

INTEROPERABILITY SERVICES

INTEGRATING THE HEALTHCARE ENTERPRISE (IHE) SOLUTIONS

IHE is an initiative by healthcare professionals and industry to improve the way computer systems in healthcare share information. IHE promotes the coordinated use of established standards such as DICOM and HL7 to address specific clinical need in support of optimal patient care. Systems developed in accordance with IHE communicate with one another better, are easier to implement, and enable care providers to use information more effectively. The IHE Connectathon is a testing event managed by sponsoring organizations. The major goal of the Connectathon is to promote the adoption in commercially available healthcare IT systems of the standards-based interoperability solutions defined by IHE. The Connectathon serves as an industry-wide testing event where participants can test their implementations with those of other vendors.

IHE SERVICES

iLink Systems delivers solutions based on the IHE specifications by representing our clients at the IHE Connectathon and at the IHE Interoperability Showcase. We support our clients prepare for this event using the MESA test tools that has been developed for this purpose. We help remove barriers to integration that would otherwise have to be dealt with on site, at the customer's expense. We enable our customers seeking to upgrade systems towards a reliable way of achieving interoperability.

IHE PROFILES

iLink provides solutions on both the clinical and operational domains. We provide solutions for the below IHE profiles.

Anatomic Pathology
Cardiology
Eye Care
IT Infrastructure
Laboratory
Patient Care Coordination
Patient Care Devices
Radiation Oncology
Radiology

IHE EXPERTISE

iLink specializes on a few profiles within the IT Infrastructure domain.

XDS.b: Cross Enterprise Document Sharing (XDS.b) registers and shares electronic health record documents between healthcare enterprises, ranging from physician offices to clinics to acute care in-patient facilities.

XDS-I: Cross Enterprise Document Sharing for Imaging (XDS-I) facilitates the sharing of Imaging Information across health enterprises. Imaging Information includes sets of DICOM instances, diagnostic reports provided in a ready-for-display form and a selection of diagnostically significant images associated with the report content. XDS-I extends XDS by sharing, locating and accessing DICOM instances from its original local sources, e.g. for radiologists or oncologists.

XCA: The Cross Community Access (XCA) profile supports the means to query and retrieve patient relevant medical data held by other communities. A community is defined as a coupling of facilities/enterprises that have agreed to work together using a common set of policies for the purpose of sharing health information. Facilities/enterprises may host any type of healthcare application such as EHR, PHR, etc.

PCD: Patient Care Devices (PCD) profile addresses the integration of medical devices into the healthcare enterprise, from the point-of-care to the EHR, potentially resulting in significant improvements in patient safety and quality of care.

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