

THE BENEFIT OF CREATING THE GREEK NATIONAL INITIATIVE: IHE GREECE

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E-HEALTH PROJECTS IN GREECE

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THE BENEFIT OF CREATING THE GREEK NATIONAL INITIATIVE: IHE GREECE

What is an IHE National Initiative

- Europe today counts national initiatives in



- National Initiatives are **sponsored by professional associations** and include membership and staff of these groups, as well as local hospital and vendor representatives.
- A key role for a national initiative is **to coordinate the deployment of the IHE Technical Framework and Integration Profiles** and to then give input to development of this documentation relevant to local needs and issues. Specific IHE documentation relevant to individual European countries is contained **within the national extension annexes** to the Technical Framework documents accessible through the respective IHE National Initiatives.
- A key requirement for the establishment of an IHE National Initiative in a country is the support of **one or more IHE sponsors**, namely an association or user organisation committed to the promotion of IHE.
- IHE Initiative can apply to host an IHE Connectathon, can do training sessions, extend the IHE profiles, provide local support to its members and key stakeholders

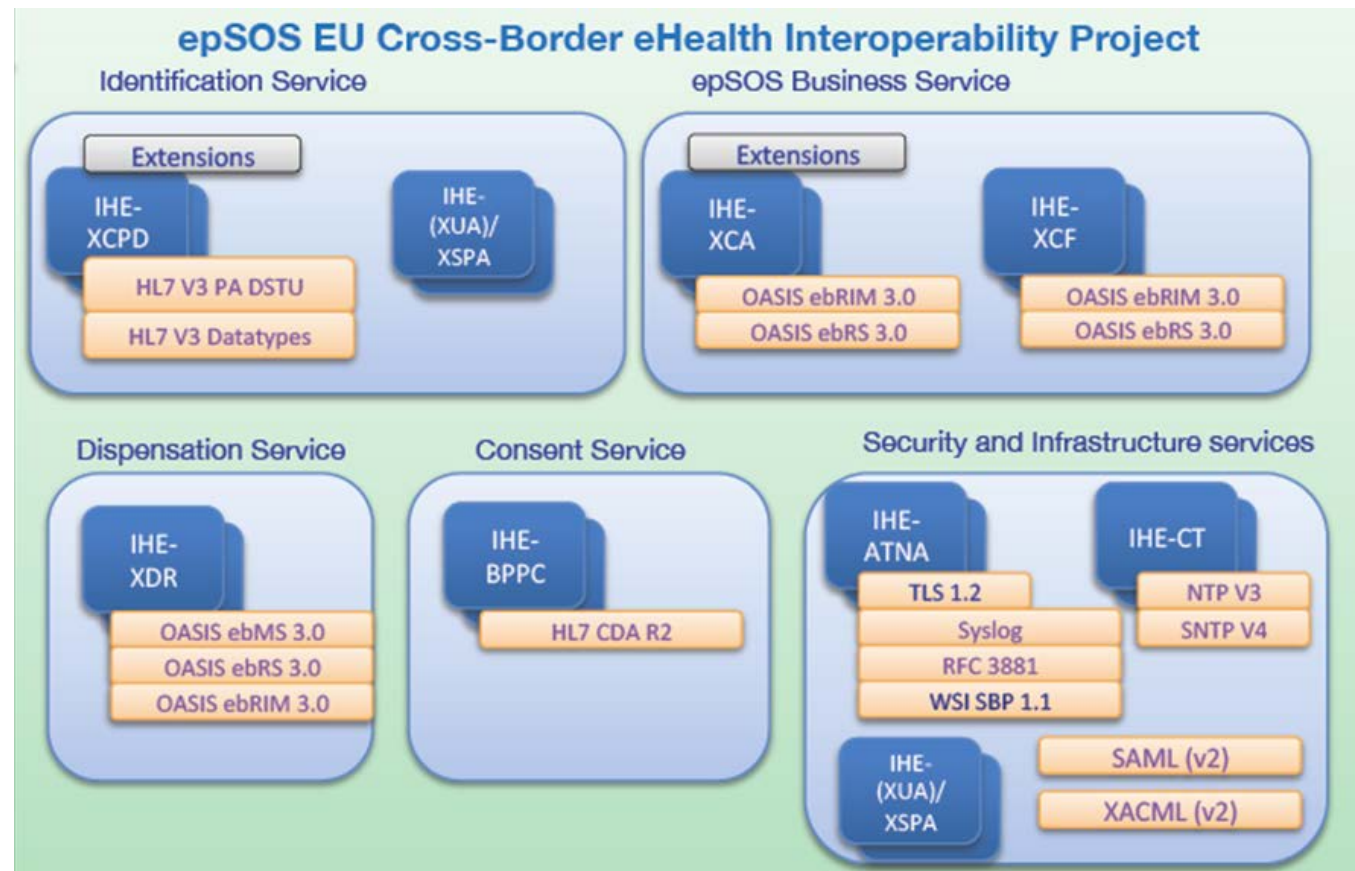
Creation of IHE Greece

- Create the local IHE National Initiative combined with an HL7 affiliate, i.e. HL7 Hellas, in order to:
 - Mutualize resources (experts are hard to find!)
 - To keep consistencies between projects and working groups
 - To establish the correct level of consensus building
- Enhance your National strategy by proposing the reuse of Standards based upon IHE profiles and Interoperability Specs
 - Establish a National EIF
- Don't reinvent the wheel
 - See what others do!
- Interested parties
- Open participation



IHE Profiles and Greece

- 1. Start Safe: Built on epSOS specification for cross border healthcare



IHE Profiles and Greece

- 2. Expand the National Infrastructure (ITI Profiles)

[ATNA]

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

[BPPC]

Basic Patient Privacy Consents method for recording a patient's privacy consent acknowledgement to be used for enforcing basic privacy appropriate to the use.

[XCA]

Cross-Community Access allows to query and retrieve patient electronic health records held by other communities.

[XDW]

Cross Enterprise Workflow coordinates human and applications mediated workflows across multiple organizations.

[XDS]

Cross Enterprise Document Sharing share and discover electronic health record documents between healthcare enterprises, physician offices, clinics, acute care in-patient facilities and personal health records.

[XDS-SD]

Cross-enterprise Sharing of Scanned Documents enables electronic records to be made from legacy paper, film, and other unstructured electronic documents.

[XUA]

Cross-Enterprise User Assertion communicates claims about the identity of an authenticated principal (user, application, system...) across enterprise boundaries - Federated Identity.

[EUA]

Enterprise User Authentication enables single sign-on inside an enterprise by facilitating one name per user for participating devices and software.

[PAM]

Patient Administration Management establishes the continuity and integrity of patient data in and across acute care settings, as well as among ambulatory caregivers.

IHE Profiles and Greece

- 3. Restructure old systems (i.e LAB, RAD Profiles)

[LTW]

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

[XD-LAB]

Sharing Laboratory Reports describes the content (human and machine readable) of an electronic clinical laboratory report.

[LBL]

Laboratory Barcode Labeling integrates robotic specimen container labeling systems with sources of order-related labelling information.

[SWF]

Scheduled Workflow integrates ordering, scheduling, imaging acquisition, storage and viewing for Radiology exams.

[MAMMO]

Mammography Image specifies how Mammography images and evidence objects are created, exchanged, used and displayed.

[BIR]

Basic Image Review defines baseline features and user interface relevant to simple review of DICOM images.

[XCA-I]

Cross-Community Access for Imaging extends XCA to share images, diagnostic reports and related information across communities.

[BRTO]

Basic Radiation Therapy Objects integrate the flow of treatment planning data from CT to Dose Review for basic treatments

[MS]

Medical Summaries describes the content and format of Discharge Summaries and Referral Notes.

IHE Profiles and Greece

- 4. See the future (ePrescription, mHealth, etc)

[CMPD]

Community Medication Prescription and Dispense integrates prescription, validation and dispensation of medication in the ambulatory sector.

[PRE]

Pharmacy Prescription Document records a prescription.

[PADV]

Pharmacy Pharmaceutical Advice Document records pharmaceutical advice in response to a prescription.

[DIS]

Pharmacy Dispense Document records the dispensation of medication to a patient.

[HMW]

Hospital Medication Workflow integrates prescription, validation, dispensation, distribution and administration of medication inside healthcare institutions.

[PML]

Pharmacy Medication List

[MHD]

Mobile access to Health Documents provides a RESTful interface to Document Sharing including XDS.

[IUA]

Internet User Authorization provides user authorization for RESTful interface.

[DEC]

Device Enterprise Communication transmits information from medical devices at the point of care to enterprise applications.

The IHE paperwork...

- IHE-International:
 - Governance: <http://www.ihe.net/Governance/>
 - Application form: [http://www.ihe.net/Join IHE Application/](http://www.ihe.net/Join_IHE_Application/)
 - Basic fee waived by the national initiative
- IHE-Europe:
 - Statuts : www.ihe-europe.net
 - Application form: <http://www.ihe-europe.net/members/become-member>
 - Membership: 3 500 € excl VAT (21%)

E-HEALTH PROJECTS IN GREECE

Overall Strategy

- The MoH has established a National eHealth Board with wide stakeholder participation to monitor and govern ehealth in Greece
- First goal is to establish a fully eEIF compatible National Interoperability Framework
- Participate intensively in all cross border healthcare initiative by the EU.
- Create new services (i.e. patient summary, primary care information systems, National EHR affinity domain – eHealth Platform, blood bank network, medical imaging storage system, interoperability lab and ehealth specification management, terminologies management, patient CRM, etc)
- Build upon existing systems and project (ePrescription, Regional healthcare networks, Telepresence network, HIS, etc)

IHE Profiles under EU regulation 1025/2012 (EU MSP) 29 July 2015

XCPD

XCF

XCA

XDR

XDM

XDS.b

CT

ATNA

PIX

PDQ

PAM

BPPC

SVS

XUA

PRE

DIS

XPHR

MS

XD LAB

SWF

PIR

XDS-I.b

SWF.b

LTW

LCSD

LAW

XD-SD

http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ:JOL_2015_199_R_0011