

Interlinx Platform products and services

► Foreign Exam Management (Image Aware)

- Study descriptions from the ORM are mapped to a relevant body part using ML, and a search is performed on the source(s) of the prefetch for the patient.
- Study descriptions from the exams returned are mapped to a body part using ML, and exams with a study description deemed irrelevant based on configured rules are excluded.
- A search is performed on the destination to ensure the prefetch studies do not exist.
- Studies are modified to include the local MRN, procedure code / description for the ingesting site to ensure the exam looks and feels like a local exam

► Master Patient Index (Patient Aware)

- Interlinx Master Patient Index uses all the information sent to Interlinx via DICOM, HL7, FHIR and Rest services; the Interlinx Patient ML matches patients based on demographics and identifiers. This allows users to search for a patient by the local identifier and receive results associated with all other known identifiers.
- Interlinx MPI is entirely IHE PIX / PDQ compliant, with full support for HL7 v2, v3, FHIR and REST. This allows Interlinx to act as a Manager or Consumer based on need.

► XDS

- Interlinx can be configured as an XDS Registry, Repository or Consumer. Along with IHE compliant interfaces for ITI and RAD messages Interlinx offers the ability to transform DICOM DIMSE and DICOM-RS into ITI / RAD calls.

► Report Repository

- Interlinx ensures that where images go, reports follow – regardless of the required format. In addition, the Interlinx report repository allows radiology reports to be stored, queried and forwarded from any facility with support for HL7, FHIR, and REST complete services using customizable templates to ensure compliance with the IHE IDEP profile.

► Terminology Registry (AI)

- When ingesting foreign study most PACS require the study to have a known procedure code / description. Interlinx uses AI to ensure all studies are mapped and transformed to include either a local known code / description for the ingesting site or alternatively mapping to a standard catalogue like RDALEX / LOINC. This ensures studies are ingested without exceptions.

► **Image Migration**

- Interlinx migration tool allows us to perform large scale migrations while modifying data as required. The tool also allows for comparison between systems and indexing of external systems to build XDS document registries.