland
 - traditional high dependency on multinational telecom operators
- Based on the Security Strategy for Society
 - critical information and communication systems must function in all security situations
 - same information systems must be available in all situations

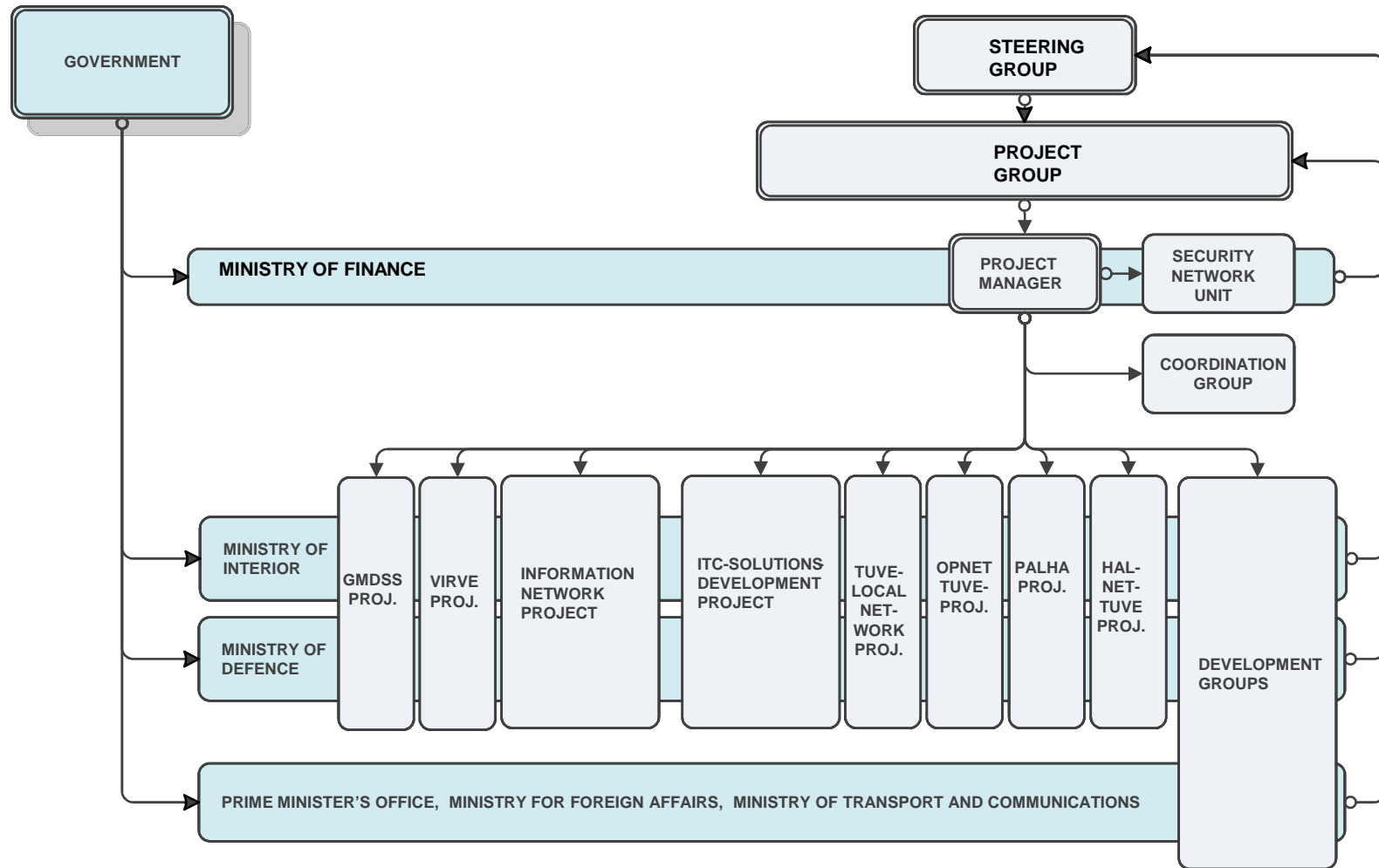
Key guidelines of the project

- Critical information is stored in Finland
- Critical systems are controlled in Finland
- Information security is ensured with efficient surveillance and encryption
- Steering factors:
 - High preparedness of the implemented solutions
 - Integrated ICT services
 - Cost efficiency and energy efficiency

Tasks of the Security Network Project

- Planning and implementing a high preparedness security network service for public authorities
 - joint effort between 5 ministries
 - Prime Minister's Office is in charge of the evaluation project
- Integration of the existing government ICT network solutions
- Development of the IT-services and the interoperability of the IT-services
- Out of the project's scope:
 - development and funding of new applications

Project Organisation



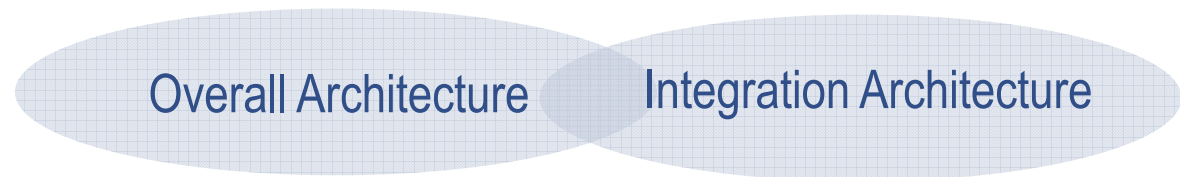
Time Schedule and Budget

- The project was established after a government plenary session on 8 April 8 2009
- Original deadline postponed by one year: finishing date is now 31 December 2012
- Total budget EUR 187 million
 - Investments necessary for improving security demands higher operating costs in different administrative branches of government
 - These costs can be partly offset by gains achieved through more efficient procedures

Project Output

- Government Security Network Solution
- Government Security Network Service Delivery Model
- Integrating the systems of the security authorities into the Government Security Network
- Secured integration of the Government Security Network into other ICT networks

- SecNet Architectures:



- SecNet Policies:



Security Network Project Benefits

- Ensuring the continuity of the activities of security authorities in all situations
- More effective interaction between different authorities
- Access by all users to a wide range of services provided by different authorities
- Better control of ICT costs

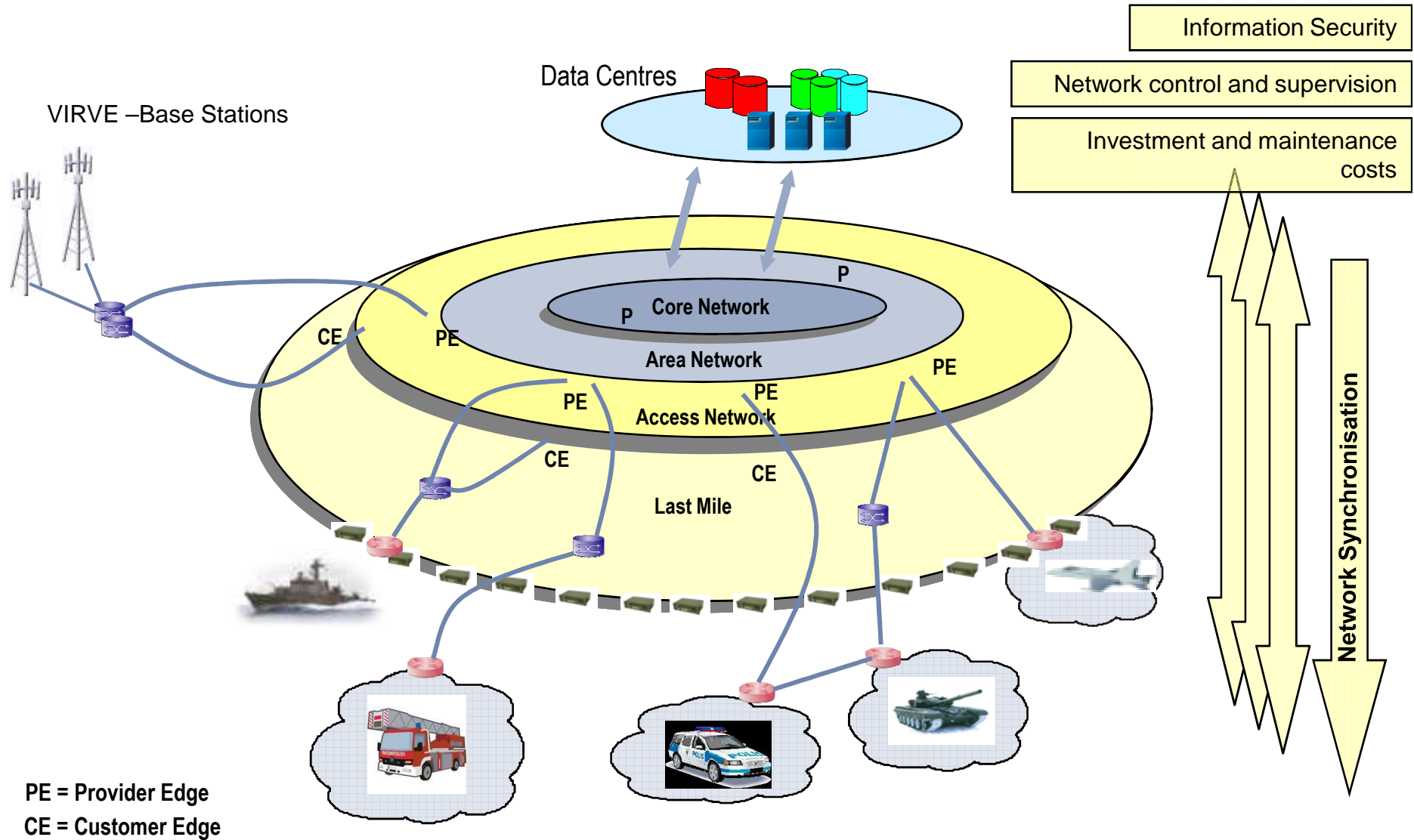
Initialization of the Security Network

- The introduction of Security Network services will begin on 1 January 2013
- The Ministry of Finance will be responsible for Security Network steering
- Suomen Turvallisuusverkko Oy will be responsible for Security Network operator activity from 1 January 2013
 - founded on 15 February 2012, a subsidiary of State Security Networks Ltd
- The transfer of Security Network's operational, maintenance and development responsibility means that the tasks of these functions and of the personnel who do them will be discontinued in the current production units (Defence Forces C4 Agency and HALTIK Internal Security ICT Agency)
 - the transfer of functions will be implemented as transfers of business

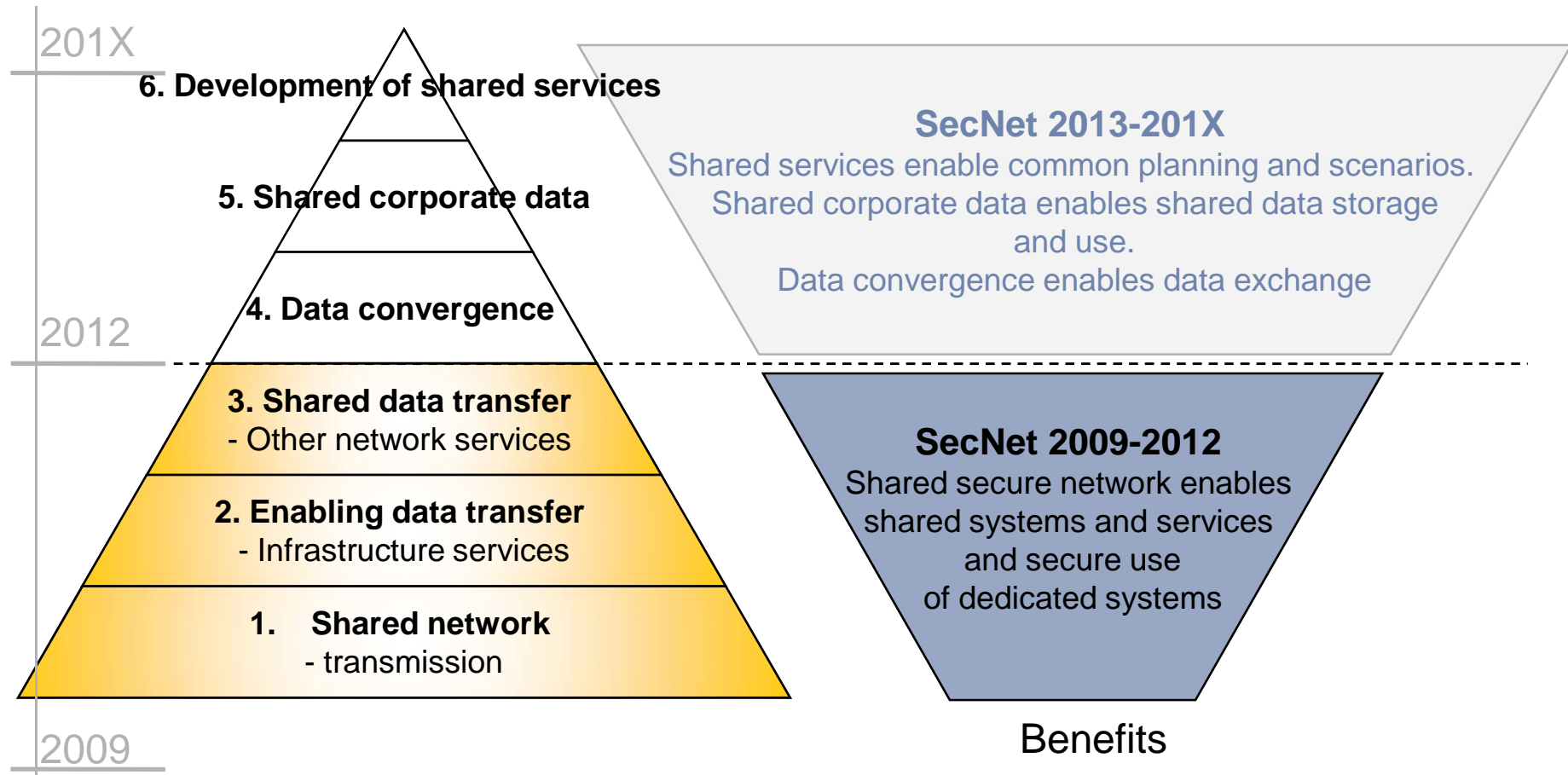
Initialization of the Security Network

- A Security Network Act is intended to come into force on 1 January 2013
 - A Government proposal for a Government Security Network Act will be given to Parliament in September 2012
- A Security Network Strategy will be prepared in spring 2012 as part of the Security Network Project
 - the strategy will specify Security Network services and funding as well as the steering of Security Network activity and transition periods
- The first security authority operating locations were integrated into the Security Network at the beginning of 2011

Telecommunications solution control



Performance Development Path



More Information

Ministry of Finance
Public Sector ICT
Mr Olli Peltonen, Project Manager
+ 385 09 16001 (switchboard)