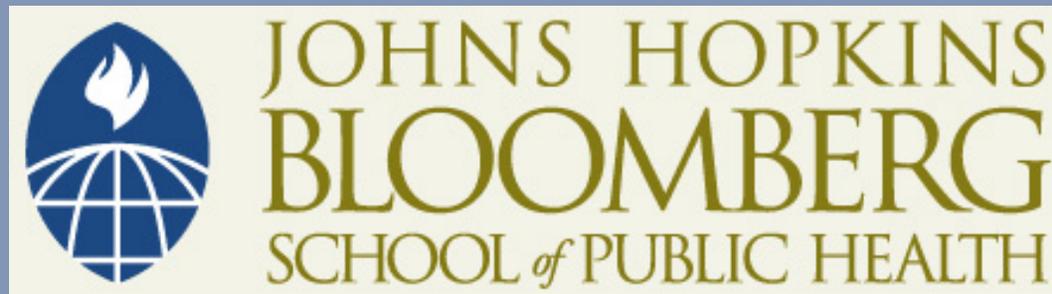


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Section D

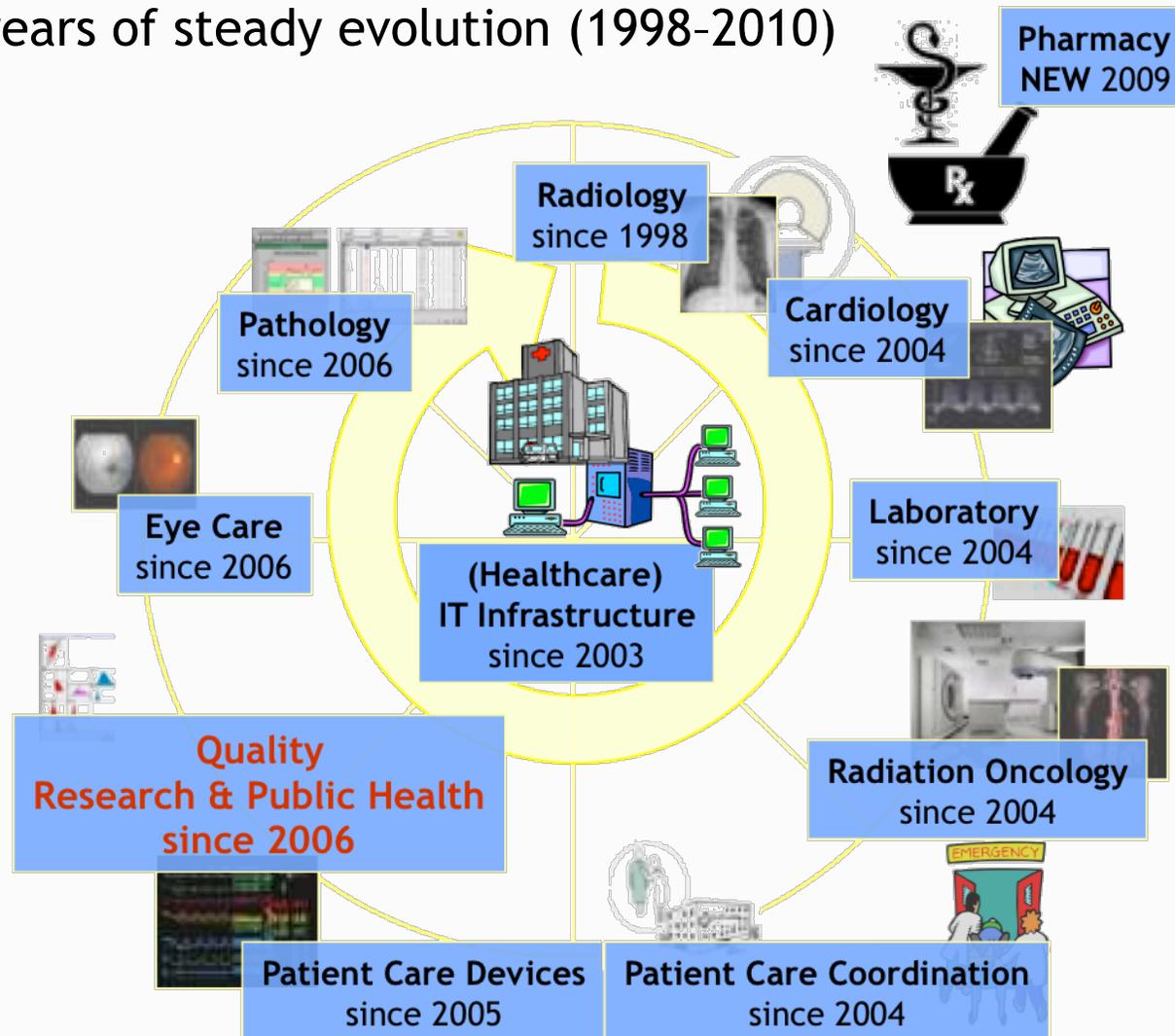
Examples, Participation, and Leveraging Standards
Harmonization Products

Implementation

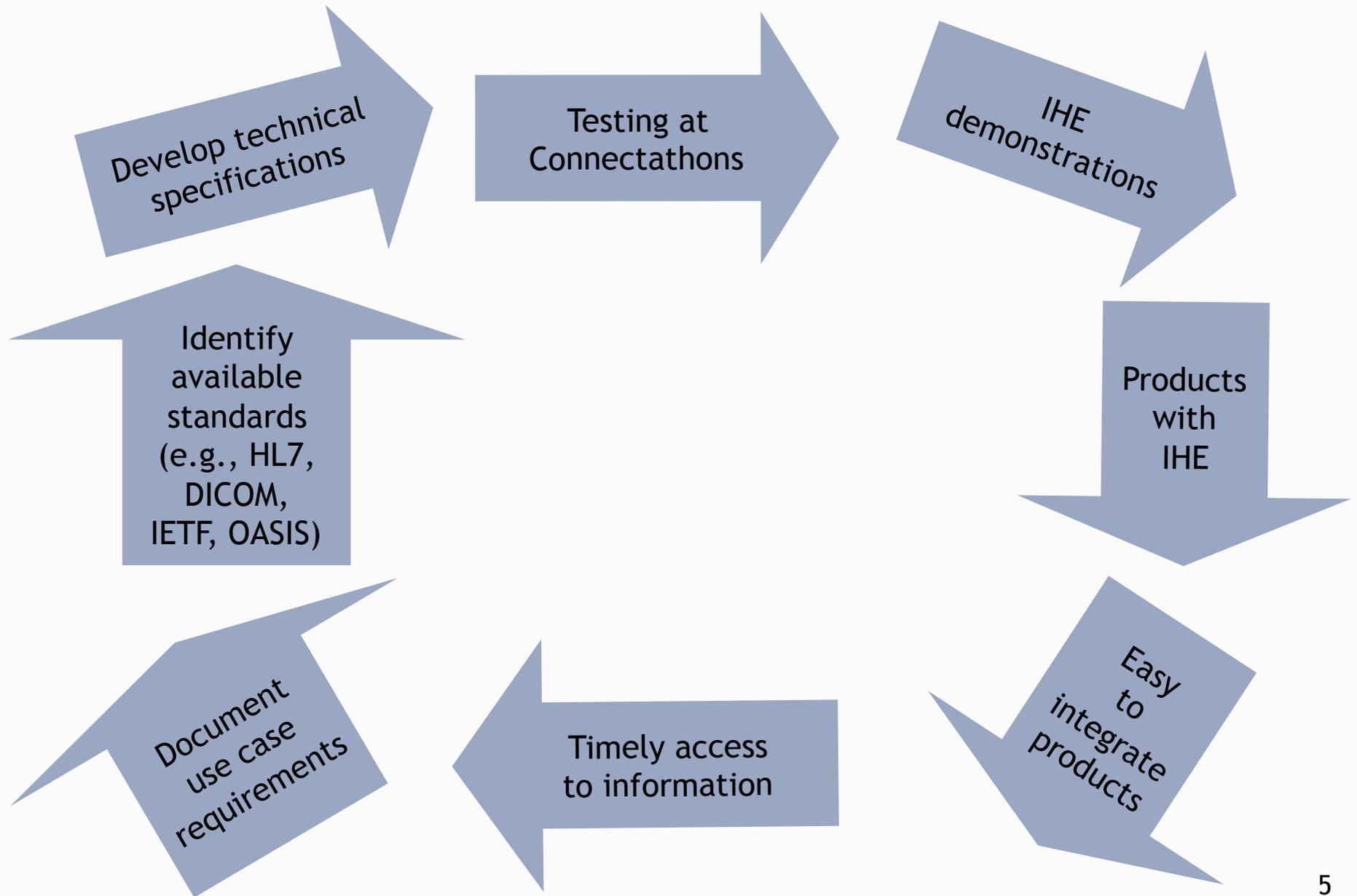
- Public health-related specifications
- Require standards-based solutions (RFPs)
 - Participation: if IT products are to work for public health, we need to specify how they should work
- Verify conformance
 - Integration statements
 - Connectathon results
 - Certification testing
- Certification ≠ interoperability
 - Know your standards requirements
 - Custom interfaces can be costly

Ten IHE Development Domains

- Ten IHE development domains—helping public health more directly
- Eleven years of steady evolution (1998-2010)



Proven Standards Adoption Process



Why Get Involved?

- Why health professionals and your vendors should get involved
 - If as a health IT professional you are involved in evaluating and/or selecting IT products and consultants, you and/or your consultants and vendors can and should do the following:
 - ▶ Use IHE integration profiles to develop interoperability strategy
 - ▶ Use Connectathon results and integration statements to evaluate vendors
 - ▶ Demand IHE integration profile compliance in RFPs

IHE Vendor Integration Statements

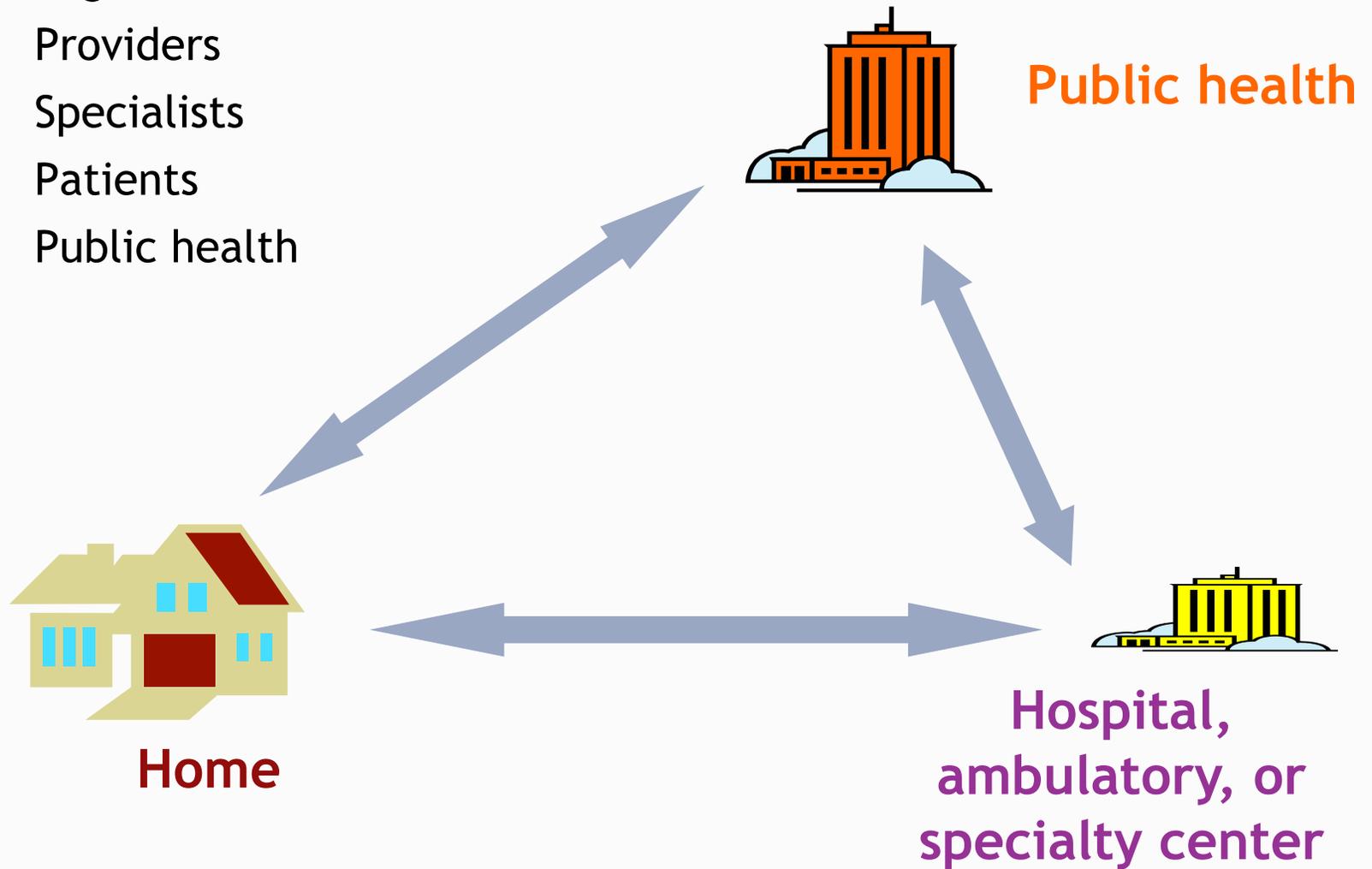


IHE Integration Statement			
Vendor	Product Name	Version	Date
Integrated Medical Systems	Mega.CT	V3.2	17 Oct. 2002
This product implements all transactions required in the IHE TF to support the IHE Integration Profiles, Actors and Options listed below:			
Integration Profiles Implemented	Actors Implemented	Options Implemented	
Scheduled Workflow	Acquisition Modality	Patient-based Worklist Query, Assisted Acquisition Protocol Setting	
Portable Data for Imaging	Media Creator	No options defined	
Web address for vendor's IHE information: www.integratedmedicalsystems.com/ihe			
Links to Standards Conformance Statements for Implementation			
HL7	N/A		
DICOM	www.integratedmedicalsystems.com/dicom/MegaCT-DCS.pdf		
Links to general IHE information			
In North America: www.ihe.net	In Europe: www.ihe-europe.org	In Japan: www.iira-net.or.jp/ihe-i	

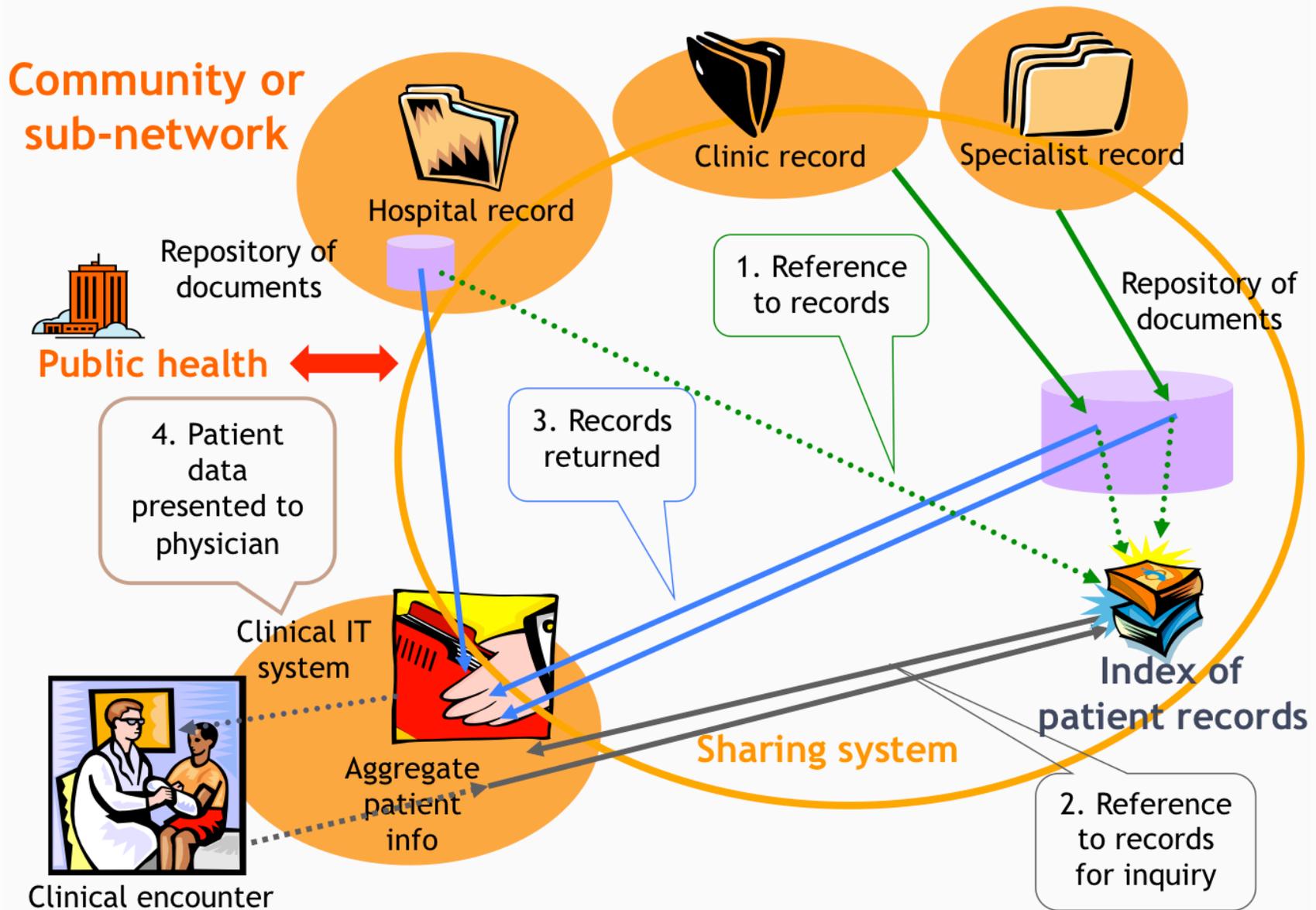
IHE for Communities

- Sharing information between

- Providers
- Specialists
- Patients
- Public health



Cross Enterprise Document Sharing



IT Infrastructure Components Supporting Public Health

- Cross-Enterprise Document Sharing (XDS)
- Cross-Enterprise Document Reliable Interchange (XDR) (point to point)
- Cross-Enterprise Document Media Interchange (XDM) (media)
- Patient Identifier Cross Reference Manager (PIX)
- Patient Demographics Supplier (PDQ)
- Pediatric Demographics Option (PDO)
- Retrieve Form for Data Capture (RFD) (surface forms within the EHR)
- Audit Record Repository (ATNA)
- Time Server (CT)

IT Infrastructure Components Supporting Public Health

- Personnel White Pages (PWP)
- Cross-Enterprise User Assertion (XUA)
- Cross Community Access (XCA)
- Basic Patient Privacy Consents (BPPC)
- Cross-Enterprise Sharing of Scanned Documents (XDS-SD)
- Document Digital Signature (DSG)
- Enhanced Sharing Value Sets (ESVS)
- Document Metadata Subscription (DSUB)
- Multi-Patient Queries (MPQ)
- On-Demand Documents

PCC Profiles

Content

Medical Summaries

Functional Status Assessments

Emergency Department Referral

Exchanging PHR Content

Emergency Department Encounter Summary

Antepartum Care Summary

Antepartum Record

Immunization Registry Content

Patient Plan of Care

Labor and Delivery Record

EMS Transfer of Care

Integration

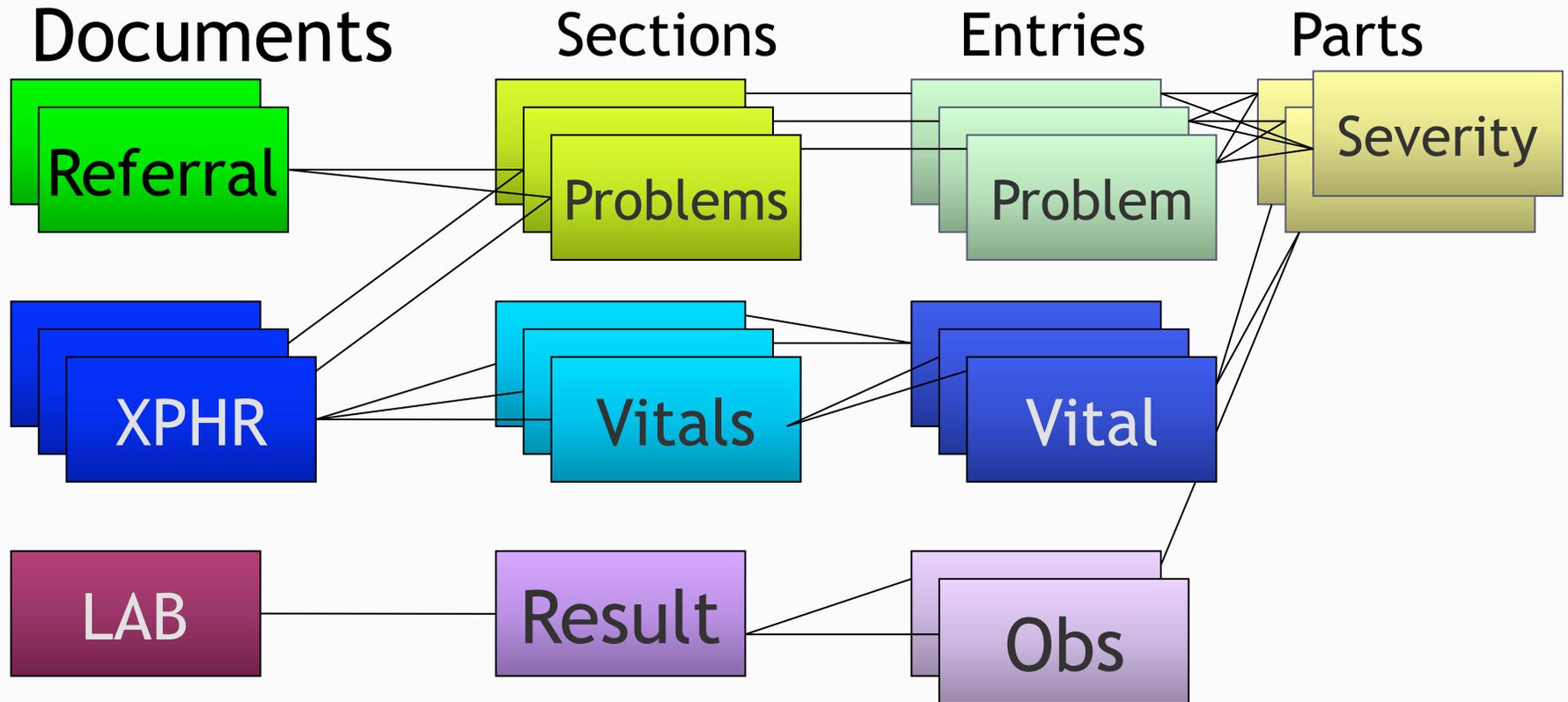
Care Management

Request for Clinical Guidance

Query for Existing Data

2005-06
2006-07
2007-08
2008-09
2009-10

Library of Templates



Quality, Public Health, and Research Profiles

■ Profiles

- Anatomic Pathology Reporting to Public Health (ARPH)
- Drug Safety Content (DSC)
- Maternal and Child Health (MCH)
- Physician Reporting to a Public Health Repository-Cancer Registry (PRPH-Ca)
- Early Hearing Detection and Intervention: Screening, Short-Term Care, and Clinical Surveillance for Hearing Loss (EHDI)
- Retrieve Protocol for Execution (RPE)
- Redaction Services (RSP)

■ White papers

- Newborn Screening (NBS)
- Performance Measure Data Element Structured for EHR Extraction
- Public Health Data Standards Consortium White Paper

Wrap-up With Some Useful Links

- IHE integration statements
 - <http://product-registry.ihe.net/PR/searchHome.seam?cid=1161>
 - E.g., what interoperability is supported by product version for a given vendor
- Connectathon results
 - <http://connectathon-results.ihe-europe.net/>
 - E.g., who has successfully tested as an XDS registry and repository
 - Who has successfully tested clinical content

Coming up Next ...