



C-DAC's Medical Informatics Software Development Kit (SDK) for DICOM PS3.0-2015 is an implementation of Digital Imaging and Communications in Medicine (DICOM) PS3.0-2015.

The SDK is a Free and open-source software (FOSS) which facilitates incorporation of NEMA's DICOM PS3.0-2015 in healthcare applications.

The API library can also be used by Medical device manufacturers for making their medical device medical standards compliant.

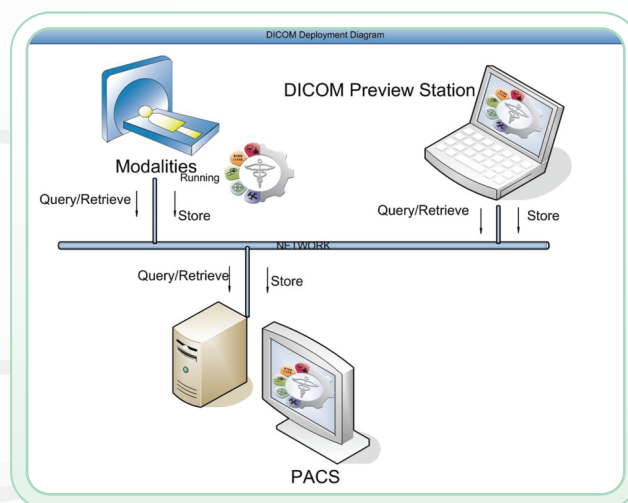
Advantages

- SDK is licensed under Apache License v2.0 (Open Source License) that makes it free for both personal / commercial use.
- SDK allows building Service Class User (SCU) and Service Class Provider (SCP) components for all standard defined modalities
- Integrates with Rapid Application Development Tools so programmer can continue using IDE of choice
- Apart from standard deployable packages, custom packaging allows to target specific memory, storage, and cost requirements
- Layered API packaging approach makes it possible to target currently needed DICOM capabilities and enhance / extend later
- Cost effective complete implementation of the standard provides high Return-On-Investment
- Suitable for both DICOM expert and general object-oriented programmer
- Start early with SDK using variety of samples, test codes, documentation available with the toolkit
- Designed to easily deliver and update revisions to standard

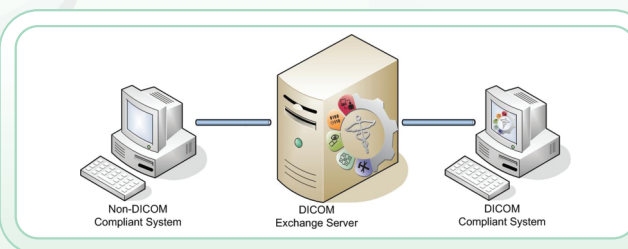
C-DAC's Medical Informatics Software Development Kit is a suite of API libraries & toolkit that provides medical standards compliance to the implementing applications/medical devices

Digital Imaging and Communications in Medicine (DICOM) is a comprehensive set of standards for handling, storing, printing and transmitting information in medical imaging proposed by National Electrical Manufacturers Association (NEMA) (www.nema.org)

Usage Scenario



Data Exchange Scenario



Architecture

