

FDA 510(K) CLEARED | VISTA COMPATIBLE

The EDGE

PACS server
Ver 2.1



The Edge PACS' DICOM compliant system is designed to integrate with DICOM modalities and connect to non - DICOM modalities through a DICOM converter. Its routing component provides an intelligent rule based system to route patient studies to other DICOM devices in multiple modalities.

The Edge PACS server supports clustered server architecture. Its robust scalable architecture supports most of the DICOM 3.0 functions and operates on Windows platform.



Designed by the people who are the most widely-recognised radiology solutions providers in the Asia-Pacific region, the Edge has obtained US FDA 510 (k) clearance for **the Edge PACS Server 2.1**. Here, we discover how your radiology department can transform itself.



DICOM SERVICES:

- Supports the following classes – C-Find, C-Move, C-Get, C-Echo and C-Store

DATA MANAGEMENT:

- Auto calculate total study size on disk for easy archival purposes.
- Allow administrator to delete studies.
- Query based on search parameters like Name, ID, study range, modality, etc.
- Import DICOM files directly to the archive.
- Send selected study/series to remote node. **New!!**
- Edit patient/study details. **New!!**
- Split a study/series. **New!!**
- Merge studies/series. **New!!**

STORAGE MANAGEMENT:

- Set the location where the DICOM images need to be stored – Local hard drive, DAS, NAS, SAN, etc.
- Create multiple storage volume for data management.
- Facility to set modality based compression settings. **New!!**

ARCHIVE MANAGEMENT:

- Archive/backup online data to external media like CD/DVD
- Schedule backup (archive and database). **New!!**
- Restore archived studies.
- Colour Code display of Archived Patient Information. **New!!**

WEB VIEWER SETTINGS: **New!!**

- Configure AE Title and port for the Web Viewer.
- Displays all the active sessions.
- Kill session option.

DICOM ROUTER FUNCTIONS:

- Facility to route studies to different nodes based on pre-defined rules.
- Create rule condition for routing images based on AE title, IP address, modality, DICOM attribute, weekday and time of the day.
- Provides an intelligent rule – based system to route studies to other DICOM complaint devices **New!!**

DICOM DEVICES MANAGER:

- Support all DICOM modalities including CR, DR, CT, MR, Ultrasound, Mammography, Nuclear Medicine, etc. and DICOM converters for non-DICOM modalities and images.
- Flexible licensing.

USER ADMINISTRATION:

- Add/manage multiple users who can access the server from viewing stations across the network with username and password using web viewer.
- Define the role of each user as admin, radiology viewer and physician viewer with different access rights.
- Backup of Configuration settings. **New!!**
- Housekeeping module. **New!!**

SECURITY FEATURES:

- Set password for the administration module.

MISCELLANEOUS FUNCTIONS:

- Backup of configurations settings.
- Housekeeping module.
- Set password for the administration module.

MINIMUM HARD WARE REQUIREMENTS*:

Pentium IV 2 Ghz | 2 GB RAM (or more) | Network adapter
2GB of free Hard Disk space for software installation | CD/DVD RW Drive

OPERATING SYSTEM REQUIREMENTS:

Windows XP Professional SP2 or Windows Vista or 2003 Server

*The above configuration may change based on user specifications

ASHVA TECHNOLOGIES PVT. LTD.
#15 ARK Colony, 'Urmilla House' -
1st Floor, Eldams Road, Alwarpet,
Chennai - 18, India.
Ph: 91-44-4208 8867 / 76.
Fax: 91-44-4208 8897

ASHVA TECHNOLOGIES LTD.
505 Hwy 169 N, Waterford Park,
Suite 300, Plymouth, MN 55441,
U.S.A
Tel: 763 746 9223
Fax: 763 746 9224

ASHVA TECHNOLOGIES.
Sdn. Bhd. (742382-M) No. 104 A,
Jalan SS 24/2, Taman Megah,
47301 Petaling Jaya, Selangor
Darul Ehsan, Malaysia.
H/P: (6017) 2340805

