27 IHE Profiles Endorsed by The European Commission

IHE® EUROPE Integrating the Healthcare Enterprise

The acquisition of healthcare connected equipment, information systems and associated services has received strong directional guidance with a recent announcement from the **European Commission** – EC.

The **European Commission** has acted to reinforce quality patient care and facilitate access to medical information by healthcare professionals. As part of the procurement process it has endorsed the application of reliable means of electronic exchange of information using recognised profiles and standards – **27 IHE Profiles**. It comes as a result of close co-operation between the **EC** and **IHE-Europe** on matters of interoperability.

→ **Read the full text of the EC Announcement here.**

When I started a tender to connect the healthcare enterprise at a regional level in the Federal State of Lower Austria, I already asked for the quite new **IHE XDS Profile** back in 2004. In a next step, Austria adopted **IHE Profiles** as a national backbone for its electronic health record – called ELGA – ten years ago. Now, I am happy to see that the European Commission has finally adopted **IHE Profiles** for procurement, in fact reinforcing the initial beliefs of Lower Austria and Austrians as a whole.
I am thus sure that **IHE Conformity Assessment** will bring about the next level of maturity in connecting the healthcare enterprise. Actually, there is no alternative to **IHE!**"

Alexander Schanner,
Project-Manager at NÖ Landeskliniken-Holding/Medical IT-Services & User Co-Chair of IHE Austria

IHE Profiles → Benefits

- Long-standing industry accepted profiles define interoperability using existing standards.
- The **IHE-Europe Connectathon** enables vendors to verify interoperability alongside peers and organisations to perform classroom tests in advance of market place deployment.
- Procurers and users can focus on **IHE Profiles** knowing that delving into complex standards will be taken care of by profile compliance.
- Tenders merely describe requirements and request compliance to the appropriate **IHE Profiles**.
- Many **IHE Profiles** are already subject to the **IHE International Conformity Assessment Scheme** so that existing products from qualified vendors are already delivering tested first-class interoperability and quality patient care.
- **IHE Gazelle Test Tools** are used in development and deployment for the **27 Profiles** and provide the cornerstone for testing at both the **Connectathon** and the ISO/IEC 17025 accredited **IHE International Conformity Assessment**.

For any further information, please contact IHE-Services.

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Cross-Community Patient Discovery (XCPD) ●
Locates communities with health records of a patient and translates identifiers across communities.

Cross-Community Access (XCA) ●
Queries and retrieves patient electronic health records held by other communities.

Cross-Community Fetch (XCF)
Fetches a small pre-negotiated list of documents from another community.

Cross-Enterprise Document Reliable Interchange (XDR)
Exchanges point-to-point health documents between health enterprises using a web-service.

Cross-Enterprise Document Sharing (XDS.b) ●
Shares and discovers electronic health record documents between healthcare organisations.

Cross-Enterprise Document Media Interchange (XDM)
Transfers documents and metadata using USB memory, or email attachments.

Sharing Value Sets (SVS)
Distributes centrally-managed common, uniform nomenclatures.

Basic Patient Privacy Consents (BPPC)
Records a patient's privacy consent acknowledgement to be used for enforcing basic privacy appropriate to the use.

Cross-Enterprise User Assertion (XUA) ●
Communicates claims about the identity of an authenticated user, across enterprise boundaries - Federated Identity.

Pharmacy Prescription (PRE)
Records a prescription of medicinal products to a patient.

Pharmacy Dispense (DIS)
Records the dispensing of medications to a patient.

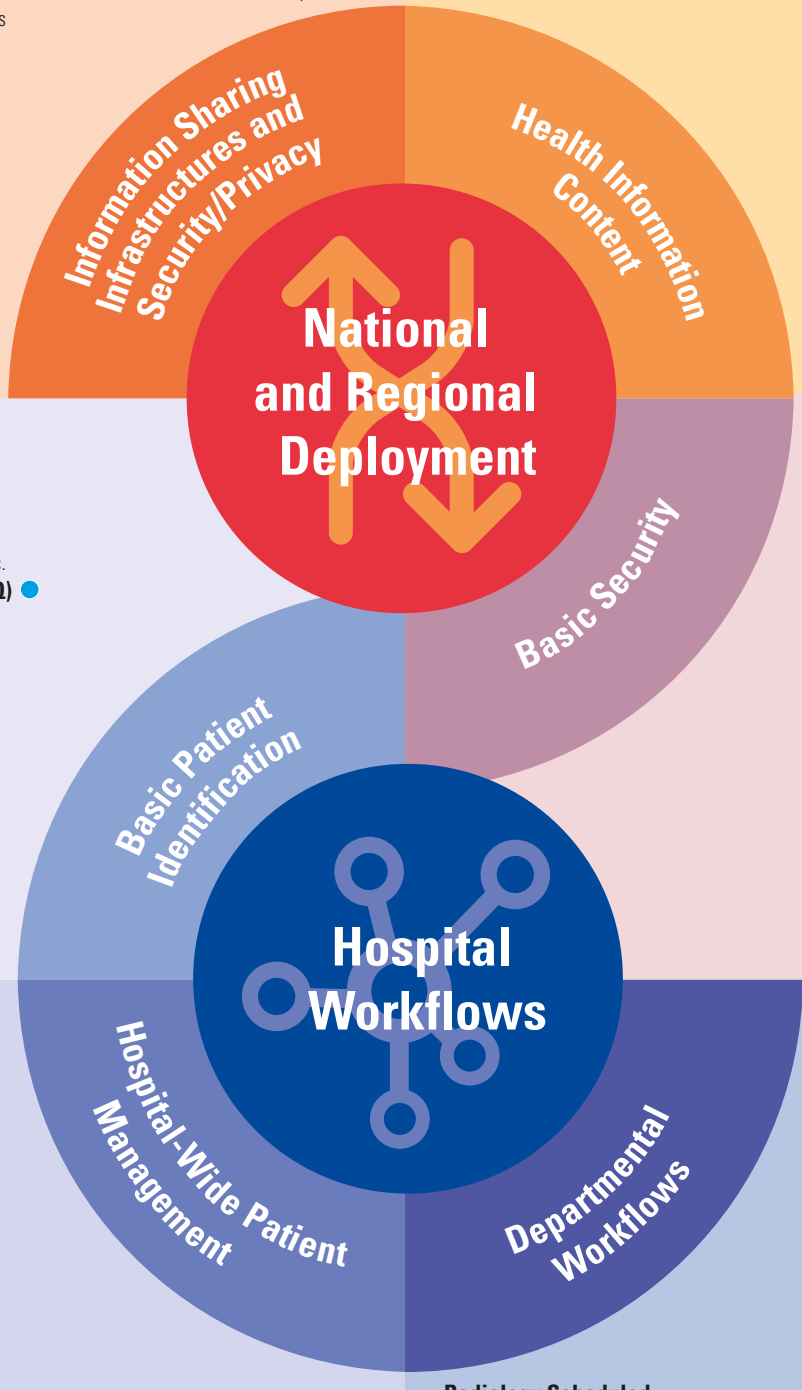
Exchange of Personal Health Record Content (XPHR)
Describes the content and format of patient summary information extracted to/from a PHR or an EHR system.

Cross-Enterprise Sharing of Medical Summaries (XDS-MS)
Describes the content and format of Discharge Summaries and Referral Notes.

Cross-Enterprise Document Sharing for Imaging (XDS-I.b) ●
Extends XDS to share images and diagnostic reports across a group of care sites.

Laboratory Reports (XD*-LAB)
Describes the content (human and machine readable) of an electronic clinical laboratory report.

Cross-Enterprise Sharing of Scanned Documents (XDS-SD)
Enables electronic records to be made from legacy paper and other unstructured electronic documents.



Patient Identifier Cross-Referencing (PIX) ●
Lets applications query for patient identity cross-references between hospitals, sites, health information exchange networks, etc.

Patient Demographics Query (PDQ) ●
Lets applications query by patient demographics for patient identity from a central patient information server.

Audit Trail and Node Authentication (ATNA) ●
Basic security through (a) functional access controls, (b) defined security audit logging and (c) secure network communications.

Consistent Time (CT) ●
Enables system clocks and time stamps in a network to be synchronised.

Patient Administration Management (PAM) ●
Establishes the continuity and integrity of patient data in and across acute care settings, as well as amongst ambulatory caregivers.

Radiology Scheduled Workflow (SWF)
Integrates ordering, scheduling, imaging acquisition, storage and viewing for radiology exams.

Patient Information Reconciliation (PIR)
Complements **SWF Profile**.

Laboratory Testing Workflow (LTW)
Integrates ordering and performance of in-vitro diagnostic tests by a clinical laboratory inside a healthcare institution.

Laboratory Code Sets Distribution (LCSD)
Distributes managed sets of clinical laboratory codes (battery, test and observation codes).

Laboratory Analytical Workflow (LAW) ●
Supports the workflow of test orders and results with InVitroDiagnosis specimens on laboratory analysers.

Radiology Scheduled Workflow (SWF.b)
Introduced as a variant of the **SWF Profile**. It mandates HL7 V2.5.1 for HL7 based transactions and incorporates the transactions of the **Patient Information Reconciliation (PIR) Profile**.

IHE CONFORMITY ASSESSMENT

● **IHE Profiles** under **IHE International Conformity Assessment Programme**

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