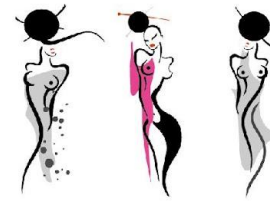


L'interfaccia con la Radiologia e la documentazione sanitaria

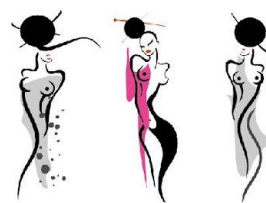
Claudio Saccavini
Managing Director IHE Catalyst





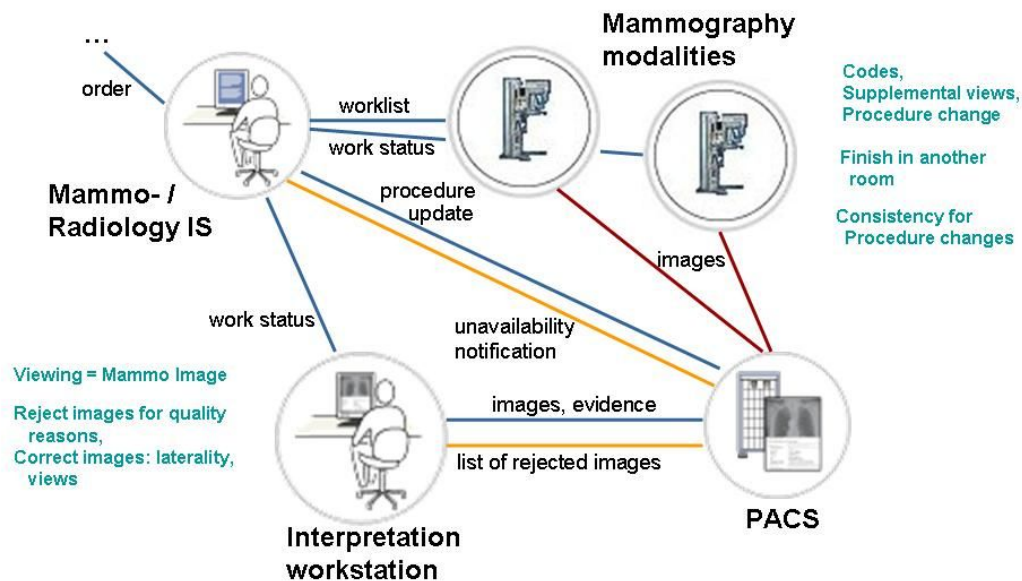
I riferimenti per le integrazioni per i sistemi di screening:

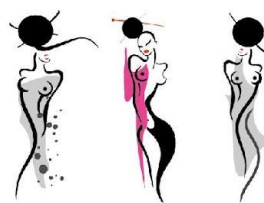
- Scheduled Workflow
- Mammography Acquisition Workflow
- Mammography Image
- Digital Breast Tomosynthesis
- Cross-enterprise Document Sharing for Imaging



MAWF

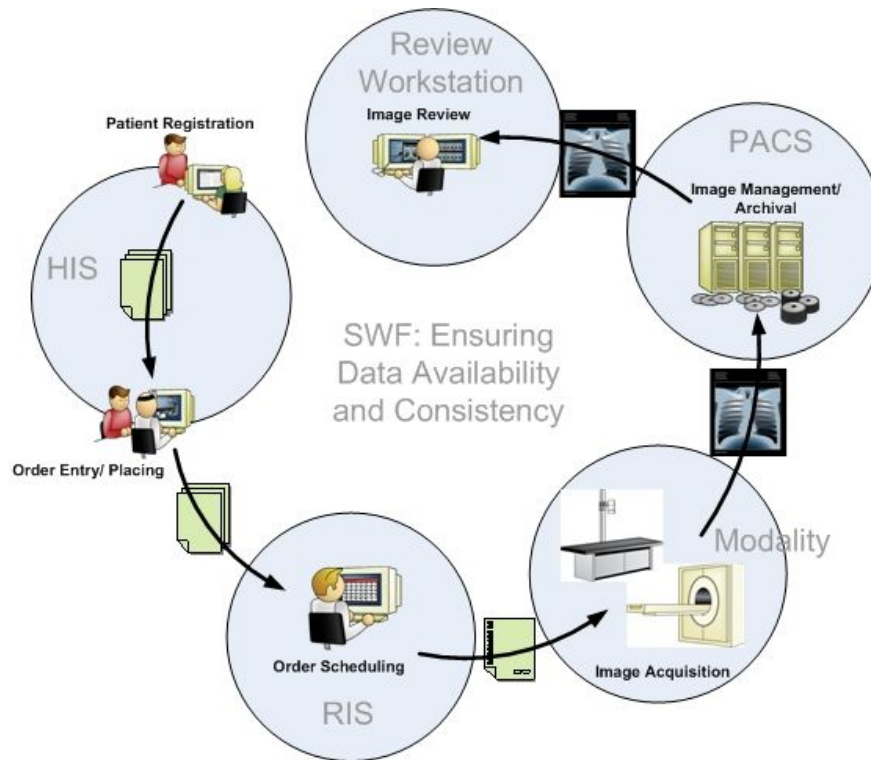
Mammography Acquisition Workflow defines how Mammography Modalities or Workstations reject images for quality reasons or correct view information in images. It furthermore describes how to document procedure and protocol changes as well as recall cases. The Department System Scheduler and Image Archive will keep its internal information consistent with these changes. The Reading Workstations present original and recall studies together.

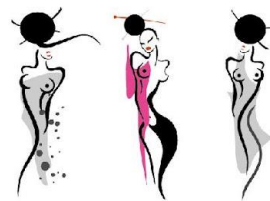




SWF.b

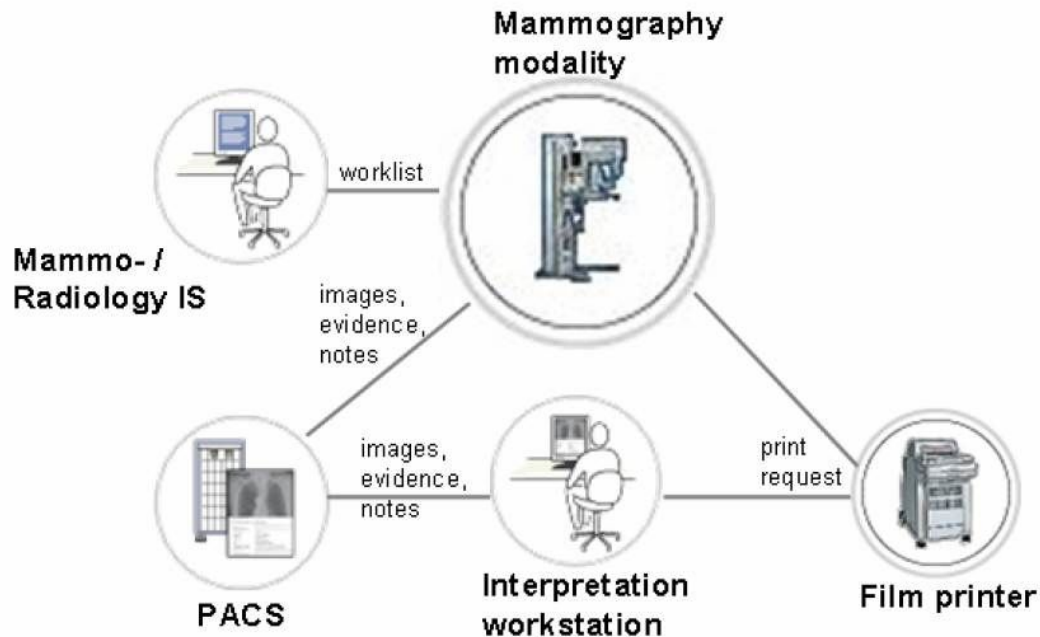
Scheduled Workflow.b establishes a seamless flow of information that supports efficient patient care workflow in a typical imaging encounter. It specifies transactions that maintain the consistency of patient information from registration through ordering, scheduling, imaging acquisition, storage and viewing. This consistency is also the foundation for subsequent workflow steps, such as reporting.

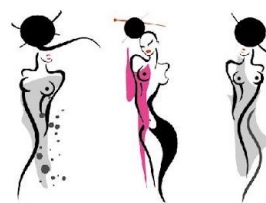




MAMMO

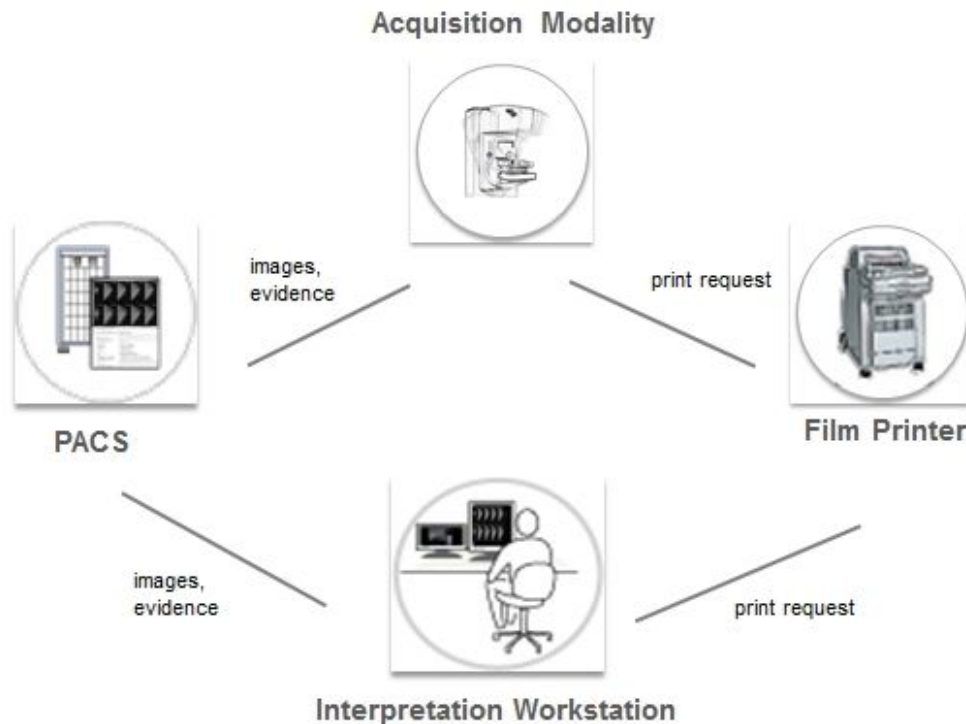
The IHE Mammography Image Profile ensures that the acquired digital mammography images contain all relevant information that is necessary for further image processing, application of CAD, storage, display, review and printing. This profile is absolutely necessary for generating correct digital mammography image content to ensure optimal presentation of images at a mammography review workstation.





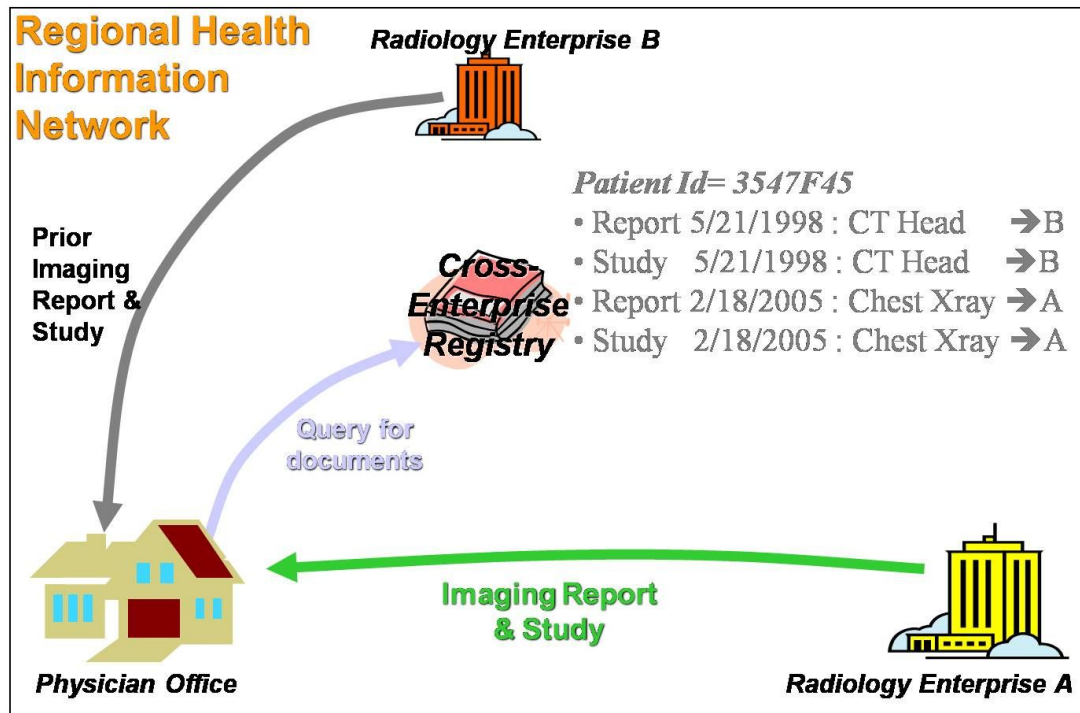
DBT

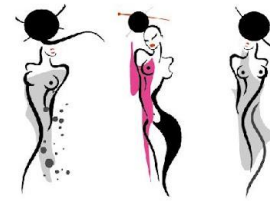
The IHE Digital Breast Tomosynthesis Profile ensures that the acquired digital mammography and tomosynthesis images contain all relevant information that is necessary for further image processing, storage, display, review and printing. This profile is absolutely necessary for generating correct digital mammography and tomosynthesis image content to ensure optimal presentation of images at a mammography review workstation



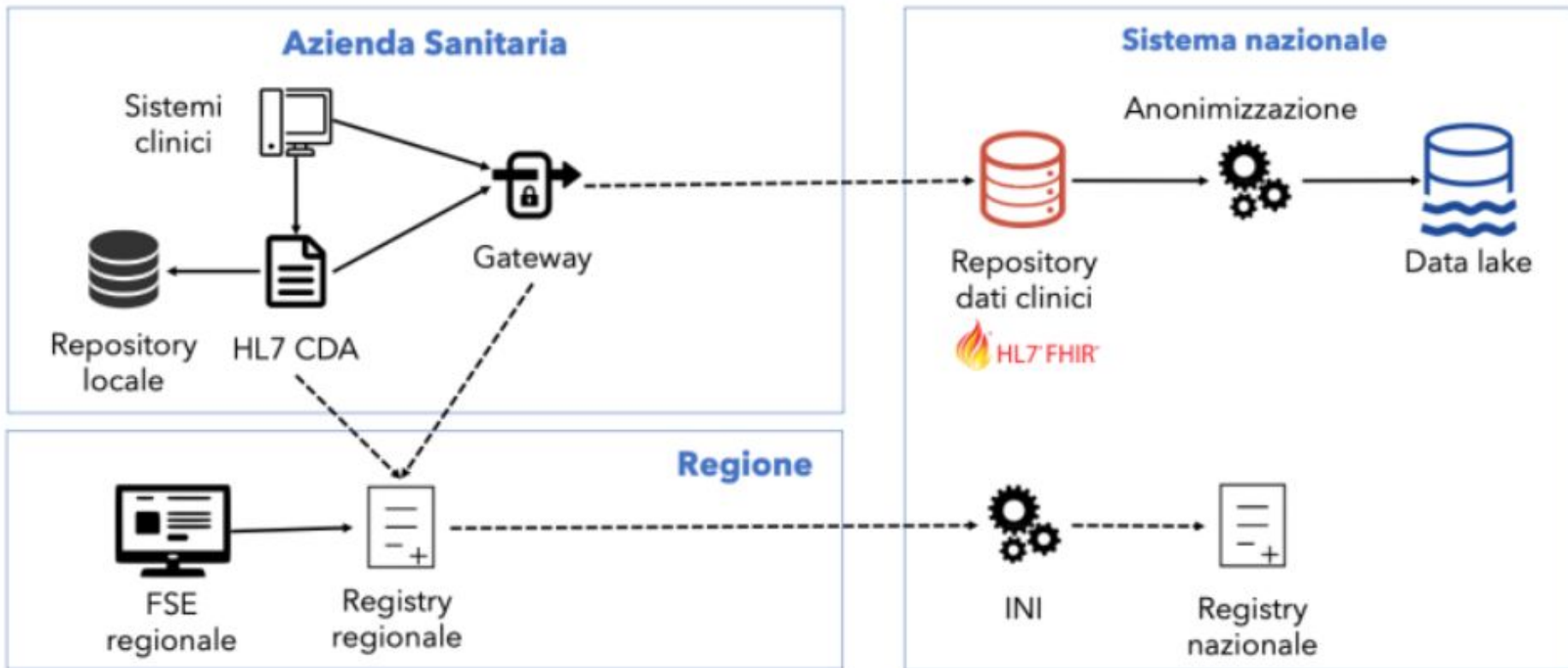
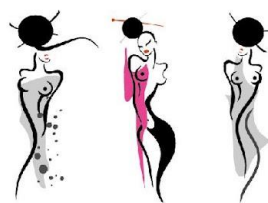
XDS-i

XDS-I.b provides a solution for publishing, finding and retrieving imaging documents across a group of affiliated enterprises



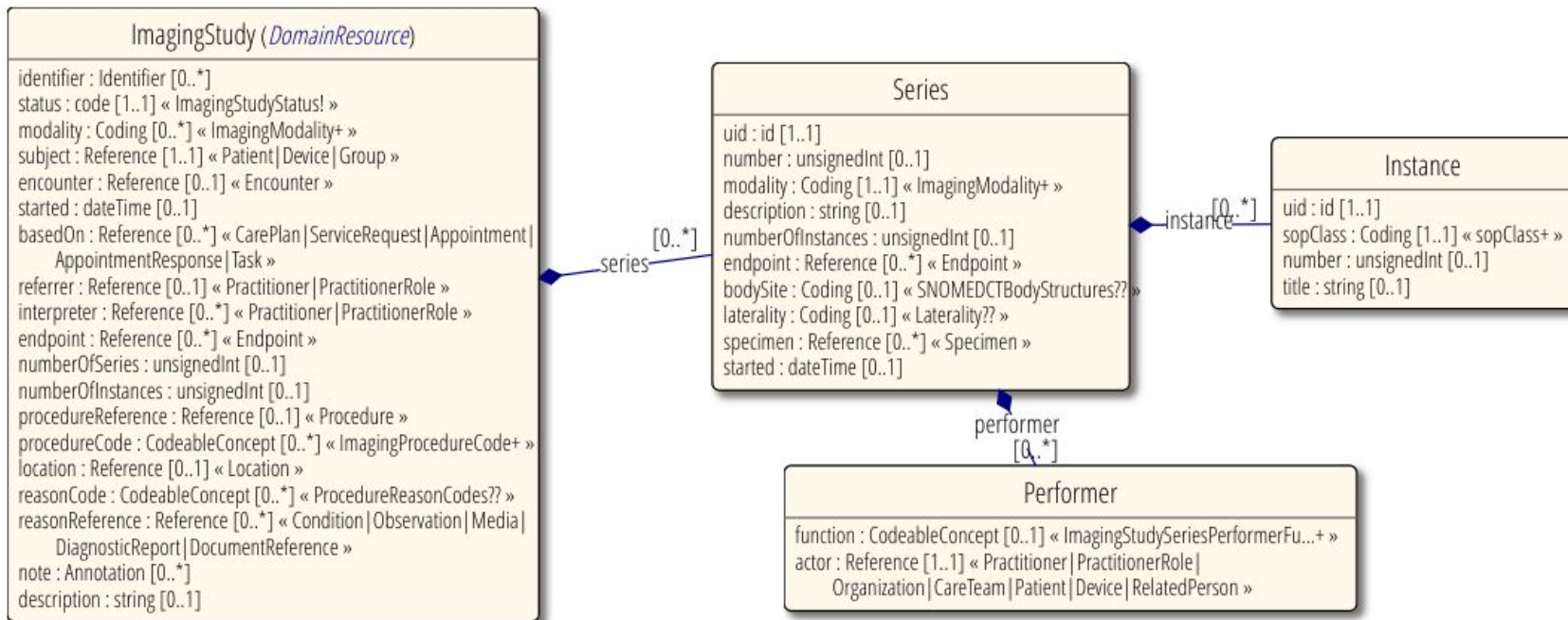


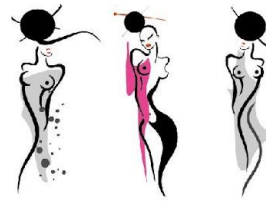
Fast Healthcare Interoperability Resources (FHIR) è uno standard di interoperabilità sviluppato da HL7 (l'associazione che gestisce gli standard Health Level 7) e progettato per consentire lo scambio di dati sanitari in formato elettronico tra sistemi diversi del settore sanitario. HL7 produce dati sanitari e standard di modellazione da 20 anni; FHIR è la specifica più recente per la condivisione di dati e include l'esperienza e la conoscenza dei modelli logici e teorici esistenti. Di conseguenza, fornisce un'implementazione semplificata per lo scambio di dati fra applicazioni sanitarie senza sacrificarne l'integrità.





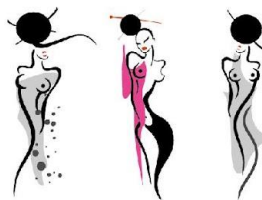
UML Diagram (Legend)





Cosa accadrà?

- Migrazione da architetture basate su documento (FSE) ad architetture basate su Clinical Data (FSE 2.0)
- DICOM server come contenitori di file accoppiati a Server FHIR come nuovi indici



Grazie

csaccavini@ihe-catalyst.net

www.ihe-catalyst.net

