

The IHE logo consists of the letters 'IHE' in a bold, dark blue, sans-serif font. A vertical line is positioned to the right of the letters, separating them from the tagline.

IHE

Integrating
the Healthcare
Enterprise

A faint, light blue globe is visible in the lower-left corner of the slide, showing the continents of North and South America. The globe is semi-transparent and serves as a background element.

IHE IT Infrastructure (ITI) Domain

Daniel Berezeanu



Integrating
the Healthcare
Enterprise

Today's host



Daniel Berezeanu

Ready Computing

IT Planning co-chair

Technical Committee member

Agenda

What we'll cover:

- IT Infrastructure Overview
 - ITI's families of profiles
 - What's new this year?
- How to participate in IHE
 - IHE International Membership
 - Planning & Technical Committees
- High-level Connectathon overview
- Q&A

Agenda

Not covered today:

- Details about other domains
- How to Participate & Development Cycle
- Details about North American Connectathon 2019 and HIMSS Interoperability Showcase Webinar
- Other webinars are coming! See <http://www.ihe.net/Webinars/>

IT Infrastructure Domain Focus

- **IT Infrastructure concentrates on:**
 - Document Sharing
 - Security and Privacy
 - Provider and Patient Identity Services
 - REST-based exchange
 - Workflow Management
 - Other Infrastructure and whitepapers

Document Sharing

Profiles for sharing documents within a community:

- XDS.b – Cross-Enterprise Document Sharing
- XDR – Cross-Enterprise Reliable Interchange
- XDM – Cross- Enterprise sharing Exchange Media
- XDS-SD – Scanned Documents
- MHD – Mobile access to Health Documents

Profiles for sharing documents between communities:

- XCA – Cross-Community Document Sharing
- XCF – Cross Community Fetch
- XCDR - Cross-Community Document Reliable Interchange

Document Sharing

Enhancements for document sharing:

- MPQ – Multi-patient Query
- DSUB – Document Metadata Subscription
- Delayed Document Assembly
- Metadata Update

NEW for 2018 - 2019

- Restricted Metadata Update (RMU) Profile
- Asynchronous AS4 Option

New Technical Framework Supplements:

- Document Sharing Metadata Handbook

Security & Privacy

- ATNA – Audit Trail and Node Authentication
- BPPC – Basic Patient Privacy Consents
- XUA – Cross-Enterprise User Assertion
- EUA – Enterprise User Authentication
- DEN – Document Encryption
- SeR - Secure Retrieve
- DSG – Document Digital Signature

Still New from 2017

APPC – Advanced Patient Privacy Consent

REST-based Exchange

- IUA – Internet User Authorization
- RID – Retrieve Information for Display

HL7 FHIR® DSTU3 based:

- PIXm - Patient Identifier Cross-Reference for Mobile
- mACM - Mobile Alert Communication Management
- RESTful query for ATNA
- MHD – Mobile Access to Health Documents
- PDQm – Patient Demographic Query for Mobile

Workflow Management

- XDW – Cross Enterprise Document Workflow
- RFD – Retrieve Form for Data Capture

Other Infrastructure

- CT – Consistent Time (NTP)
- PSA – Patient Synchronized Applications (CCOW)
- SVS – Sharing Value Sets
- Other handbooks & whitepapers available on http://ihe.net/technical_frameworks/#IT

For a quick tutorial on how to read and navigate IHE technical frameworks, watch the first webinar on this page: <https://gazelle.ihe.net/training>

Upcoming Webinars

- How to Participate & Development Cycle
- Document Sharing
- MHD (XDS-on-FHIR)
- mXDE (MHD + QEDm)
- AS4
- Connectathon High Level Overview

ITI is Global

Sponsors:

- Health Information Management Systems Society (HIMSS) www.himss.org
- ASIP Santé- <http://esante.gouv.fr>

Committee participation includes:

- Austria, Belgium, Canada, France, Germany, Italy, Japan, South Africa, United States, Netherlands