

CHARRUAPACS

DICOM Server and WEB image distribution

Version 6.24

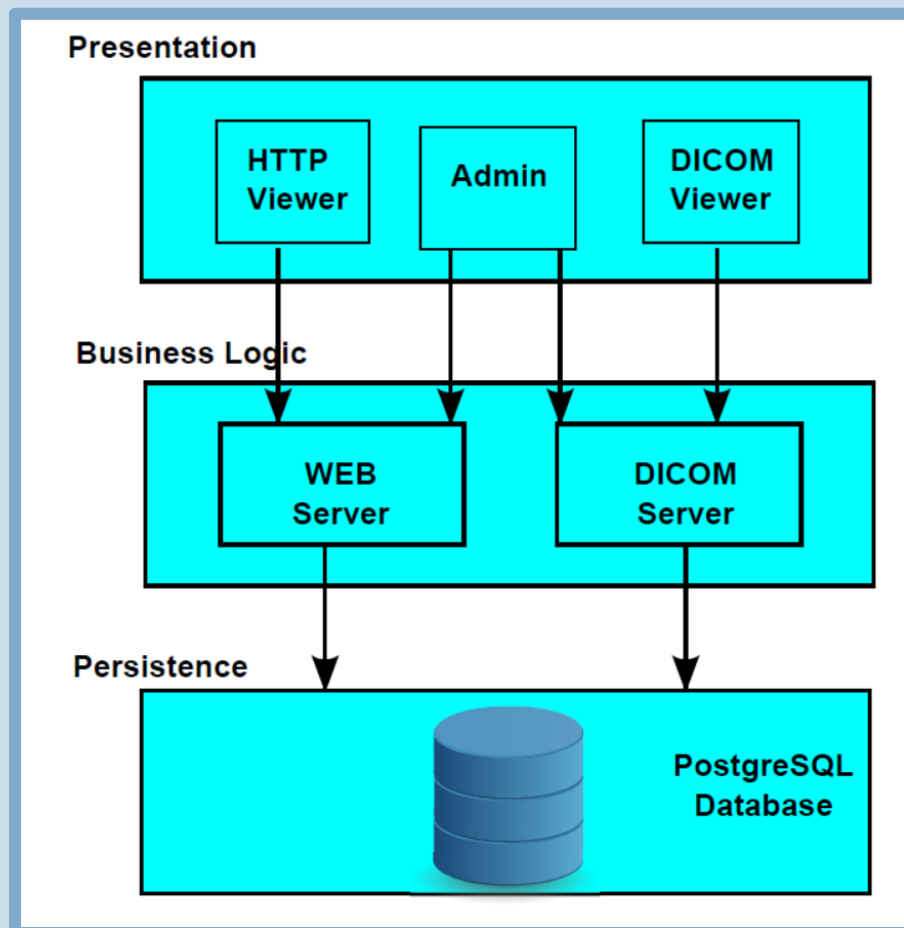
DICOM SERVICES

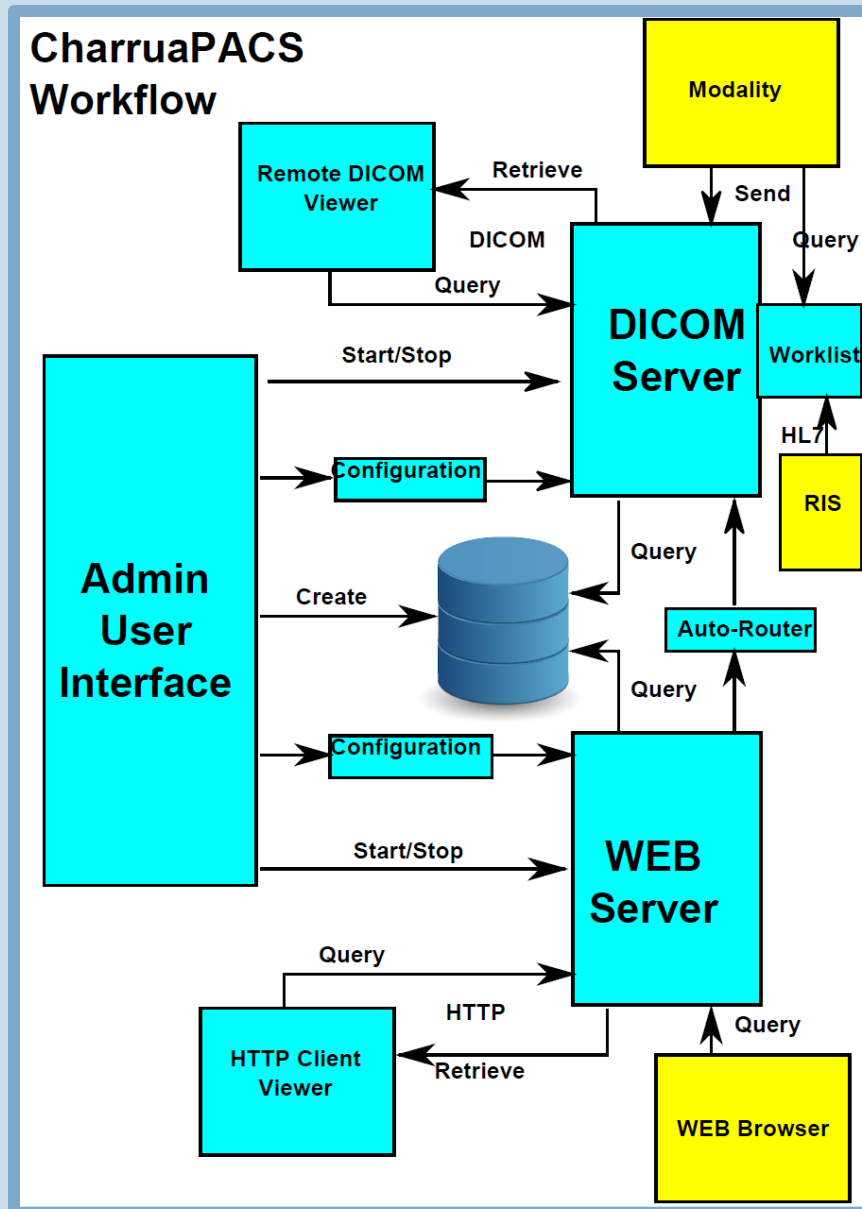
CharruaPACS is a simple to install and maintain PACS server. It supports DICOM C-STORE SCP for most used SOP classes, with uncompressed Transfer Syntax and JPEG lossless, JPEG lossy and JPEG 2000 Transfer Syntaxes, C-FIND and C-MOVE SCP Study Root model and C-ECHO Verification as SCP. It has a Modality Worklist server that receives HL7 messages for scheduling studies.

The initial configuration is set with the Admin application. Once configured the DICOM Server and the WEB Server will run as a Windows Service.

Images can be distributed using the WEB Server HTML 5 DICOM Viewer or a standalone HTTP Client application.

CharruaPACS System has FDA 510k clearance.

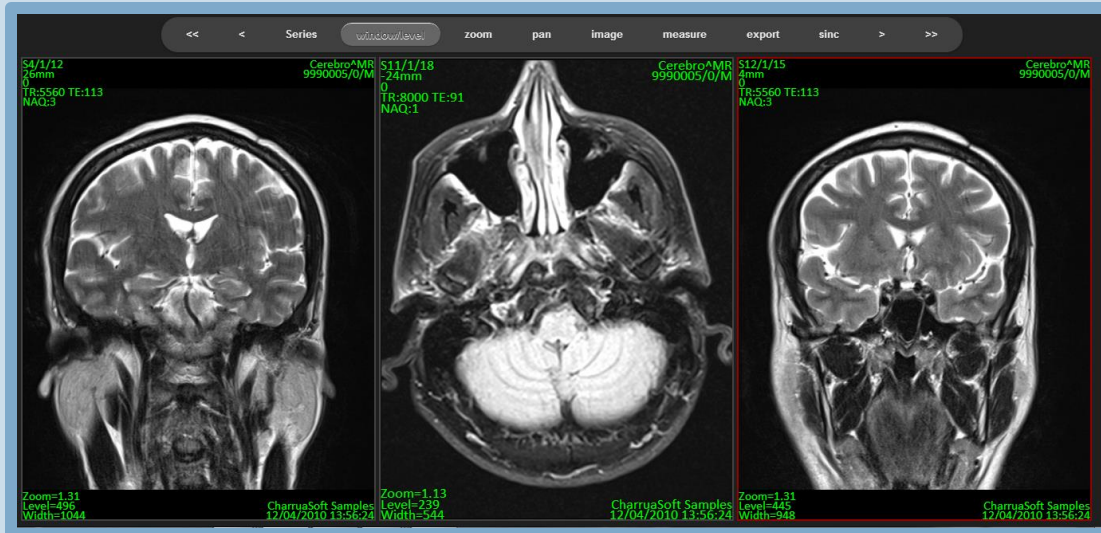




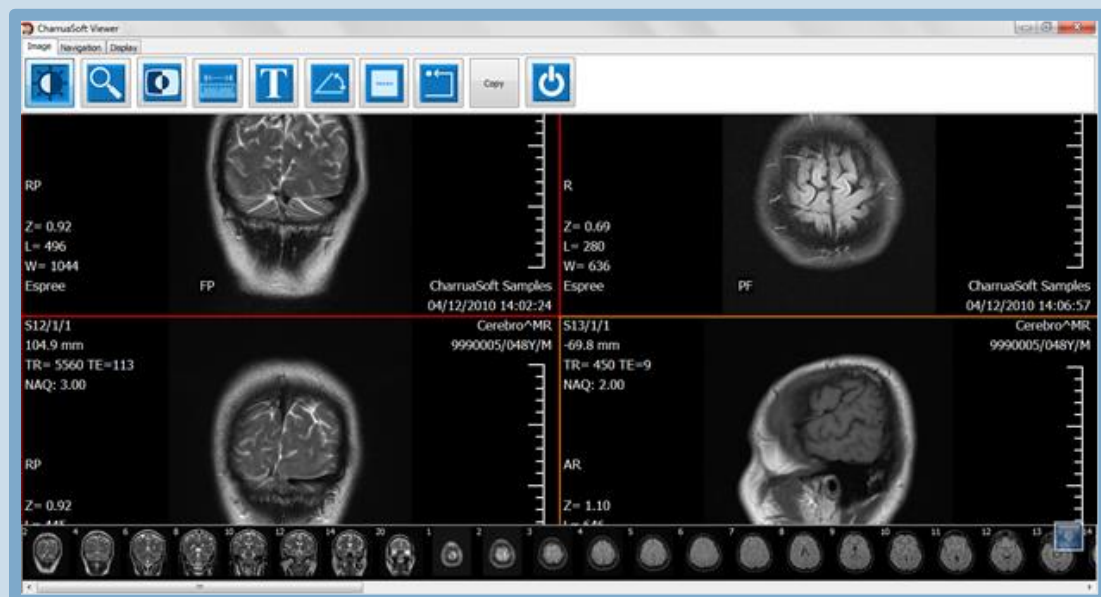
CharruaPACS Workflow Diagram.

Features:

- DICOM Server with Query/Retrieve, Store, Modality Worklist and Verification.
- HL7 Server.
- Auto-forwarding with rules.
- WADO Support for DICOM and JPEG images.
- Unlimited number of users.
- Unlimited DICOM nodes.
- Roles based user functionality.
- Automatic backup.
- Up to 75.000 studies.



HTML 5 Zero Footprint Viewer



HTTP Client – Standalone DICOM Viewer

System Requirements:

The minimum configuration for the computer server is:

- 4 GBytes RAM.
- 500 GBytes HDD in RAID configuration.
- 100 MBps Network Card.
- INTEL i5 Processor or superior.
- Windows 7, Windows 8 or Windows Server 2012
- PostgreSQL database server.

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