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EUROPE | DAYS

BRUSSELS 2026
25-26 MARCH 



IHE's support for EHDS implementation EURIDICE



Bas van den Heuvel and Marc Kammerer,
co-facilitators of EURIDICE Working Group
EU Imaging Report





EURIDICE
an IHE-Europe & HL7 Europe initiative



HL7e/IHEe EU Imaging Report Working Group

Bas van den Heuvel, HL7 Europe – Marc Kämmerer, IHE-Europe

IHE and HL7 Europe: Unified Efforts for Better Results

- Joint co-branded Standards
- The best from both
- Evolving collaboration
- Initial focus on EHDS implementation support
- Offer these specifications to Xt-EHR and the EC for possible adoption for the EHDS Implementing Acts



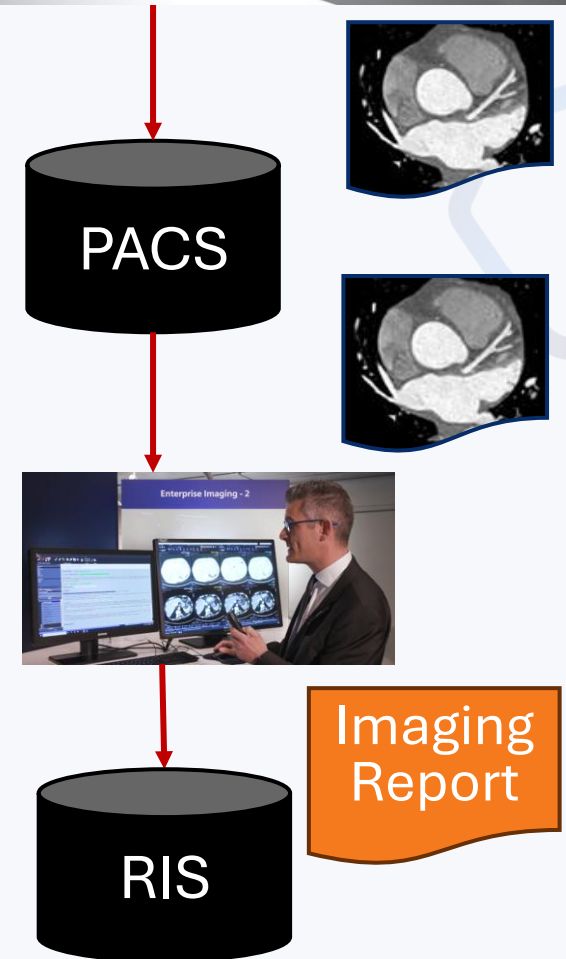
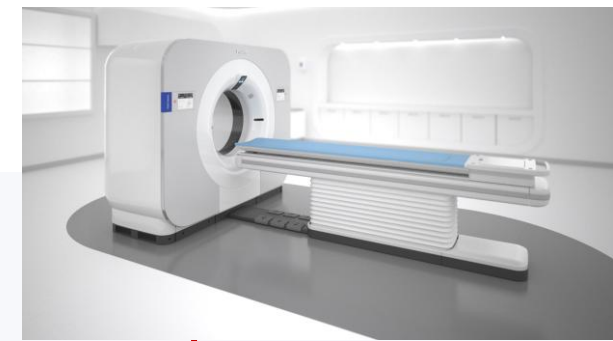
**European Interoperability
Specifications
for Digital Solutions in Healthcare**

- **FHIR Imaging Manifest**

- Data from the PACS
- holds the information required to access the imaging data (data from the PACS).
- holds the URLs needed to access the content in a document that can be shared in document exchange infrastructure (IHE-XDS/IHE-MHD)⁴

- **FHIR Imaging Report**

- Data from the report repo
- holds the Imaging Report (data from RIS).
- typically signed and cannot change.





HL7eu / IHEeu Imaging Manifest

- Imaging Study DICOM Header Information (Metadata)
- FHIR and DICOM representation



HL7eu / IHEeu Imaging Study Report

- Structured & unstructured content
- Report and additional information
- FHIR Document Bundle

HL7 Europe Imaging Study Report Implementation Guide
<https://build.fhir.org/ig/hl7-eu/imaging-r5/en/index.html>



EU Imaging Report

Candidate Euridice Specification

Overview [Current Status](#)

Specification: [HL7 Europe Imaging Report](#)

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NOTE: This is an **early snapshot** released for **review and pilot use**.

Overview

This implementation guide specifies imaging study data in the **European** context, as defined in [eHN Imaging Studies and Reports](#) and refined by [Xt-EHR Imaging Logical Model](#), as a FHIR model. It defines:



HL7 Europe Imaging Report R5

1.0.0-beta - ci-build 150



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- R4 [↗](#)

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HL7 Europe Imaging Report R5, published by HL7 Europe. This guide is not an authorized publication; it is the continuous build for version 1.0.0-beta built by the FHIR (HL7® FHIR® Standard) CI Build. This version is based on the current content of <https://github.com/hl7-eu/imaging-r5/> and changes regularly. See the [Directory of published versions](#) [↗](#)

1 Home

Official URL: <http://hl7.eu/fhir/imaging-r5/ImplementationGuide/hl7.fhir.eu.imaging-r5>

Version: **1.0.0-beta**

Highlight text changes?

Computable Name:
HL7EuImagingStudyReport

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Acknowledgment

The development of this Implementation Guide version has been supported by the **Xt-EHR Joint Action**. Xt-EHR provided expertise, alignment with European health policy priorities, and validation of specifications to enable consistency with EHDS requirements.

- Scope
- Purpose
- FHIR specific Dependencies
- Cross Version Analysis
- Global Profiles
- IP statements



Manifest-Based Access to DICOM Objects (MADO)

Euridice Specification

Xt-EHR WP7.2 together with the IHE Radiology Technical Committee and the **EURIDICE initiative** (that brings together IHE-Europe and HL7-Europe) have produced an international version of the [Manifest based Access to DICOM Objects \(MADO\) IHE Profile](#).

A first draft of the MADO Profile was issued along with the European Xt-EHR D7.2 Stakeholder Consultation (November 2025). It has been improved with a second version issued for IHE Public Comment (January 2026). **The [Trial Implementation version](#) has been issued for implementation and deployment on March 16th.**

This IHE MADO Trial Implementation version is targeted for inclusion by Xt-EHR in its updated *D7.2 Medical imaging studies and reports: implementation guides on EEHRxF, functional and technical requirements and specifications for EHR systems*.

Integrating the Healthcare Enterprise

IHE

5

**IHE Radiology
Technical Framework Supplement**

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**Manifest-based Access to DICOM Objects
(MADO)**

HL7® FHIR® R4

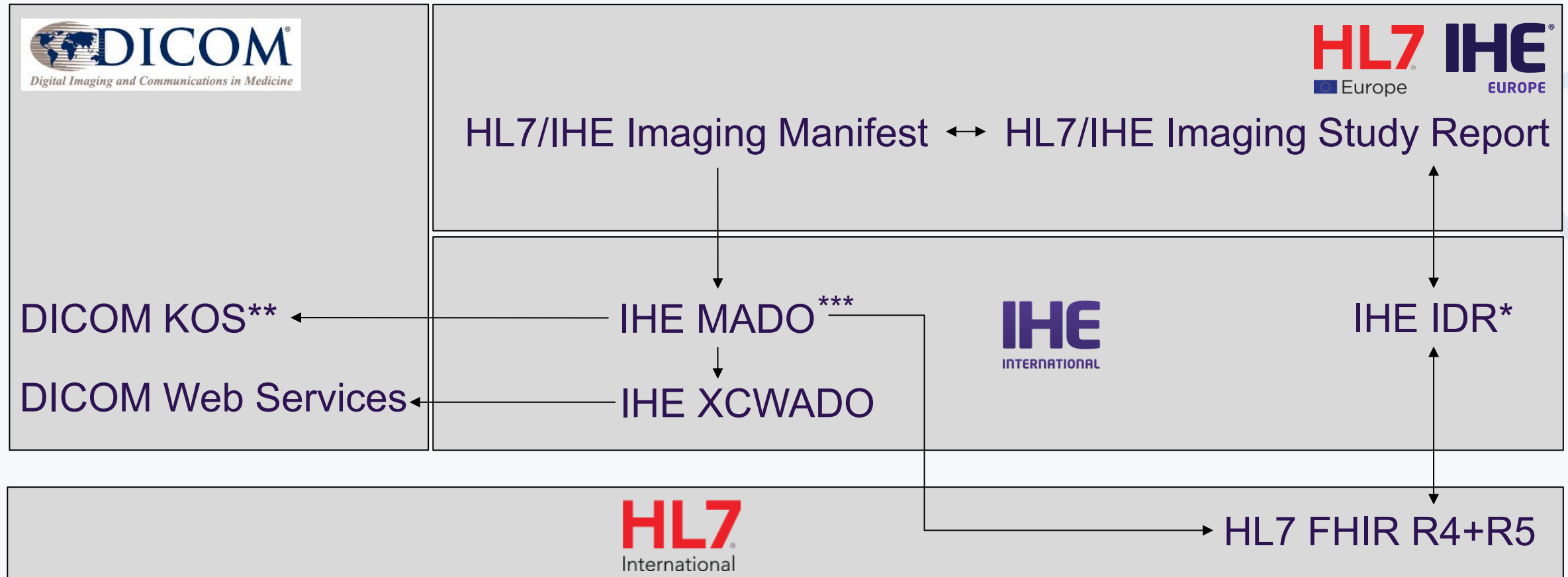
Using Resources at FMM Level 1-N

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Revision 1.1 – Trial Implementation

DICOM Imaging Studies

Imaging Study Report



** DICOM Key Object Selection

*IHE Image Diagnostic Report

*** IHE Manifest Based access to DICOM Objects