

DCMSYS IHE Gateway is a collection of architectural components, which integrates into new and/or existing systems to provide Cross-Enterprise Document Sharing for any clinical setting.

DCMSYS IHE Gateway

- Integrates between XDS-I IHE compatible devices and obsolete devices without IHE ability
- Acts as Image Document Source (IDS) and Image Document Consumer (IDC)
- Provides support for document-based patient EHR
- Provides support for document storage within existing product
- Supports query and retrieval of patient documents
- Creates scalable architecture

DCMSYS IHE Gateway IDS receives clinical information through DICOM, HL7 and FHIR protocols, then automatically generates and published metadata to a defined XDS-I repository. It can support access (DICOM AE/RDS/WADO) to published information for external XDS-I consumers.

DCMSYS IHE Gateway IDC provides search and access to documents saved in XDS environment. Client can send DICOM C-FIND (search) request to DCMSYS IHE gateway. DCMSYS transforms it to XDS-I request and then forwards to Document Registry. It also supports access to patient data by transforming request C-GET/C-MOVE.

