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Social- and heathcare ICT in Finland during and after the reform

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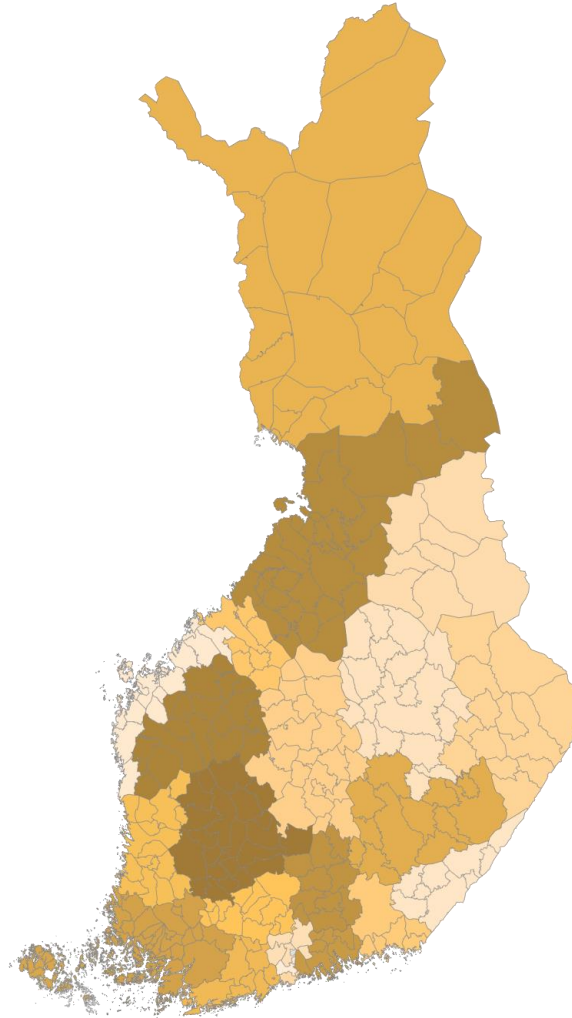
Where we started and where we are now?

Before:

Basic level healthcare organized by municipalities (also in joint)

Socialcare organized by municipalities

Specialist care organized by hospital districts

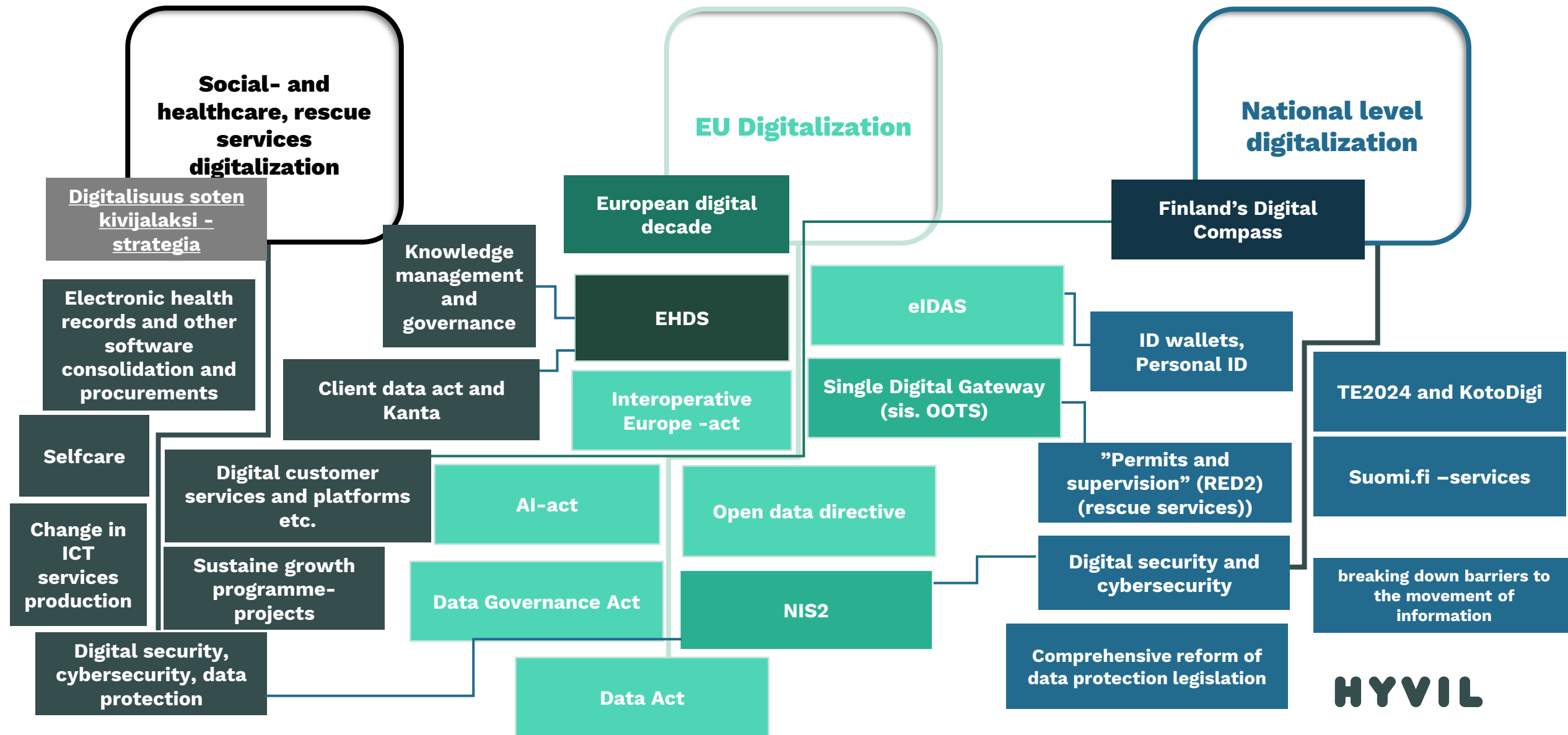Rescue Services organized by municipalities in joint

After:

All organized by wellbeing services counties + Helsinki

Including "Uusimaa solution":

4 wellbeing services counties + Helsinki AND HUS-yhtymä

Palvelun tarjoaa Bing
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What is happening atm in the big picture

Social- and healthcare, rescue services digitalization

Digitalisuus soten kivijalaksi -strategia

Electronic health records and other software consolidation and procurements

Selfcare

Change in ICT services production

Knowledge management and governance

Client data act and Kanta

Digital customer services and platforms etc.

Sustaine growth programme-projects

Digital security, cybersecurity, data protection

EU Digitalization

European digital decade

EHDS

Interoperative Europe -act

AI-act

Data Governance Act

Open data directive

NIS2

Data Act

eIDAS

Single Digital Gateway (sis. OOTS)

National level digitalization

Finland's Digital Compass

ID wallets, Personal ID

TE2024 and KotoDigi

Suomi.fi –services

"Permits and supervision" (RED2) (rescue services))

Digital security and cybersecurity

breaking down barriers to the movement of information

Comprehensive reform of data protection legislation

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Wellbeing services counties and digitalization

- Procuring new wellbeing services county wide electronic health records and socialcare records
  - different timelines, because the situations are different
  - Change in services

- Organising/procuring financial and human resources ICT (as services) for the whole county

- Kanta is growing: also socialcare needs to join

- Counties are procuring, developing and integrating digitalized social- and heathcare services
  - Telemedicine via videoservices, chat, phone etc.
  - Self-care paths (omaolo.fi, terveyskylä.fi) with or without a professional
  - Mobile services
  - Mobile apps and customer platforms

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Kanta – an innovation that covers the whole of Finland

Data from social and health services available across regional and organisational boundaries

You can browse your own data securely in **MyKanta** 24/7, wherever you are.

Up-to-date data supports **the work of professionals in health and social services and pharmacies**.

An international pioneer in the development of data management and digitalisation in health and social services.

The use of data from Kanta Services in **research and knowledge-based management** benefits the whole society.

Kanta

Client and patient data in the Kanta Services (2023)

USED NATIONWIDE

PUBLIC HEALTH CARE
100%

PUBLIC SOCIAL WELFARE CURRENTLY
95%
100% in 2024

PHARMACIES
100%

MEDICAL RECORDS
3,7 billion
documents for 6.7 million people

SOCIAL WELFARE CLIENT DATA
97 million
documents for 1.6 million people

E-PRESCRIPTIONS
29,8 million
more than 2 million per month

10 x
Data mobility between organisations has increased by a factor of 10 in seven years.

DATA RETRIEVED FROM OTHER ORGANISATIONS
5 million
times per month

Information available in Kanta

Patient Data Repository	Client data archive for social welfare services	Prescription service	MyKanta

Patient Data Repository

- Care records in patient documents, e.g..
  - patient records
  - examination data (e.g. laboratory, imaging)
  - medical certificates and reports
- Consents, refusals, declarations of intent
- Summaries of key health data (e.g. risk data, diagnoses)

Client data archive for social welfare services

Basic client data
- Client documents, e.g.
  - client records
  - decisions and reports in social welfare
  - assessments of service need and client plans

- Consents, refusals, declarations of intent

Prescription service

- Prescription dispensing data from pharmacies
- Prescription renewal requests
- Prescription corrections and invalidations
- Dispensing reservations for prescriptions in pharmacies
- Dispensing of prescriptions issued overseas

MyKanta

- Health data and prescriptions
- Organ donation testament and living will
- Consents and refusals
- Log data of sharing of health data
- Acting on behalf of another person
- Information entered in the wellbeing data by the client

Kanta PHR	Archive of imaging data	Pharmaceutical database

Kanta PHR

- Measurement data
- Preliminary data notified by the citizen
- Queries and responses

Archive of imaging data

- ECG and imaging studies

Pharmaceutical database

- Basic data of preparations
- Generic substitution data
- Prices
- Substitutability data

Kanta

Examples of digitalization

- MyKanta personal health records (soon also socialcare)

- Päijät-Häme home care, 1/3 customers are using digital services. 30% of customers have automatic dispencers. Videorelated telemedicine is also widely used.
https://www.paijatha.fi/joka-kolmas-kotihoidon-asiakas-kayttaa-digitaalisia-palveluja/

- Maisa app is used as part of services in HUS-yhtymä, Helsinki, Vantaa and Kerava wellbeing services counties and community of Kauniainen as part of LUVN.

- Oma Häme -app is a resently lounched platform for Kanta-Häme wellbeing services county.

- Omaolo.fi and terveyskyla.fi are selfcare services provided by DigiFinland and HUS-yhtymä and used as part of services in multiple wellbeing services counties.

- Suomi.fi e-Authorizations, assisted authorisation in wellbeing services counties help for enabling new customer groups to access digital services

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Big questions in future (at least these)

AI and how to use it
for example customer services, customer guidance and enabling professionals to consentrate time to patients…

The future of electronic health records and procurement? How, partners, county-level or collaborative areas (YTA), architecture…

How to organize ICT when more is needed but less money to spend? cost-effectiveness in everything. Long timelined visions, short timelined visions

European Health Data Space and it's influence? Primary and secondary levels both will need changes in current ICT

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