

IHE[®] | EXPERIENCE
EUROPE | DAYS

VIENNA 2025
24-25 JUNE 



Digital Health in Austria



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Federal Ministry of Work, Social Affairs,
Health, Care and Consumer Protection

- Population: ~ **9 Mio**
- Hospitals: ~ **270**
- Medical Doctors in hospitals: ~ **22.000**
- Care personnel: ~ **83.000**
- General practitioners: ~ **13.000**
- Specialists: ~ **20.000**
- Dentists: ~ **4.600**
- Midwives: ~ **2.000**
- Pharmacies: ~ **1.400**
- Doctors in training: ~ **7.000**



Financed by Federal entity, Provinces and Social insurances

- **Released summer 2024**
 - Austrian eHealth Strategy (English language)
- **Accorded among all system partners in healthcare**
- **Declares Strategic goals, Operative goals, Measures**
 - S1: Enable digital access to the Health system
 - S2: Telemedicine prevention and treatment
 - S3: Further develop the public HIE infrastructure (e.g., ELGA)
 - S4: Provide central eHealth services and components (eID, eGov convergence, ...)
 - S5: Enhance registers for health care and control
 - S6: Strengthen secondary use of data



Health Care Reform: Priorities for 2024 to 2028

Measures:

1. Strengthening the outpatient sector
2. Structural reforms in the hospitals
- 3. Expansion of digital services ("digital before outpatient before inpatient")**
4. Health promotion and prevention
5. Vaccination programmes
6. Medication supply

Health Care Reform: Goals for 2024 to 2028

- **One of the goals: expansion of digital services**
 - all system partners need to agree
 - complex negotiations

- **Goal achieved: “Zielsteuerungsvertrag Gesundheit” (2024 - 2028)**
 - Agreement between the federal government, the federal states (“Länder”) and social insurance to implement the healthcare reform, concluded in **09/2024**
 - **Includes outcome: increased investment in Digital Health**

The Austrian Digital Health landscape



- **Austrian
eHealth
Infrastructure**
- **Regulated by law**
 - All HCPs connected
 - All Austrian citizens „in“ by default (opt-out)
 - Strong focus on preventing fraud and mis-use
- **Since 2007, now ...**
 - ... all hospitals connected
 - ... all pharmacies connected
 - ... all general practitioners connected for eMed



ELGA in general

- Identification of patient and access to demographic data
- Authentication of health service provider
- Access control and logging

ELGA app 2: e-Medication

- Sharing of medication data
- Aka „Patient's current medication list“

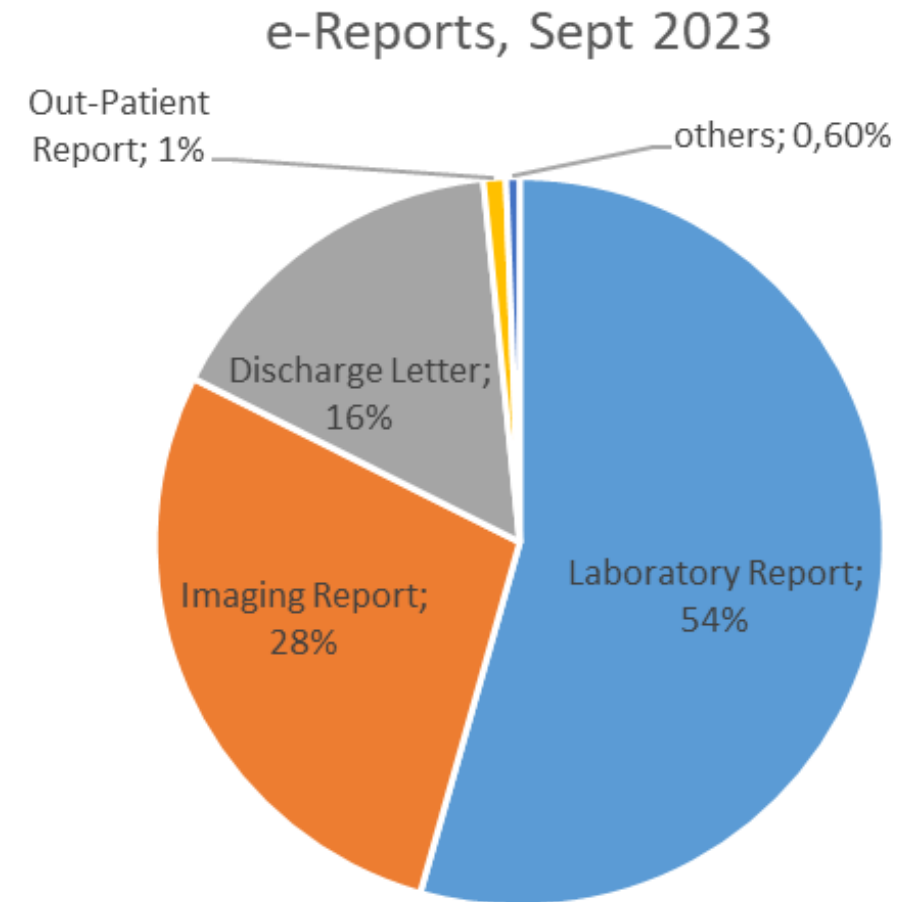
ELGA app 1: e-Reports

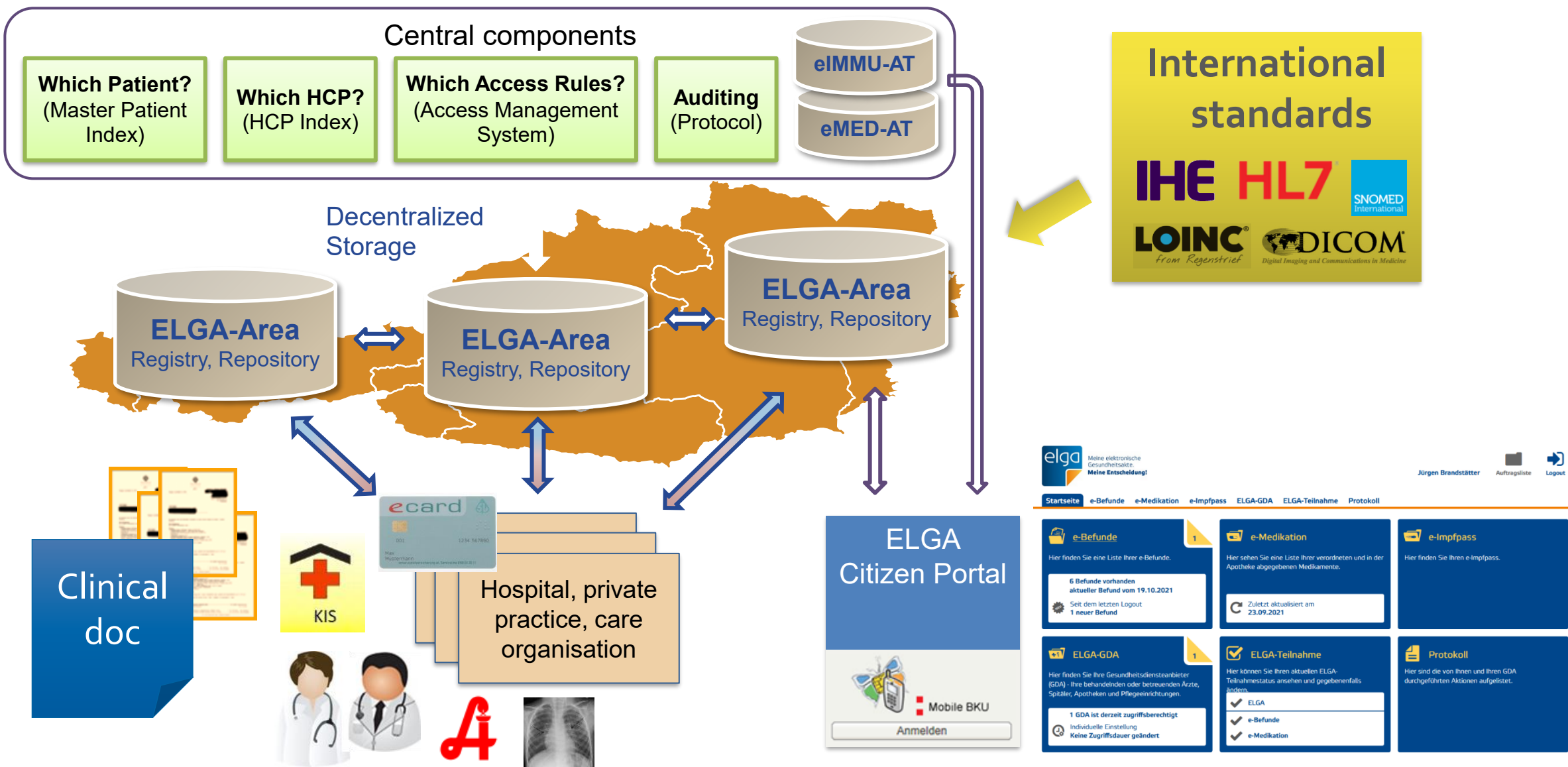
- Sharing of clinical documentation
- Discharge Summary, Laboratory Reports, Radio Reports, Outpatient Reports

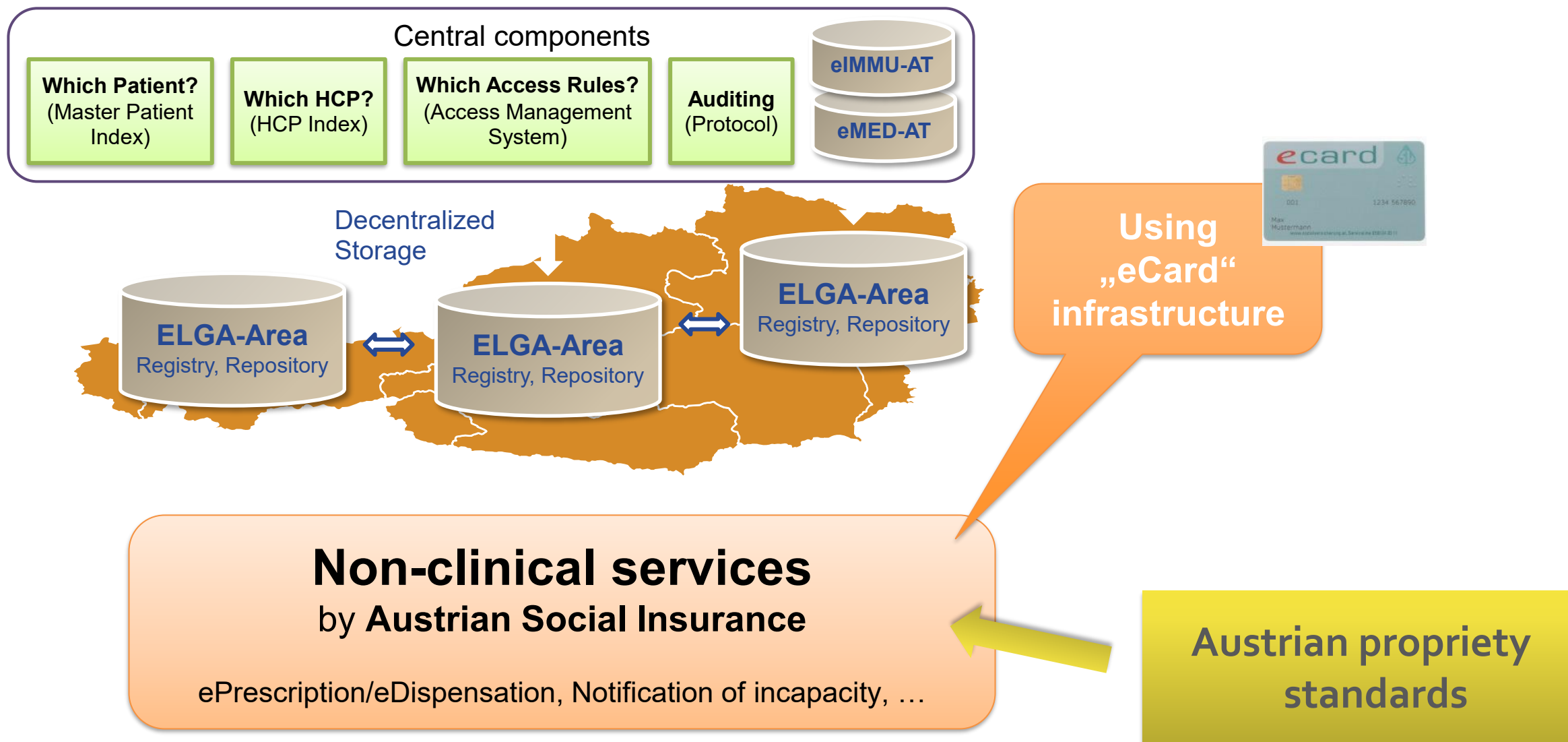
ELGA app 3: e-Immunization

- Electronic immunization pass for citizens
- Includes vaccinations and natural immunizations

- **e-Reports (since 2015)**
 - Total: > 80 million documents
 - ~1.5 M new per month
- **e-Medication (since 2018)**
 - ~9 million new prescriptions per month
- **e-Vaccination (since 2020)**
 - Total: > 28 million vaccinations (especially COVID)

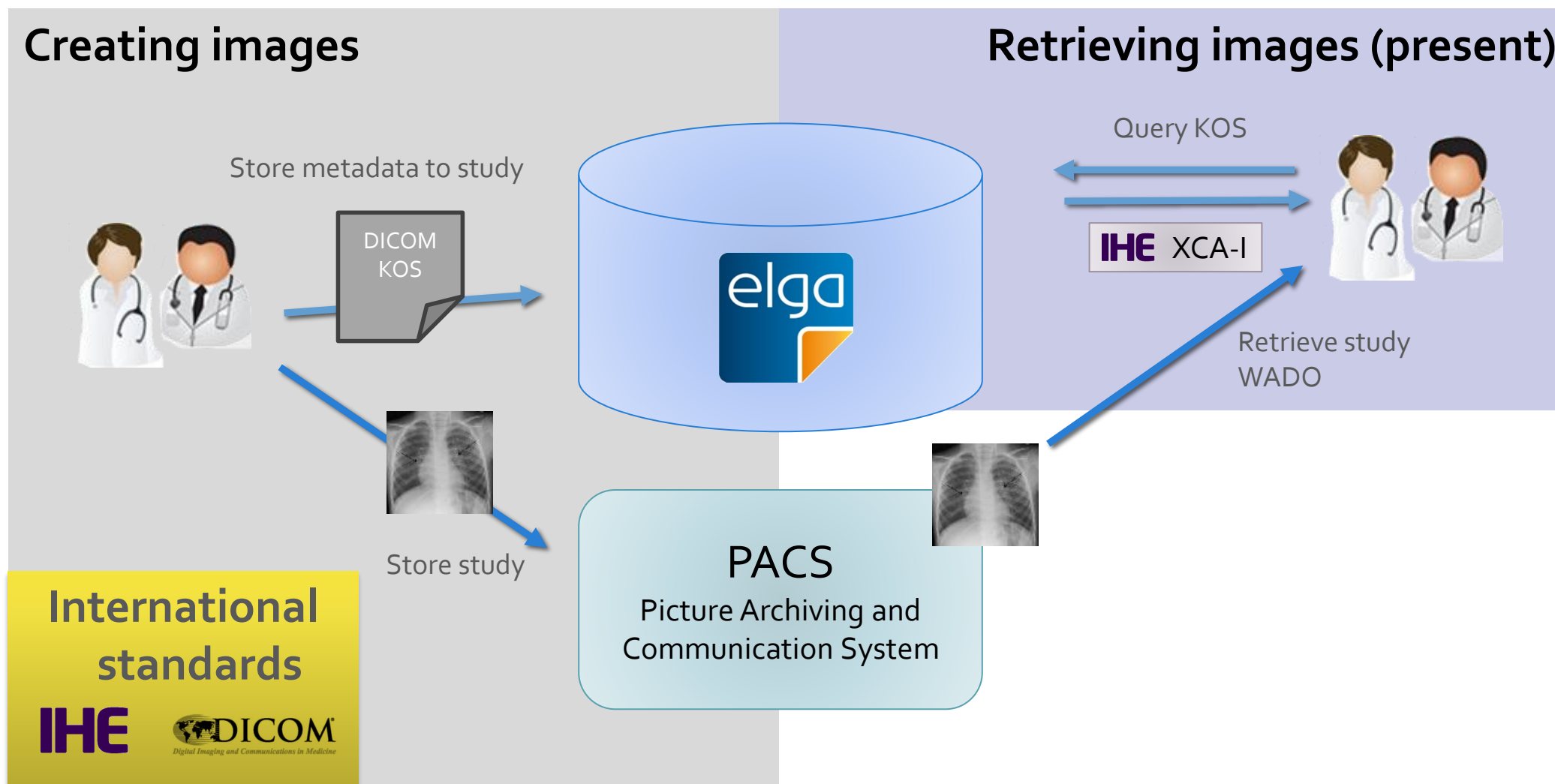


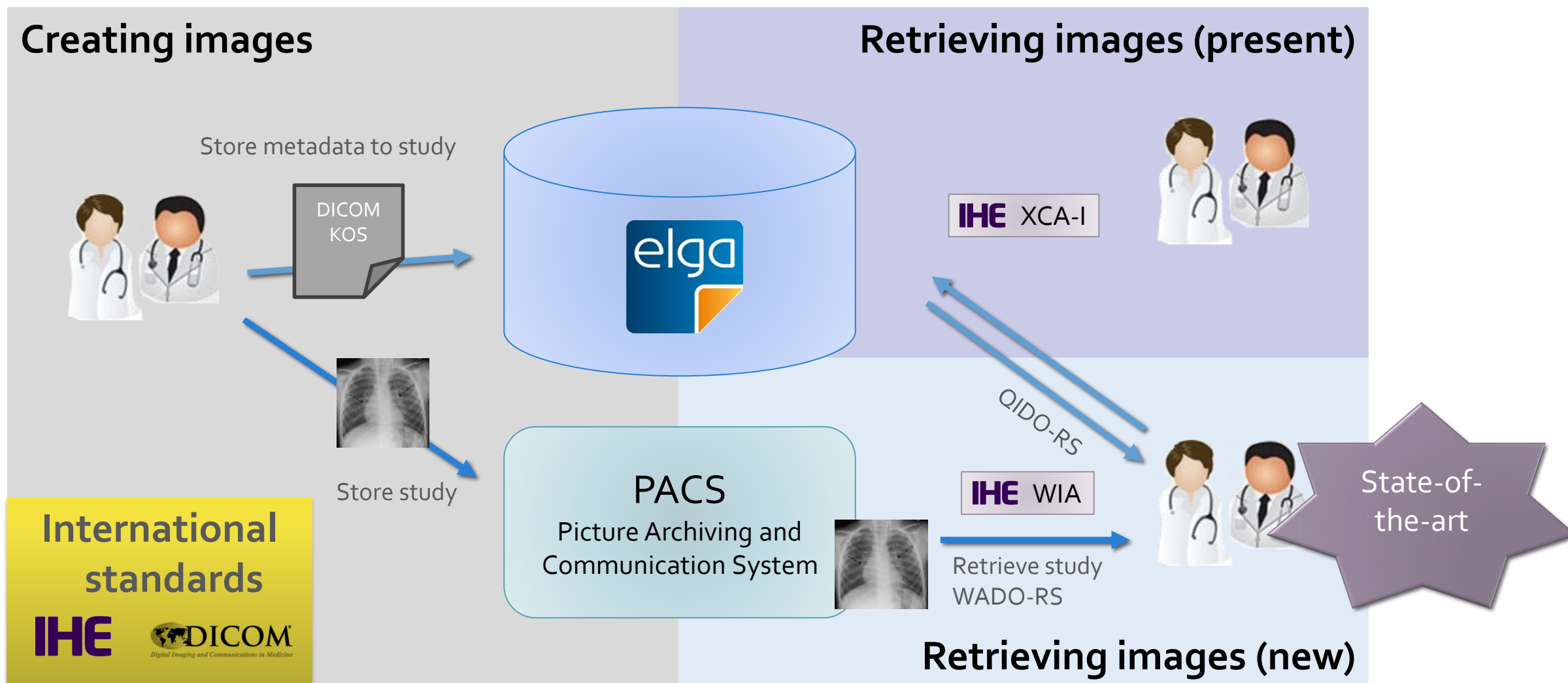




Latest developments







Creating images

Retrieving images (present)

Store



In line with developments in other EU countries
(e.g., France, ...)

... and (potentially) with EHDS specifications



International
standards

IHE

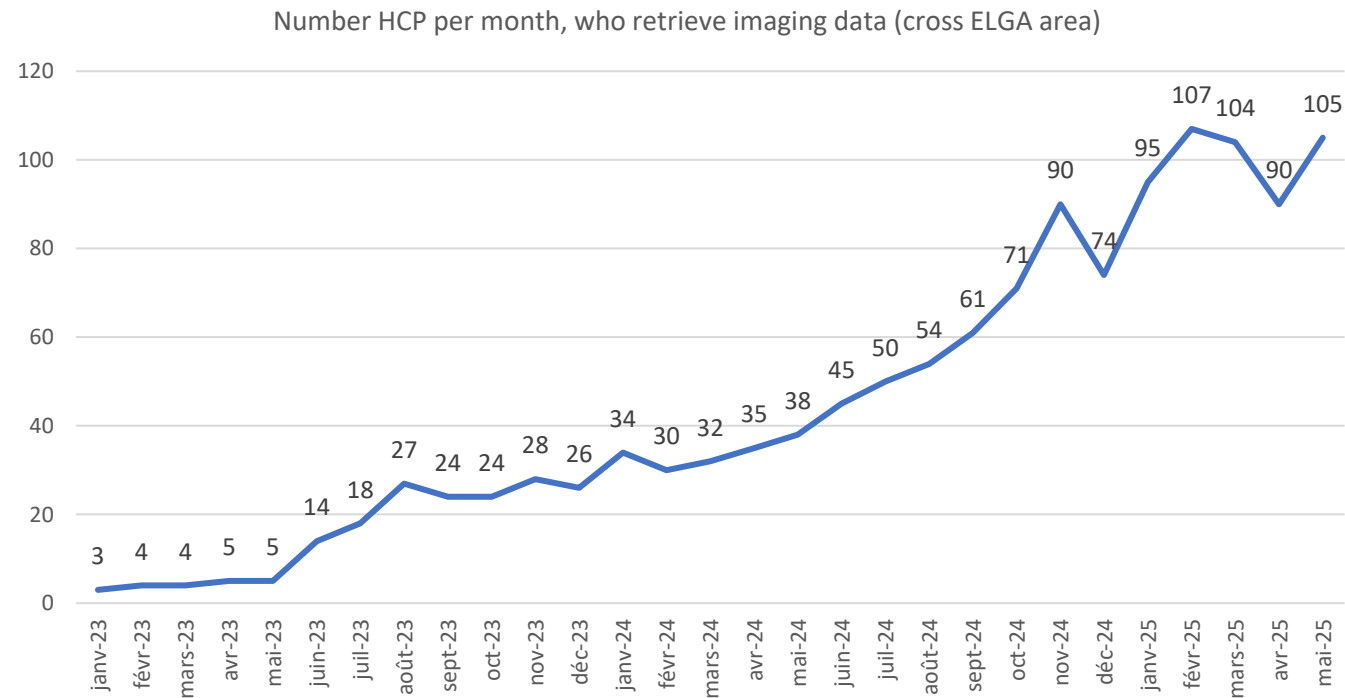
 DICOM
Digital Imaging and Communications in Medicine

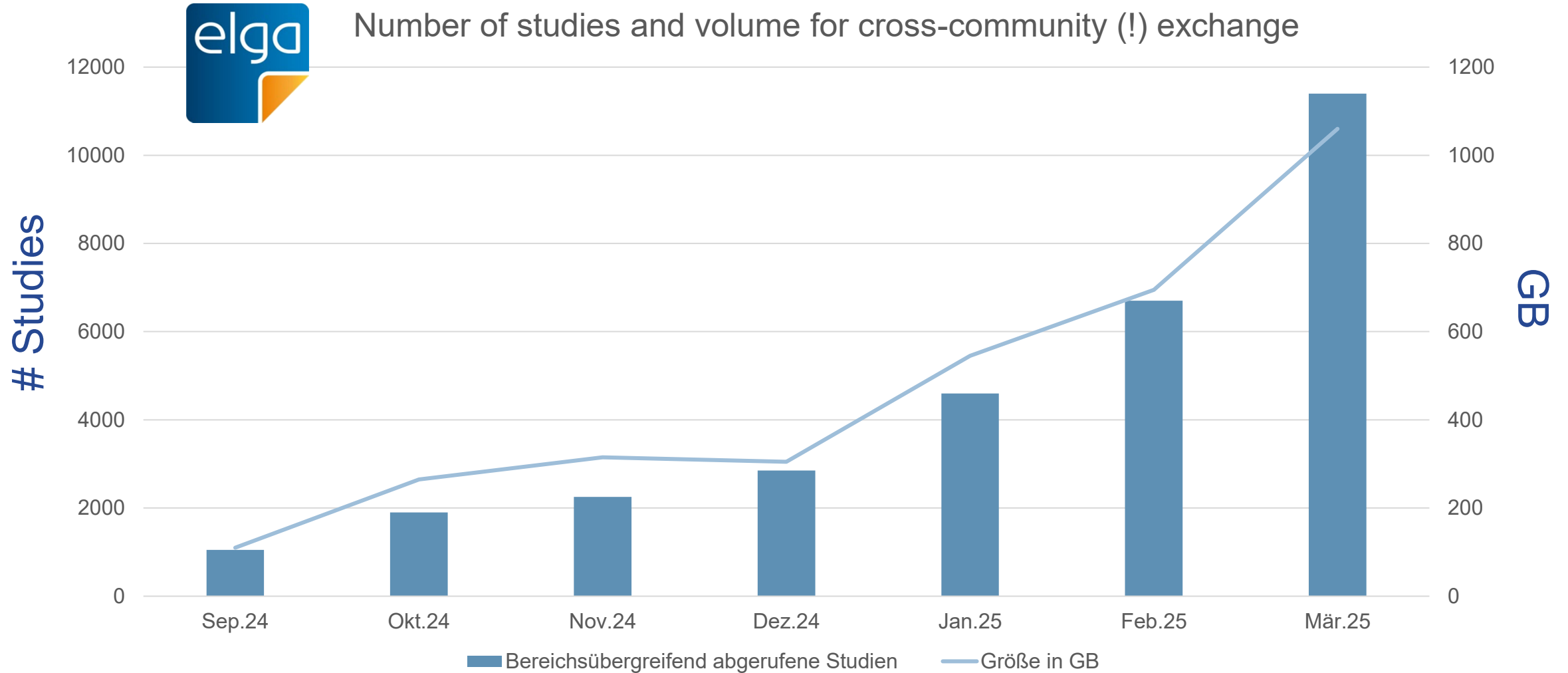
State-of-
the-art



Retrieving images (new)

- Image exchange across 8 Affinity Domains (of 13 total)
(W, Stmk, NÖ, Health-net, eGor, AURA, A1 und e-card ROZ-AGW)





Preparing for EHDS



- Higher coordination effort
- Number of meetings
- Aligning national developments with EHDS regulation
- Legal implementation into national law
- Financing
- Technical implementation
- Stakeholder engagement
- ...

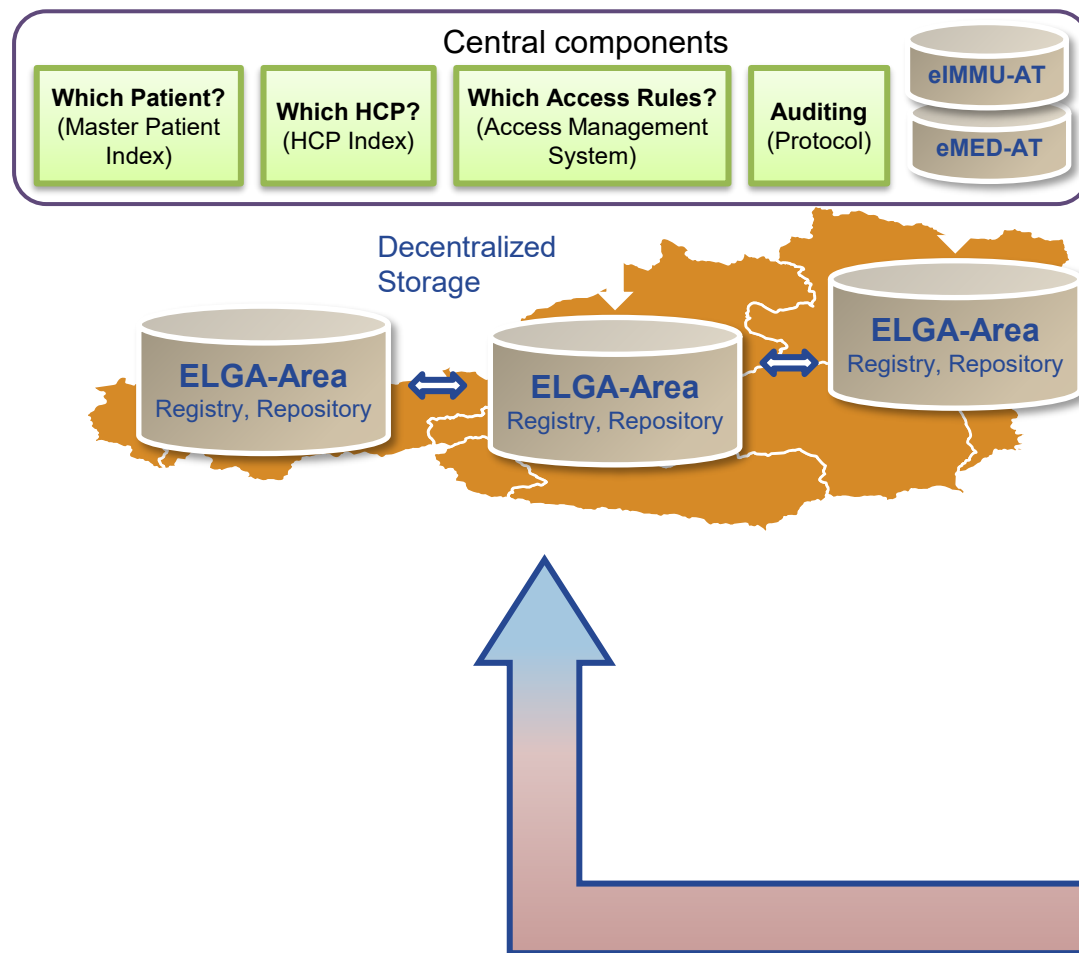
Capacity

Legal

Finance

Technical

Prepare for EHDS: European ID



Implementation of European identification eIDAS



ID Austria login

ID Austria is the further development of the mobile phone signature („Handy-Signature“) and will soon replace it.

- [Switch from mobile phone signature now](#)
- [More information on ID Austria](#)



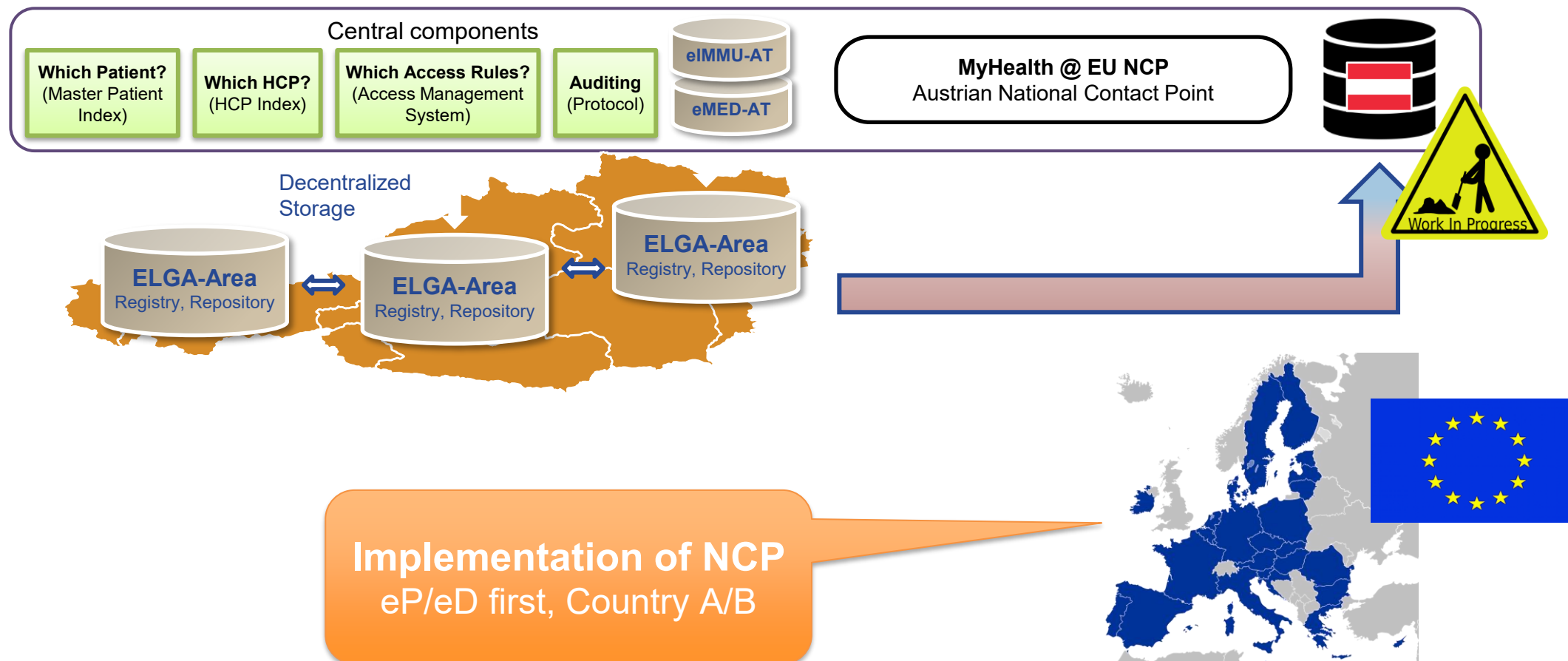
mobile phone signature login



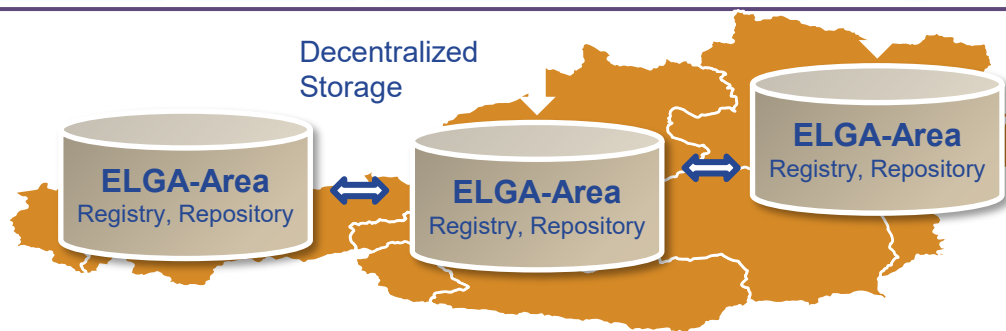
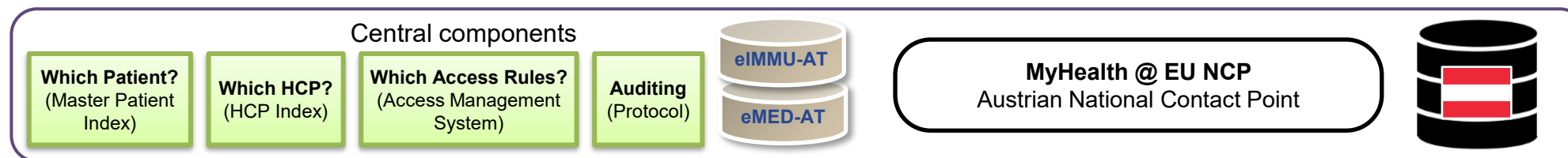
eIDAS login

eIDAS = **e**lectronic **ID**entification, **A**uthentication and trust **S**ervices

Prepare for EHDS: NCPeH



Prepare for EHDS: FHIR

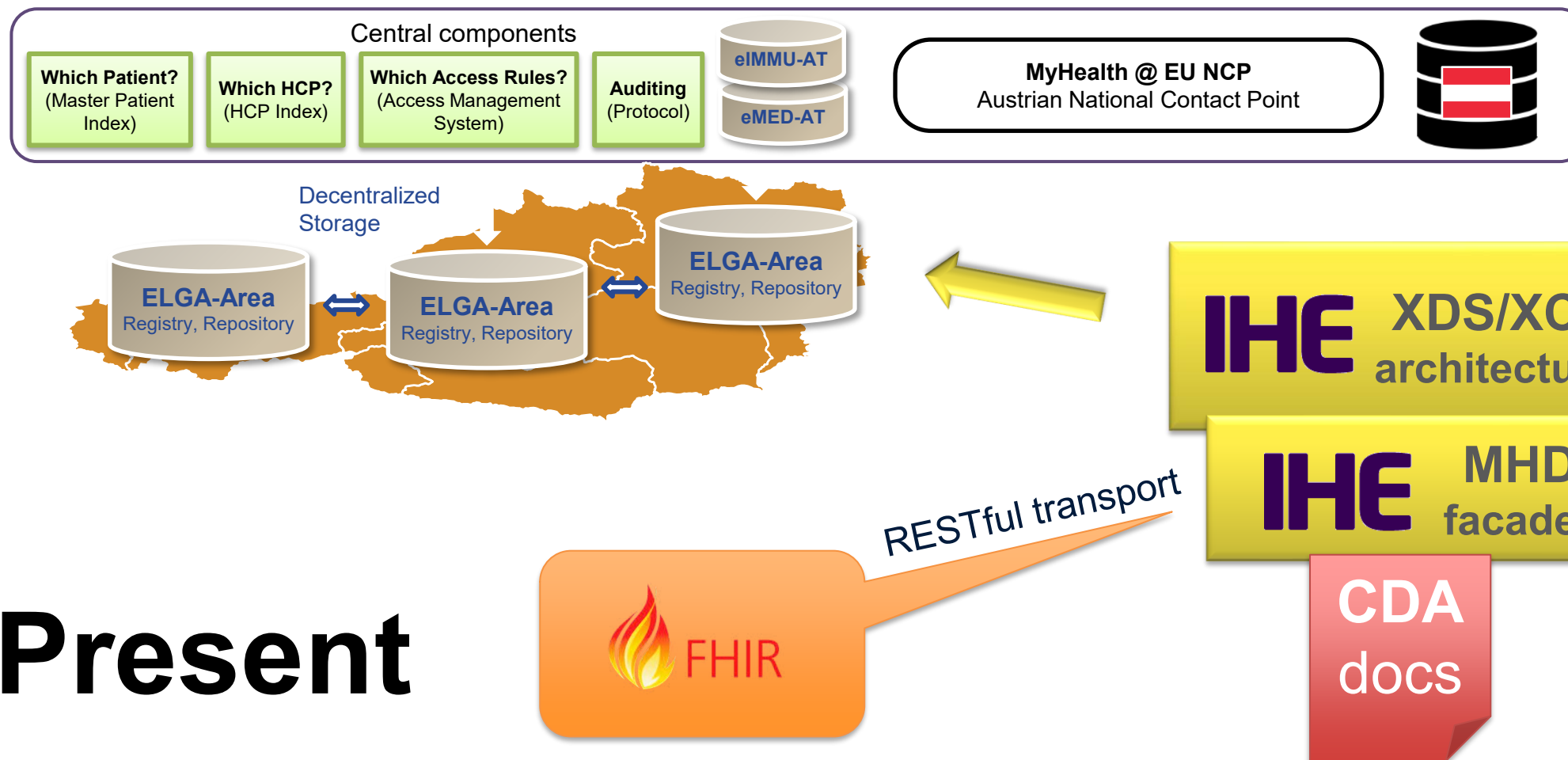


Past

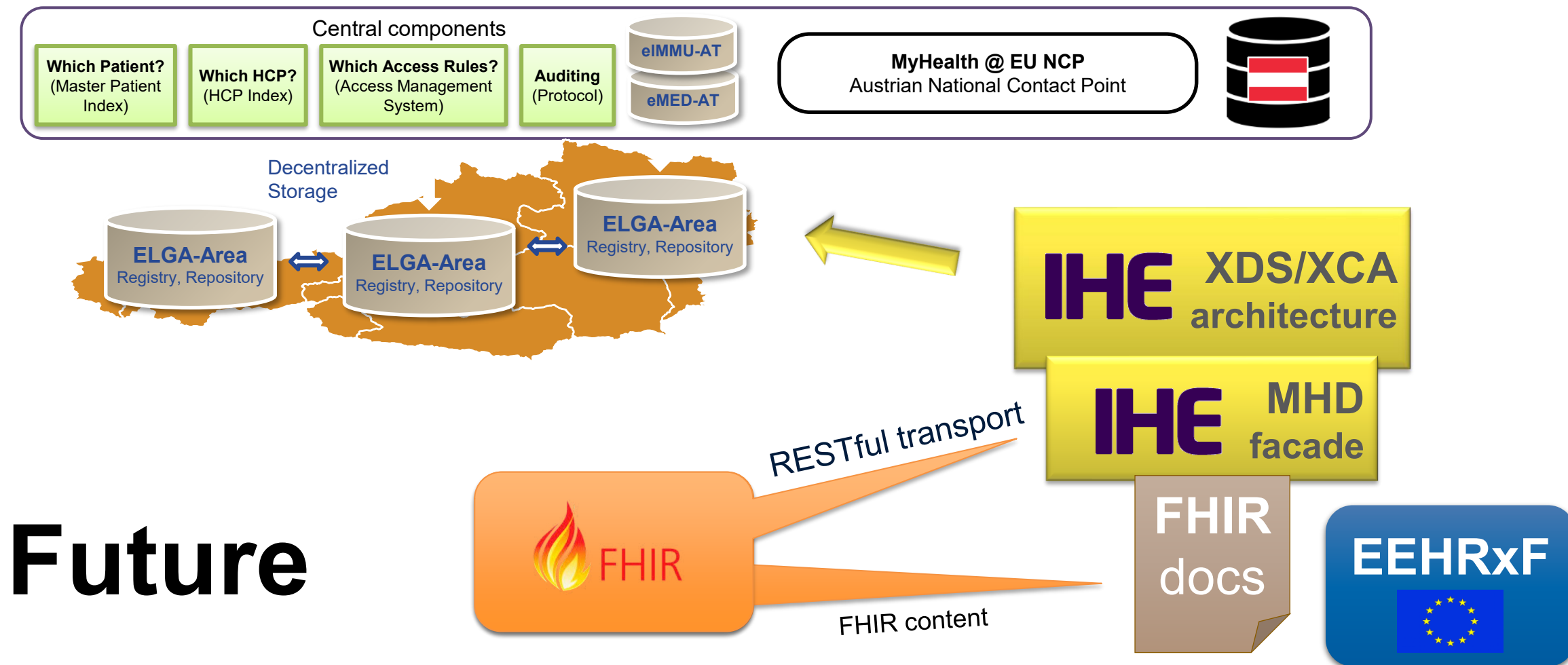


„Basic“: Embedded PDF
„Enhanced“: Structured CDA, minimal coded
„Full support“: Structured CDA, fully coded

Prepare for EHDS: FHIR



Prepare for EHDS: FHIR



- **Establishing legal foundations**

- Health Telematics Act amendment: EU-eP/eD and EU-Patient Summary (Country B)
- In 2nd half of 2025: EU-Laboratory Reports and Integrated Care

- **Work in EU work-groups**

- Xt-EHR, TEHDAS2, QUANTUM

- **National Projects**

- Fit4EHDS (Analysis)
- AMHEN: Preparation of cross-border sharing of Patient Summary, Hospital Discharge Report, Medical Imaging Report
- HealthData@AT: Preparation for secondary use



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