Centre of Registers and Information Systems

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Agenda

1. Overview of the Center and its objectives
2. Main activities
   - National level
   - International level
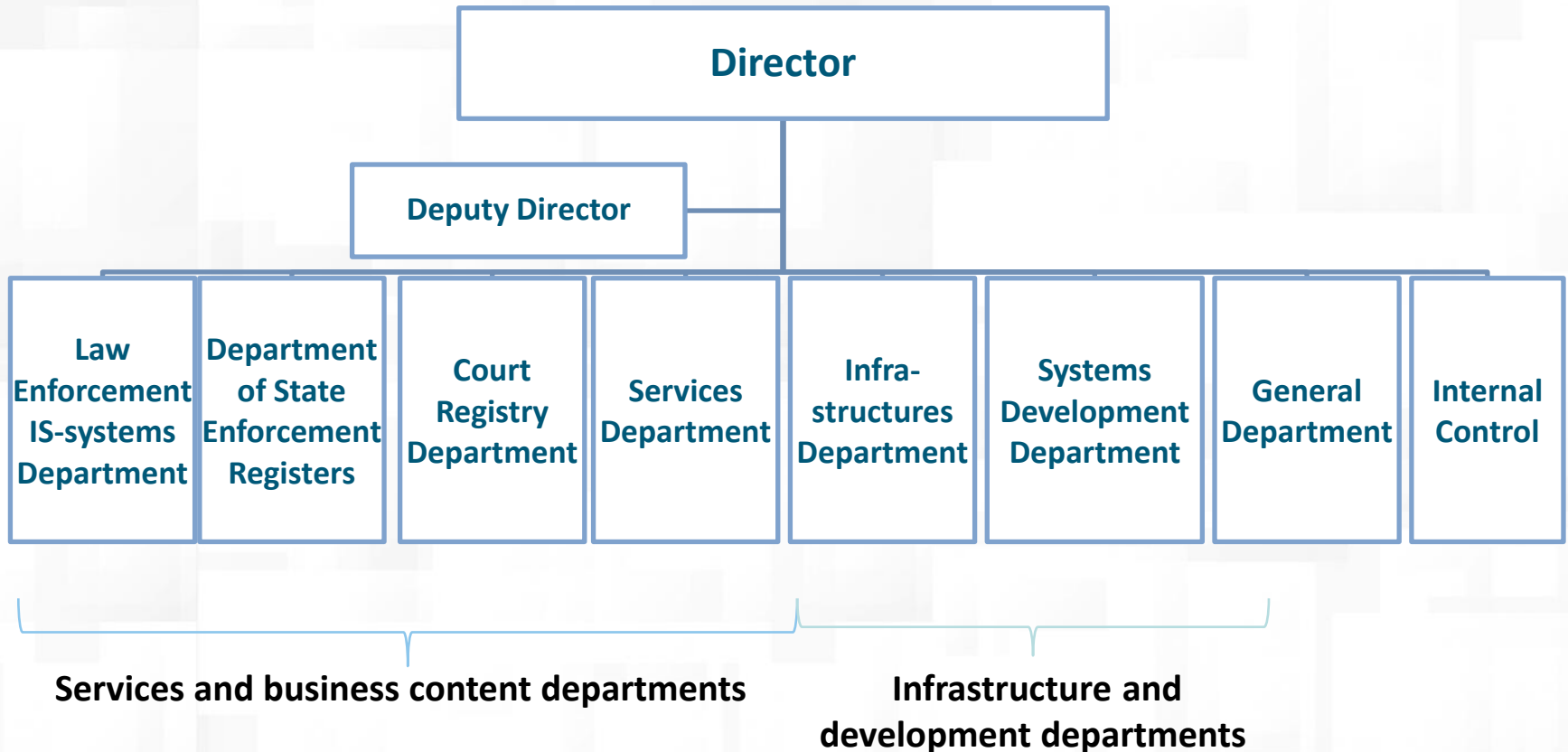3. Awards and honours
4. e-Business Register and e-File

Overview

Centre of Registers and Information Systems (RIK) and objectives

- ICT focused state agency under the Ministry of Justice

- One of the biggest state owned IT agencies in Estonia

- Around 200 professionals, over 3 000 users

- Innovative environment and integrated e-services => efficient e-government

Structure of the agency

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                          ┌─────────────────────────┐
                          │        Director         │
                          └────────────┬────────────┘
                                       │
         ┌──────────────────┐          │
         │  Deputy Director │──────────┤
         └──────────────────┘          │
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Law Enforcement IS-systems Department	Department of State Enforcement Registers	Court Registry Department	Services Department	Infra-structures Department	Systems Development Department	General Department	Internal Control

Services and business content departments   **Infrastructure and development departments**

eRIK
Registrite ja Infosüsteemide Keskus
Centre of Registers and Information Systems

Main activities

Activities of RIK

National level

- Full IT-services for:

  - Ministry of Justice

  - legal and administrative agencies under the Ministry of Justice

  - 90 geographic locations around Estonia

- Development and administration of registers and information systems and users support:

  – 70 different information systems and various registers: e.g. E-Business Register, e-Notary, e-Land Register, e-File, Public e-File, Court Information System

CENTRE OF REGISTER & INFORMATION SYSTEMS

PUBLIC SECTOR

PS PRIVATE SECTOR

E-NOTARY

E-BUSINESS REGISTER

E-LAND REGISTER

E-FILE

POPULATION REGISTER

HEALTH INSURANCE REGISTER

VEHICLE REGISTER

DOCUMENT REPOSITORY

ENERGY BANKING TELECOM ETC..

SECURITY SERVER

SECURITY SERVER

SECURITY SERVER

SECURITY SERVER

SECURITY SERVER

SECURITY SERVER

SECURITY SERVER

SECURITY SERVER

SECURITY SERVER

INTERNET X-ROAD

SECURITY SERVER

SECURITY SERVER

SECURITY SERVER

E-INSTITUTION - INSTITUTIONVIEW
E-COUNTY - COUNTYVIEW
GOVERMENTAL PORTAL - YOUR ESTONIA

CENTRAL SERVER 1

CENTRAL SERVER 2

CENTRAL MONITORING

X-ROAD CERTIFI-CATION CENTER

HELP DESK

ADMINIS-TRATIVE SYSTEM OF THE STATE INFOR-MATION SYSTEM

MINI INFOR-MATION SYSTEM PORTAL

ID CARD & MOBILE ID

KIT CITIZEN VIEW

EIT ENTERPRISE VIEW

AIT PUBLIC SERVANT VIEW

riha.eesti.ee

CC CERTIFI-CATION CENTRE

USER INTERFACES

X-ROAD CENTER

ID-card

- ID card is Police and Borderguard Board issued ID + travel document. (Max. validity 5 years)

- It is mandatory document for all EST starting of age 15

- Contains:
  - Visual personal information
  - Personal data file
  - Certificate for authentication (e-mail address)
  - Certificate for digital signature

EESTI VABARIIK
REPUBLIC OF ESTONIA

ISIKUTUNNISTUS
IDENTITY CARD

PEREKONNANIMI/SURNAME
MÄNNIK
EESNIMED/GIVEN NAMES
MARI-LIIS
SUGU/ SEX   N/F
KODAKONDSUS/ CITIZENSHIP   EST
SÜNNIAEG/ DATE OF BIRTH   20.02.1973
ISIKUKOOD/ PERSONAL CODE   47302200234
DOKUMENDI NUMBER/ DOCUMENT NUMBER   A3051479
KEHTIV KUNI/DATE OF EXPIRY   04.10.2011

OMANIKU ALLKIRI/HOLDER'S SIGNATURE

Mobile-ID

- Introduced in 2007
Enables secure
authentication and
digital signatures
via mobile phone

Activities of RIK

International level

- Cooperation form
    - Share knowledge and best-practices
    - Consultations
    - Trainings
    - Support in analysis, development and implementation phases of new systems
    - Some other form

International collaboration

- Cooperation projects:
  - Kurdistan court information system
  - Oman e-Business Register
  - Kosovo publication of court decisions
  - Kosovo Punishment Register
  - Bulgaria e-File
  - Ukraine e-Justice

Awards and honours

Awards and honours

E-Business Register
and demo

Business Registry history

- ✓ 1995 - Commercial law came into force, IT-system
- 1998 - First online search web
- 2002 - Electronic register gets legal power
- 2005 - Electronic application submission by citizens and entrepreneurs
- ✓ 2007 - Company Registration Portal
- ✓ 2008 - Cross-border eID & e-signature
- 2010 - Annual report electronic filing (XBRL)
- 2011 - Visualized Business Register
- 2012 - Renew back office process management system
- 2014 - Accounting system e-Financials for SMEs
- 1st Dec 2014 – e-Residency
- 2015 – Archive scanning

Business Registry Data Exchange

Register of Economic Activities

e-Notary

Tax & Customs Board

Company Registration Portal

Health Insurance Fund

Central Commercial Register

Other State Institutions

Estonian Central Register of Securities

Statistics Estonia

Population Register

Land Register
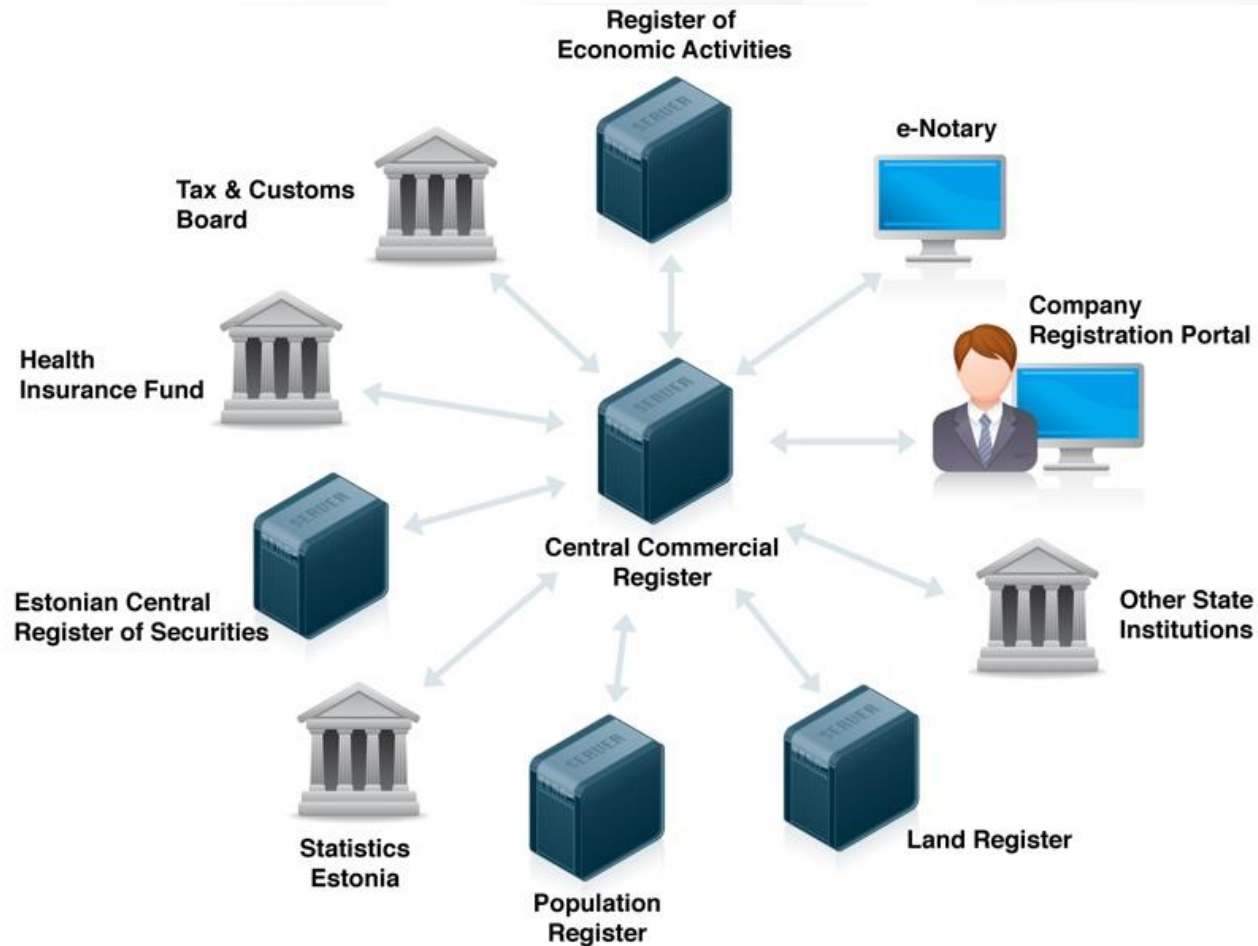
e-Business Register

Before Process time 5 days

Person → Notary → Person + Documents → Reception → Assistant Judge → Commercial Register
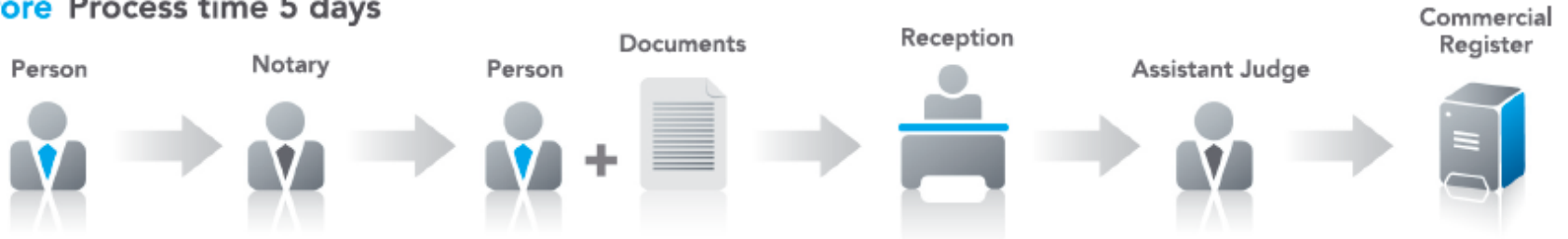
After Process time 2 hours

Home + Person + ID Card → Company Registration Portal → Commercial Register → Assistant Judge
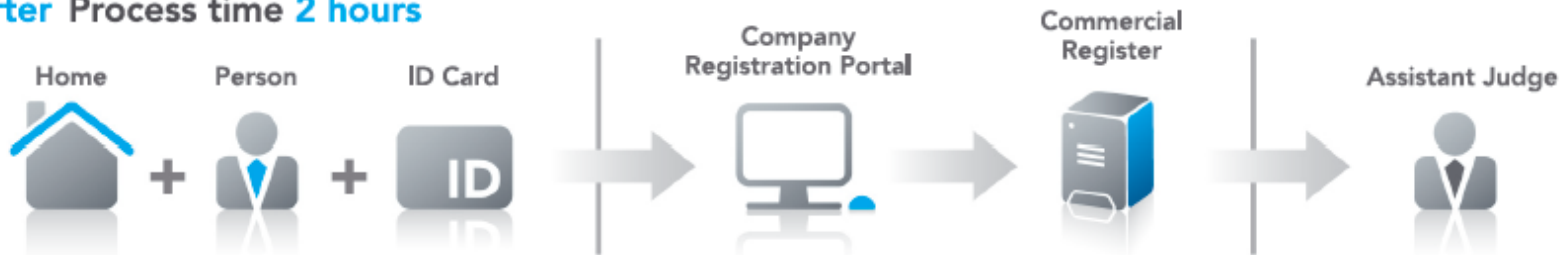
Centre of Registers and Information Systems

Company Registration Portal

In the portal:

✓ Easy step by step process to register a new company

✓ No need for notary

✓ No paperwork at all

In the portal you can:

✓ Register a new entity

✓ Change existing info in commercial register

✓ File annual reports

Electronic registration of companies

New company within 18 minutes: Electronic registering of companies
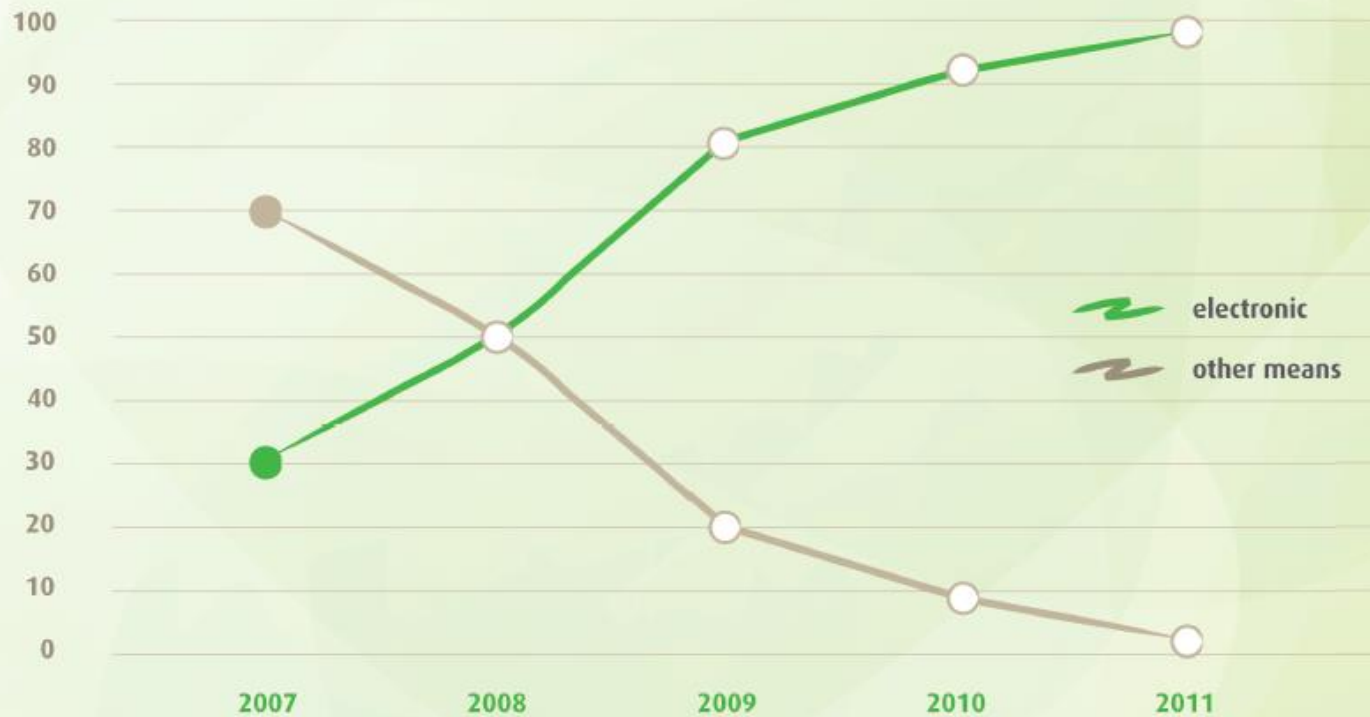
Results 2014

Company Registration

1%
9%
90%

Portal   e-Notary   Post

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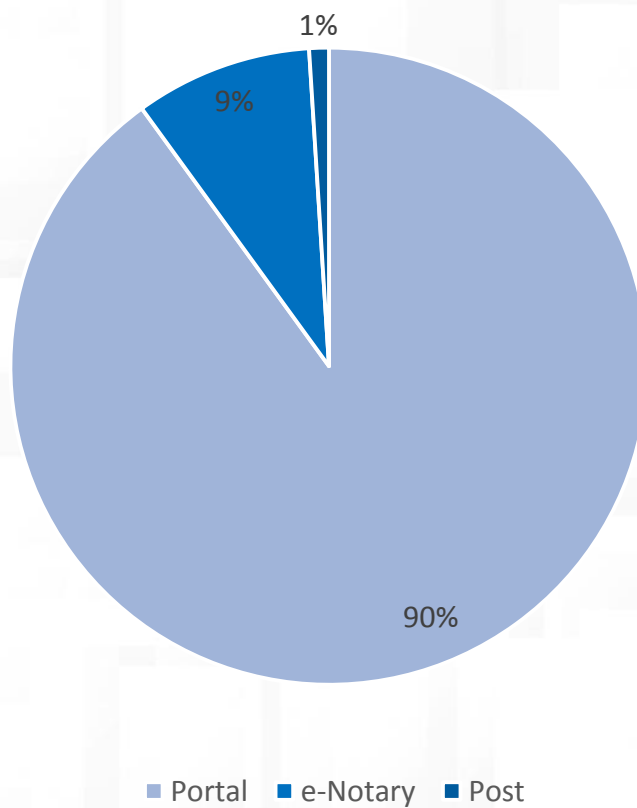
World record –
establish a company in 18 minutes

For foreign citizens

Accepted foreign IDs

Belgium ID-card   Portuguese ID-card   Finni...

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XBRL Annual Reporting

Before 3 months

Entrepreneuer → Postal Service → Scanning → Registrar → Manual Data Input → e-Business Register

Now 20 minutes

Entrepreneuer & e-Annual Reporting System → XBRL → e-Business Register

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Mobile Business Register

Benefits

- ✓ Minimal red tape
- ✓ Shortening of proceeding time
- ✓ Less mistakes, better data quality
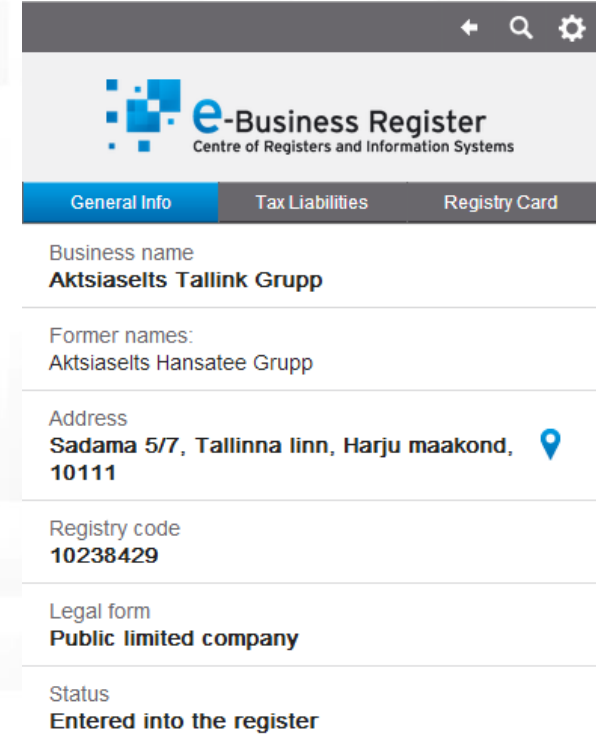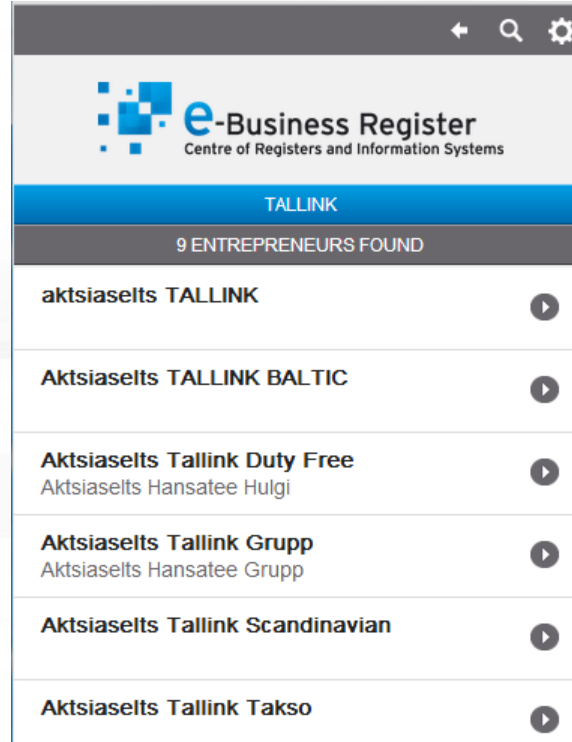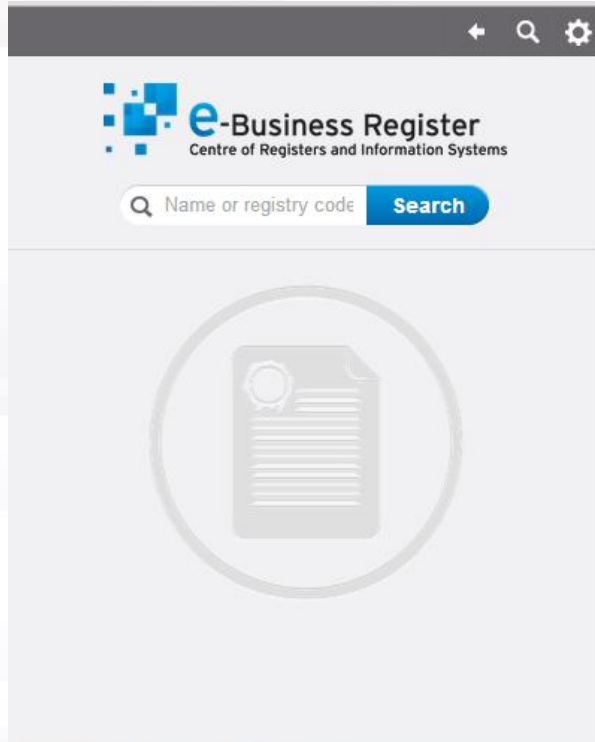- ✓ Higher quality of service for citizen, entrepreneur
- ✓ Real-time overview of sent applications
- ✓ Complete electronic archive
- ✓ Quick, easy, convenient, powerful, secure
- ✓ Less costly
- ✓ High usage rate

e-File and demo

Information flow before e-File
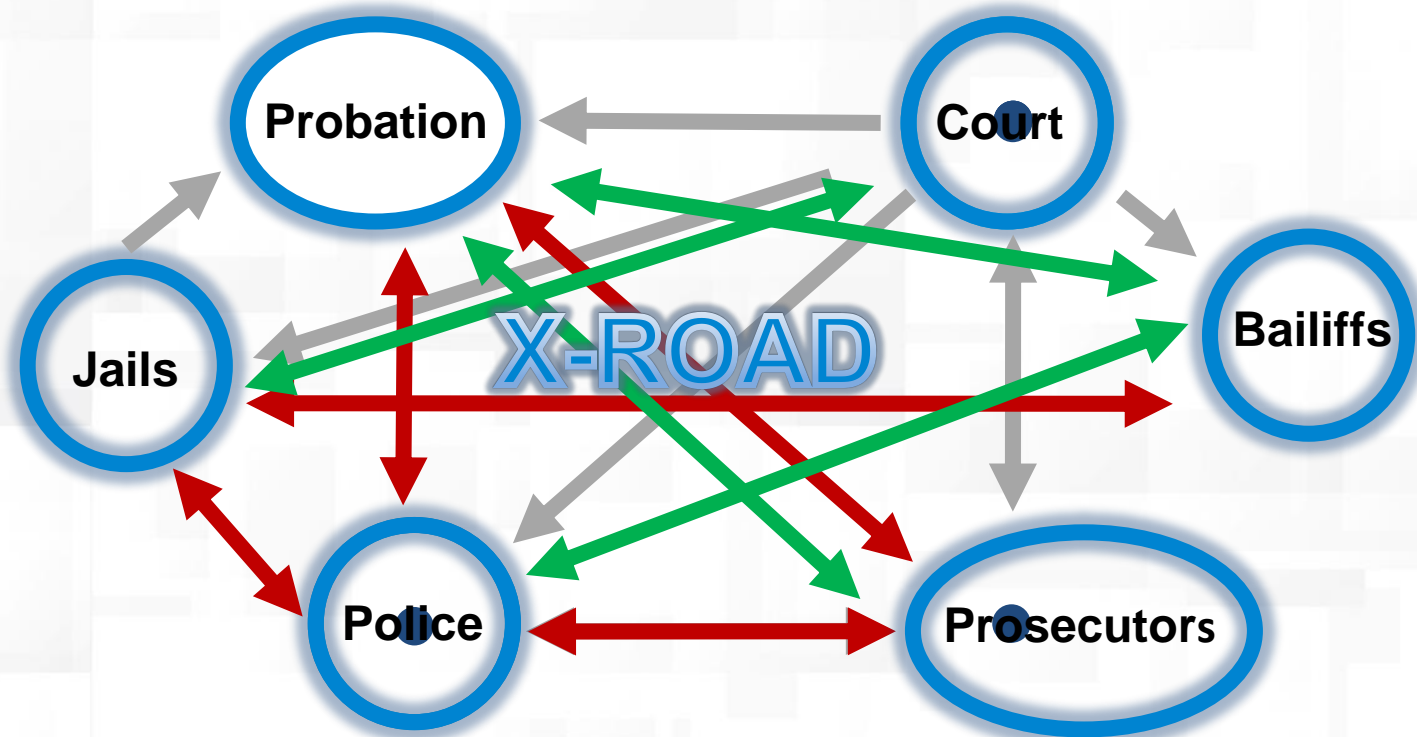
Before e-File

Problems
- No unique and immediate access to procedural data by all the parties to a proceeding
- No communication between client-systems
- Different logics for gathering data, different business rules
- Multiple data entry
- Bad data quality
- Digitalized information does not reach citizens who are an important part of proceedings

Reasons
- Lack of cooperation in the field of the information systems' development and implementation
- lack of a single and full technological overview

History of e-File

2004-2005 – Analysis of the E-File project

2005 – Beginning of the e-File project

2009 – Launch of the e-File project

Four ministries involved:
- Ministry of Economic Affairs and Communication
- Ministry of Justice
- Ministry of Internal Affairs
- Ministry of Finance

e-File

- Central information system that provides a detailed overview of different phases of criminal, civil, administrative, and misdemeanor procedures

- Allows to perform various procedural acts and provides procedural decisions to all the parties involved

- Allows to exchange information simultaneously between various parties to the proceeding

Data Transaction in e-File

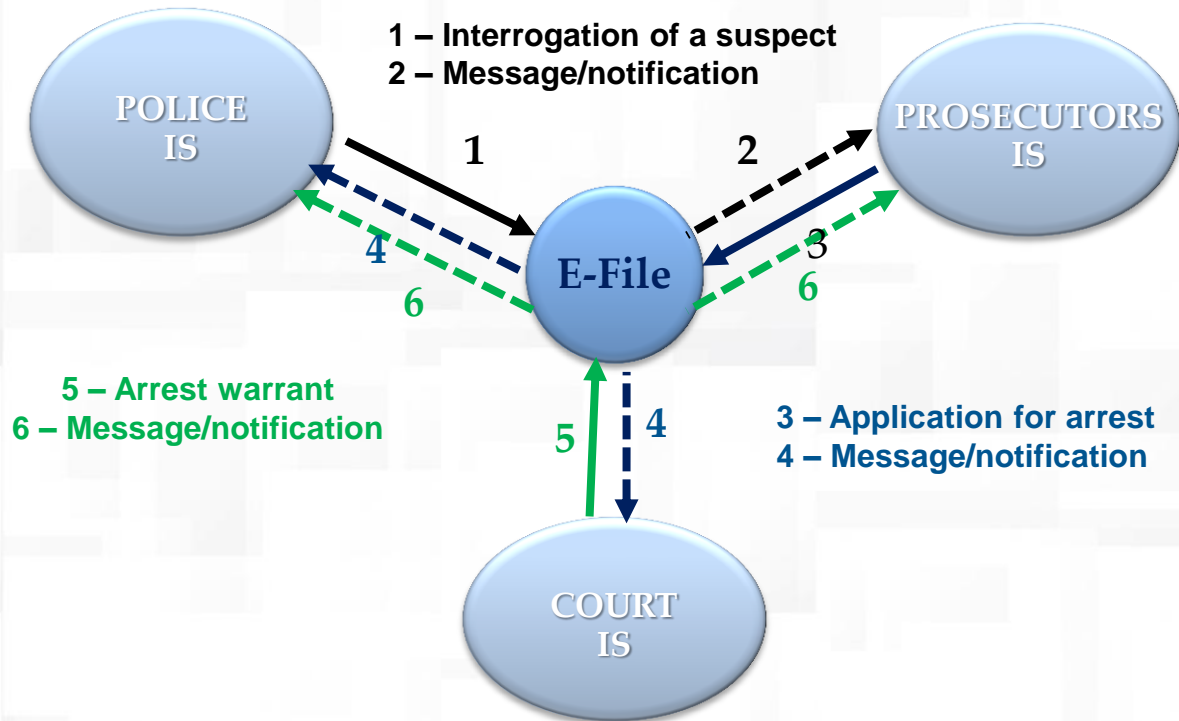# E-File Processes

POLICE IS

PROSECUTORS IS

E-File

COURT IS

1 – Interrogation of a suspect
2 – Message/notification

1   2   3   4   6   5

5 – Arrest warrant
6 – Message/notification

3 – Application for arrest
4 – Message/notification
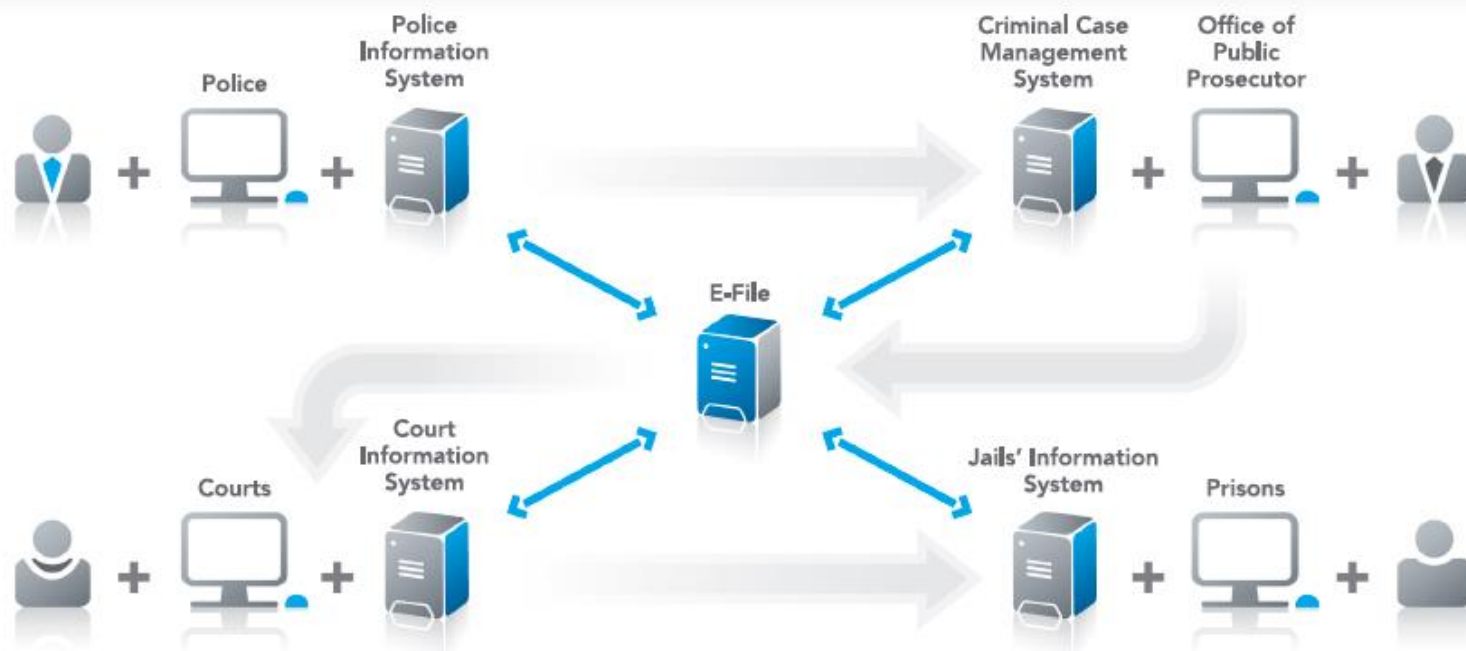
Advantages of e-File

- ✓ Harmonizes business rules
- ✓ Central storage of files and metadata
- ✓ Supports its client-systems
- ✓ Provides possibility to create and hold digital file and data in one place
- ✓ Allows general and consolidated statistics
- ✓ Provides faster and better access to data and justice

Benefits of E-File

- ✓ Saves time and money
- ✓ Improved data quality
- ✓ Immediate data access
- ✓ Minimized multiple data entries
- ✓ Securer and safer than paper-system
- ✓ Citizens and their representatives take part of digital proceedings
- ✓ Data is backed up and located in different servers

Thank you for your attention!
Questions?

www.rik.ee/en/international