



Koin

National architecture for imaging

Cores symposium 5.9.2018, Tampere

Tarja Herttuainen, Kela



toq

Agenda

- National co-operation
- Imaging archive background
- Finnish requirements
- National architecture for imaging
- Current roadmap

National co-operation

- Three public sector actors
 - Ministry of Social Affairs and Health (STM)
 - part of the Finnish Government
 - laws, regulations and instructions
 - National Institute for Health and Welfare (THL)
 - functional specifications and data models
 - certification criteria and other requirements
 - The Social Insurance Institution of Finland (KELA)
 - technical design and implementation
 - maintenance and system administration



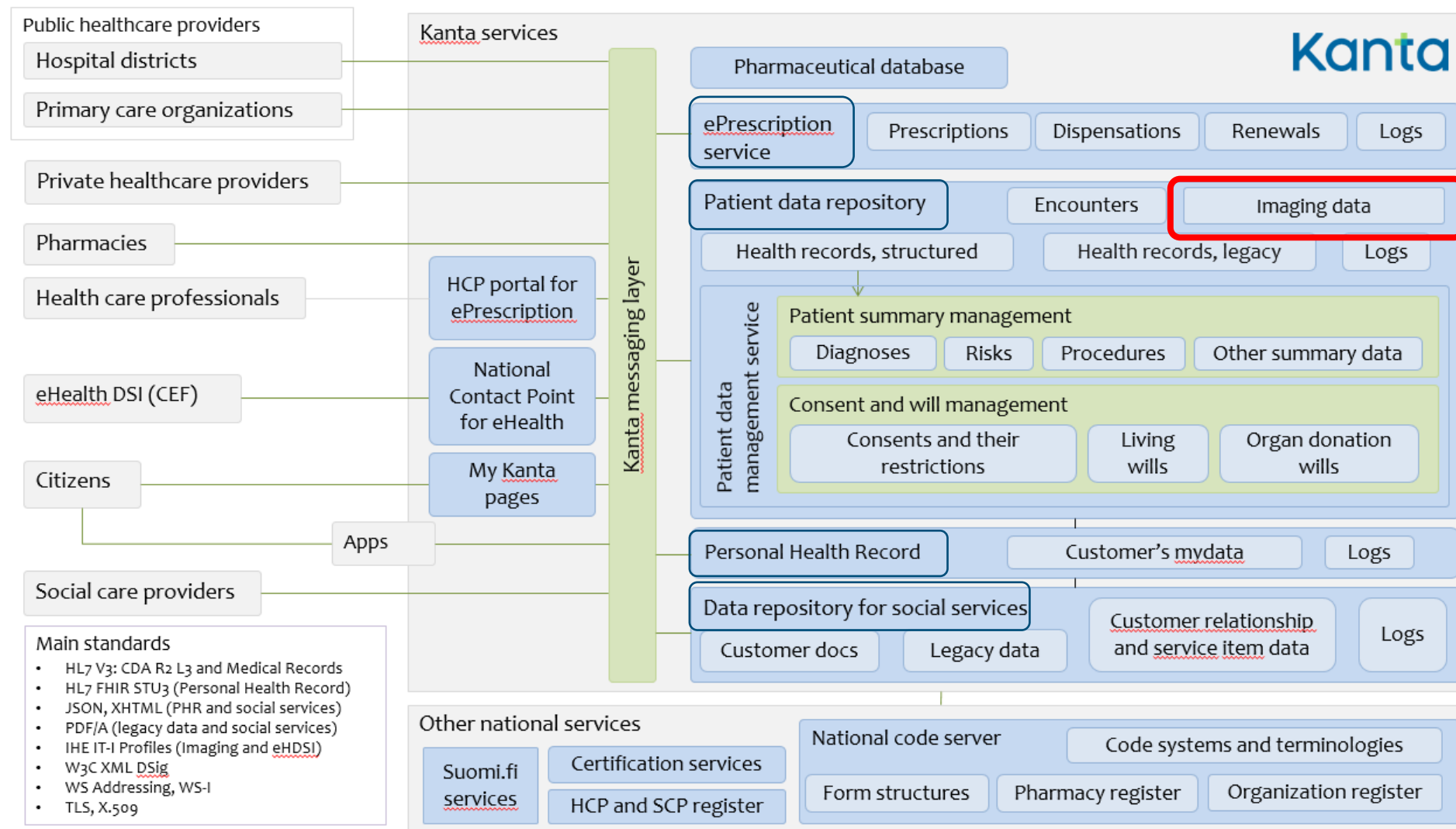
NATIONAL INSTITUTE
FOR HEALTH AND WELFARE



Background

- Development of Kanta-services started at 2007
- Imaging archive was included in the Kanta-architecture from the very beginning but faced big technological problems and was finally scoped out
- The drivers e.g. freedom of choice and cross-border healthcare directive (EU, EU citizens have the right to access healthcare in any EU country and to be reimbursed for care abroad by their home country) were key topics even then
- On November 2016 a new architecture model based on IHE XDS and IHE-XDS-I profiles was proofed and the implementation started

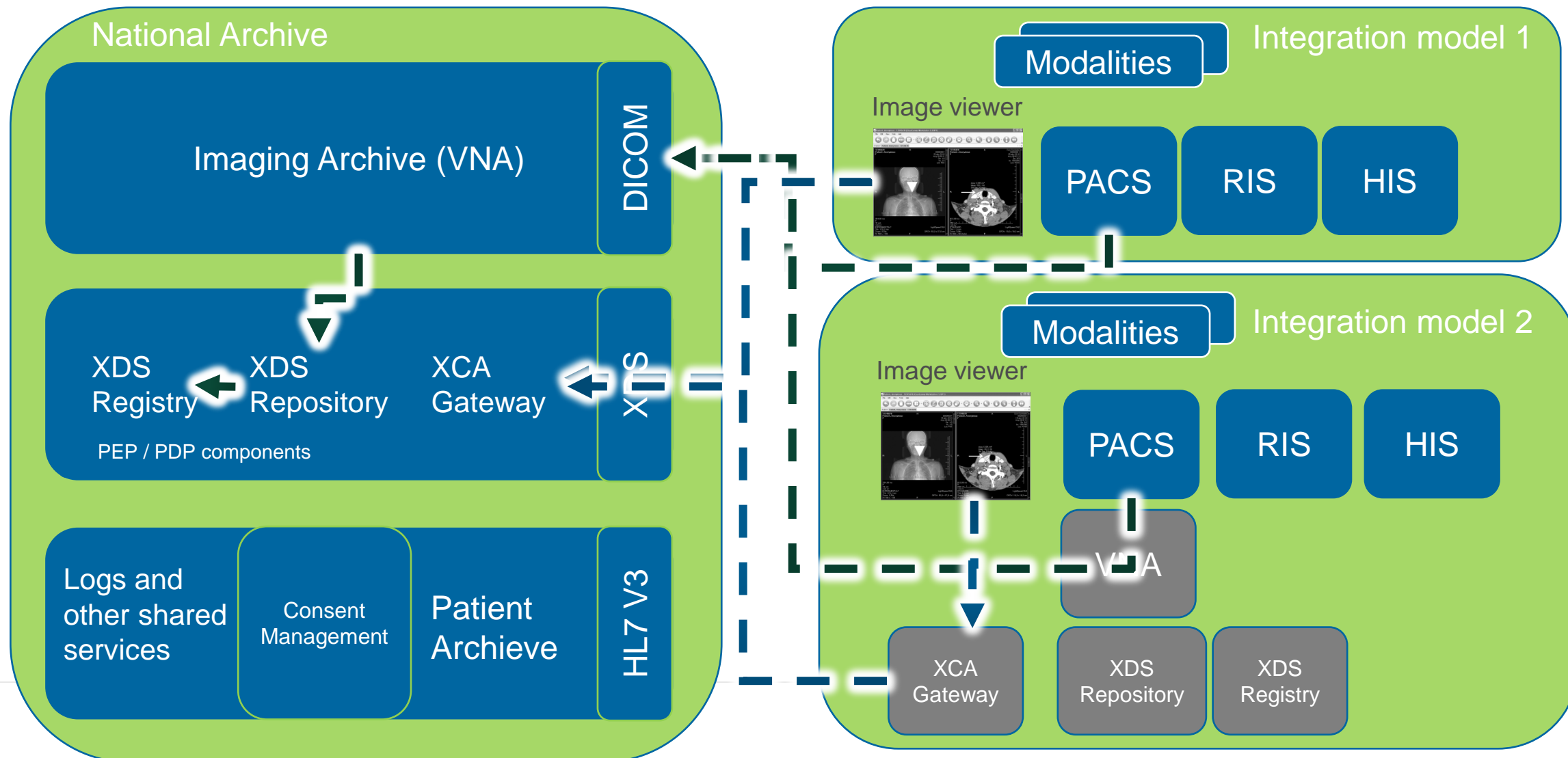
Kanta-services



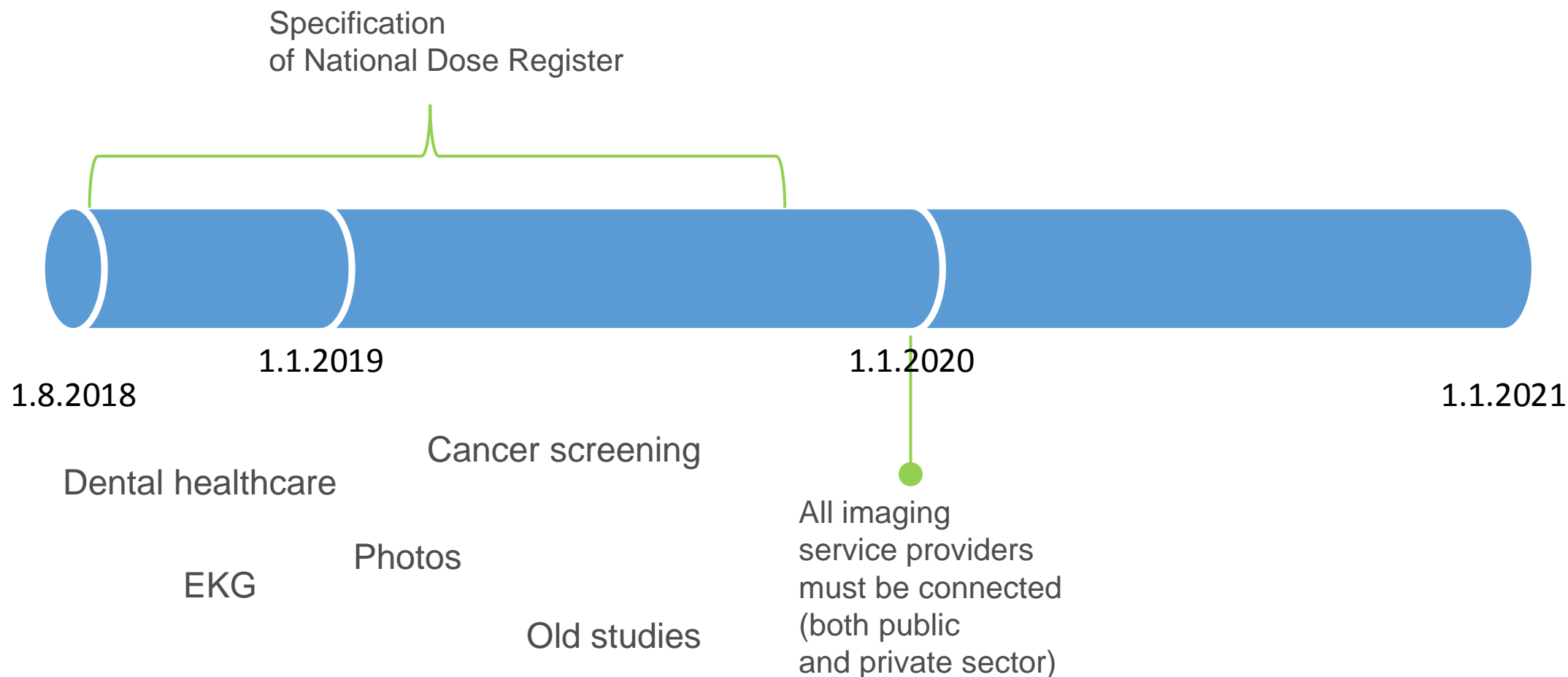
Finnish requirements

- Data Controller (owner of archival holdings, HL7/ClinicalDocument.custodian)
 - Each study is connected to a controller on metadata level
 - Only own data can be retrieved from Kanta-services without consent
- Consent management
 - Before data sharing from Kanta-services can start
 - a patient has to be informed
 - a patient has to give consent for data sharing
 - Patient can reject to share data which belongs to
 - a named healthcare organization (public sector)
 - a named registry of a named healthcare organization (public sector)
 - an identified visit

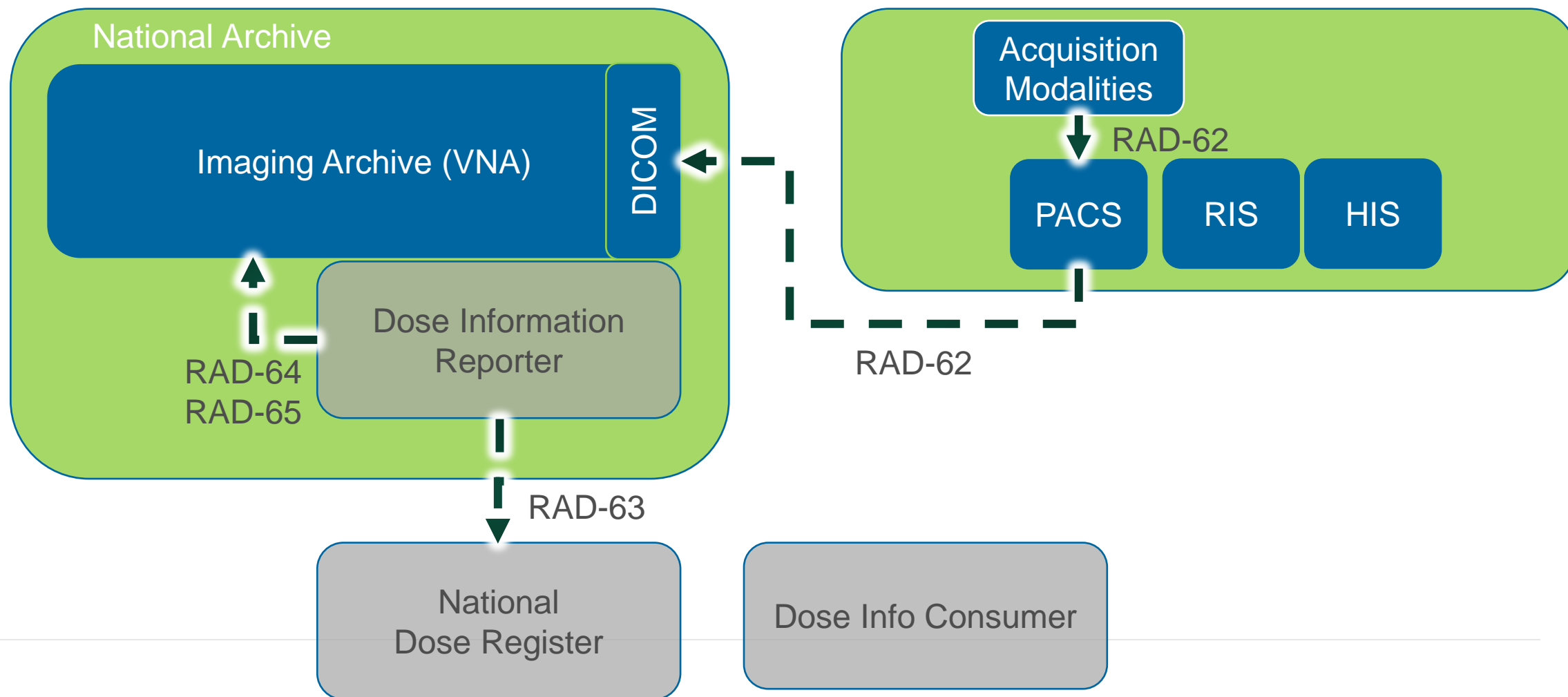
National architecture for imaging



Current roadmap



National Dose Register (draft)



Thank you

Tarja Herttuainen

Kela, Kanta-services

www.kanta.fi

tarja.herttuainen@kela.fi

 @kantapalvelut