Kanta Kanta services User groups **Healthcare service providers Prescription centre** Pharmaceutical database Primary care organizations **Hospital districts** Prescriptions Dispensations Medicinal products details Prices Private healthcare providers Reservations Substitution rules Reimbursement rules Renewals **Providers of social services** Patient data repository **Pharmacies Health records** Archive of old patient data **Imaging infrastructure** Kanta messaging layer Kelain **Encounter data** Old health records Imaging data Web-based **Healthcare professionals** Structured health records Data prescription service lake for **National** health Data management service **Summary service eHealth Digital** Problems Vaccinations Risks **Contact Point** and Service Infrastructure **Consent data** Will expressions **Procedures Imaging studies** for eHealth social Information notices Living wills Lab results Physiological findings welfare Consents Organ donation wills Customer summary for social services Consent restrictions **National service** Receivers of medical certificates bus Data repository for social services Customer relationships Service items **Customer documents** Legacy data Citizens My Kanta pages and apps used by them Personal Health Record (PHR) Observations Questionnaire responses Other data stored by citizens Main standards HL7 V3: CDA R2 L3 and Medical Records HL7 FHIR (Kanta Personal Health Record) Other national services JSON, XHTML (PHR and social services) PDF/A (old patient data and social services) Certification **Population** Suomi.fi **HCP and SCP** National code Code systems **Terminologies** IHE IT-I Profiles (imaging and eHDSI) Pharmacy register Data structures Authentication register register service server W3C XML DSig

Professional rights

Certificates

Smart cards

Organization register

e-Authorizations

Message exchange

Demographic

data

WS Addressing, WS-I

TLS, X.509

Timeline of Finnish Healthcare ICT Standardization for Interoperability

