


The E-File project



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Development

 About Centre of Registers and Information
Systems (RIK)

 Project E-File

What is RIK?

- Centre of Registers and Information Systems (RIK) – an ICT focused state agency working under the Ministry of Justice

- Provision of complete ICT services for:
 - Ministry of Justice
 - Administrative domain of the Ministry

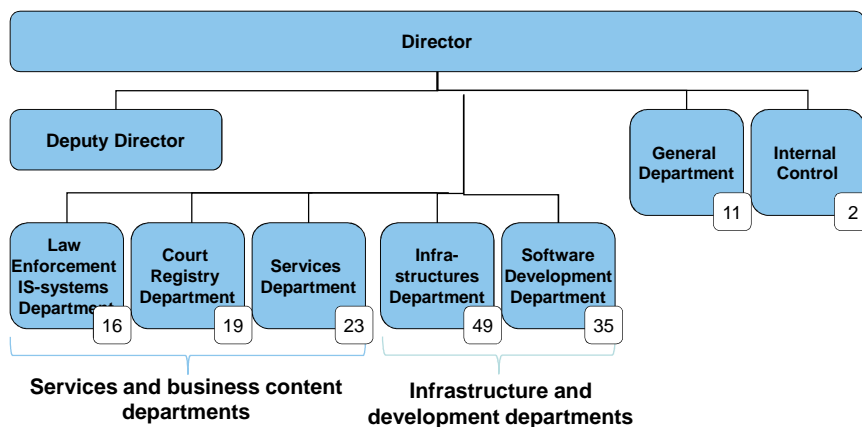
- Formed 1.1.2006:
 - Centre of Registers of Ministry of Justice
 - ICT Service Centre of Ministry of Justice

Scope of RIK

- Public registers and IT systems:
 - Development and administration
 - Provision of public register services







- Development and administration of IT systems and computer / network infrastructure for the Ministry of Justice and its administrative area:
 - ca 3300 end-users in virtual private network
 - ca 90 geographical locations all over Estonia
 - 48 different information systems to support

Organizational Structure



ca. 160 professionals working in our team

Information systems / Projects

-  Commercial Register
-  Land Register
-  Official Announcements
-  Court information system
-  Prosecutor's infosystem
-  e-File
-  e-Notary
-  Cross-Border digital signature
-  etc.



The E-File project

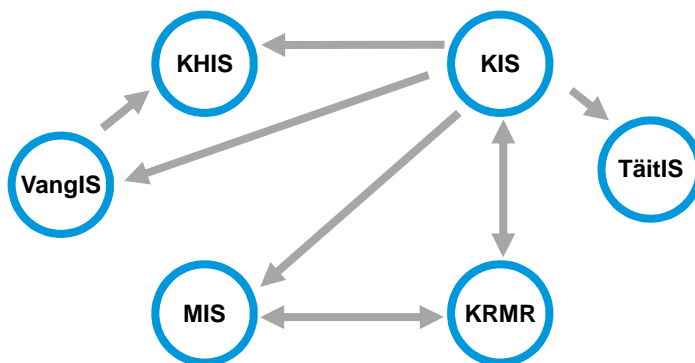


IS's of legal protection

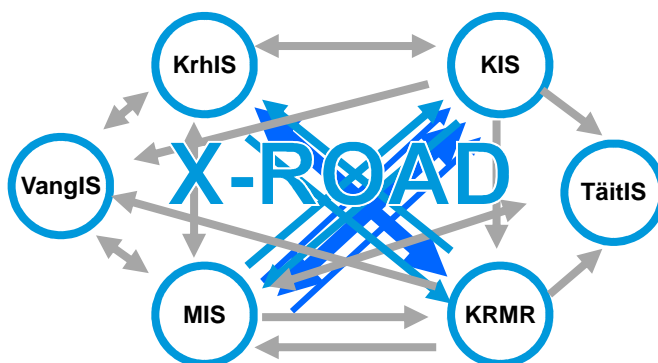
- MIS- Police Information System
- KRMR - Criminal Case Management Register - IS for prosecutors office and small investigation institutions
- KIS - IS of Court Cases
- TÄITIS - Bailiffs' IS
- VANGIS - Jails' IS
- KRHIS - Probation IS
- KaRR - Punishment register, IS of penalties and fees
- AET - Public Portal of E-File

and other interested organizations with their IS's
(e.g. Population Register)

How the information flows



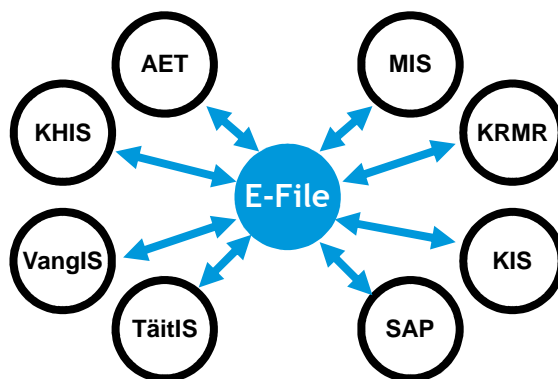
Need for interfaces between IS's



Main problems in the area

- Different logics for gathering data, different business rules
- Inability to force parties to forward information in correct form
- Multiple data entry
- Non-existent area-covering statistics
- Keeping the citizen and his representative (attorney) away from digital information

E-File

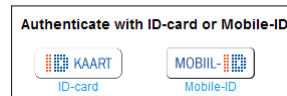


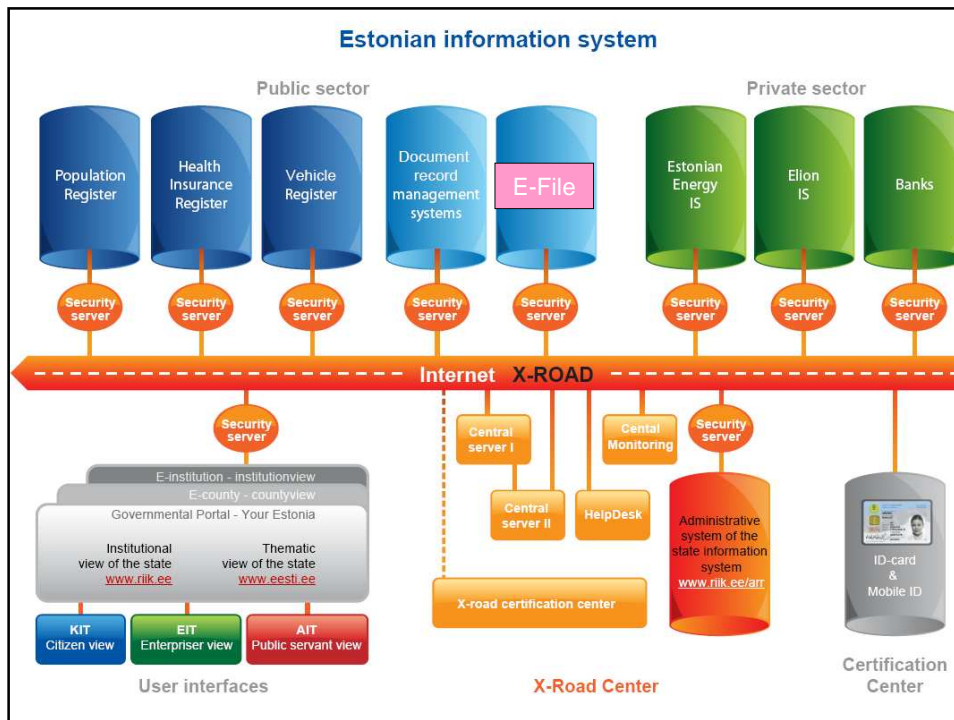
E-File

- E-File is harmonized business logic that gives regulations how, when and what should or must be done
- E-File is a central storage for files and metadata used by more than one party (organization)
 - all that concerns one IS or organization stays in that system
- Other IS's will remain as clients to E-File
 - E-File has services for entering information to central system, for searching data, for viewing case data
- Main goal is to provide possibility to create and hold digital file of a case
- E-File allows general and consolidated statistics
- E-File allows better access to justice (AET - Public Portal of E-File)
- Based on X-Tee (X-Road)

Fundamentals of E-File: ID-card (+Mobile-ID) and X-Road

- Authentication (PIN1):
 - Citizen's portal
 - Company Registration Portal
 - ID-tickets (bus, theatre, cinema etc)
 - Internet banks
 - AET - Public Portal of E-File
 - ...
- Digital signatures (PIN2):
 - Documents
 - Internet voting (parliamentary election)
 - Online Company Registration
 - Digital copy of a deed: Notaries





What's done and connected

- E-File - Central System
- MIS - Police Information System
- KRMR - Criminal Case Management Register - IS for prosecutors office and small investigation institutions
- KIS - IS of Court Cases
- KaRR - today's Punishment Register, IS of penalties and fees
- AET - Public Portal of E-File
- Portal for Misdemeanour Procedure

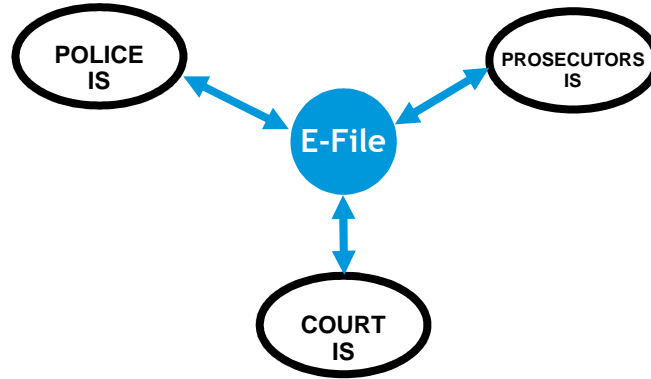
What we are working on

- Supreme Court will interface with E-File central system
- Punishment Register will be transferred to E-File central system on 2011 and will be connected with ECRIS
- Statistics based on data gathered to E-File
- Module of Financial calculations will be added to E-File

Future subprojects

- Covert investigations in criminal procedure, surveillance file
- Payments and financial accounting
- Services for interfacing enforcement registers
- Further development of Public Portal of E-File
- Fully digital File!

How the E-File works



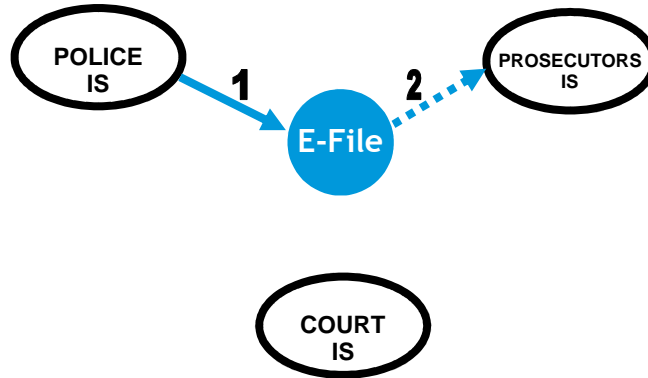
The screenshot shows the E-File web application interface in a Mozilla Firefox browser. The address bar shows the URL: <http://isp.mandator.ee:7080/meretus-web/pages/meretus/taimingForm.jsp>. The page title is "Eesti Politsei" and the user is logged in as "Anny Lätt".

The interface is divided into several sections:

- Töistaud:** A sidebar menu on the left containing a tree view of the case file. The selected item is "KRA 2435.08.01095", which includes sub-items like "Määrused (0)", "Protokollid (0)", "LO_Ma (EdL)", "Toimepannsjad (1)", "Muid isikuid/asutused (1)", "Objektid (0)", "Sisukord", "Menetluskulud", and "Nõuded ja Sanktsioonid".
- Menetluse otsing:** A search section below the sidebar.
- Triikivaade:** A main content area with a tabbed interface. The active tab is "Andmevaade". It displays a summary of the case file, including:
 - Koostamise kuupäev ja koht:** 08.10.2008, 35peva linn, 35peva mi.
 - Koostaja ametinimetus ja nimi:** PA \ Põhja PP politseinspektor Anny Lätt
 - Kriminaalasia number:** 2435,08,01095
 - Kuriteo kvalifikatsioon:** KarS § 199 lg. 2 p. 2
 - Kahtlustatav(ad):** Toomas Temm
- Edasilükkamatutel juhtudel läbiotsimise määrus:** A section for the search order, with a sub-section "Kõnealuse struktuuruse arvestamine" and "Põhja Politseiprefektuur".

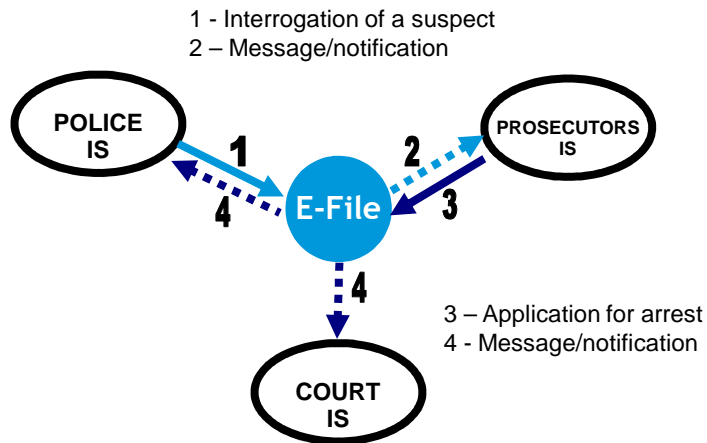
How the E-File works

- 1 - Interrogation of a suspect
- 2 - Message/notification



Välj	Toiming	Kuupäev	Ametnik	Isik	Seisund	Staat
1	Labiotsimismäärus...	08.10.2008	Anny Anny Lätt	Toomas Tamn	Kinnitatud	Jõustunud

How the E-File works



kohtuinfosüsteem - Windows Internet Explorer

http://arendusis.just.arendus-99/ISWEB_etomik/DesktopSolution/Default/index.aspx

anny ltt, kantselari juhataja, Harju Maakohus Livalaia kohtunaja

Kohtuasi nr. 1-08-9963

Kriminaalkohtumenetlus: 1-08-9963, 9.10.2008. menetuses Kriminaalaja number: 08730004818

Kantselari: I asme menetlus, 9.10.2008, kirjalik menetlus Menetaja: Orvi Tali, HMK Livalaia

Menetlus: Asja vorm: Eeluurimiskohtuniku asjad Taotlus: Prokuror - Advokaadibüroo läbiviimise taotlus

Muuda üldandmeid

Üldandmed | Osalised | Menetaja | Menetlusgrupp | **Asjakirjed** | Istungid | Sündmused

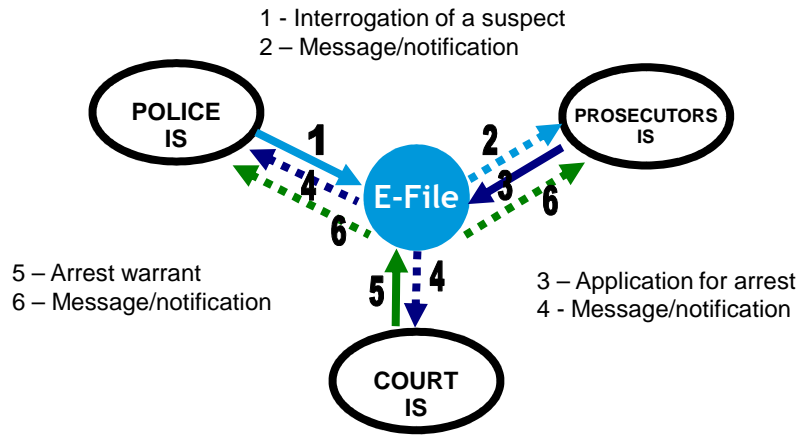
Menetlus: -

Dokumendid: Kõik dokumendid | Dokumendi liik: -

Vali	Kuupäev	NR	S/A	Fail	Lik	Kommentaar	Koostaja	Staat	Kohtunaja
<input checked="" type="checkbox"/>	09.10.08	01	5	tesSas	Advokaadibüroo...		Anny Lätt	Kinnitatud 09.10.08 12:36	Harju Maakohus Kentselari kohtun...
<input type="checkbox"/>	09.10.08	02		maarus	Määrus		Orvi Tali	Jõustumise ootel	Harju Maakohus Livalaia kohtunaja

Vali tegevus: Kohtudokumendi registreerimine | Edasi

How the E-File works



Thank You!