

# PowerPACS<sup>®</sup> Archive Server



The PowerPACS Archive Server is a DICOM image management system for archiving, routing, retrieving and managing medical images and related patient data.



## Advantages

- Prevent lost films
- Lower image management cost
- Free-up more physical space
- Reduce staffing needs
- Distribute images faster
- Increase staff productivity
- Enhance service to physicians

## Features

- Complete DICOM support
- Access data from anywhere
- Tracks & pre-fetches images
- User account management
- Automated data management
- Infinite storage capacity
- Scalable to your needs
- Online, Nearline & Offline storage
- Optical, WORM, CD/DVD & Tape
- NT architecture & SQL database
- Supports most modalities, e.g. CR, DR, CT, RG, NM, MR & US etc.
- Storage commitment
- Performance & resource monitoring
- DICOM network access control



The PowerPACS Archive Server is a crucial component of a PACS solution because it is the central repository for DICOM images and related medical information. PowerPACS Archive Server can store, manage and retrieve millions of images - virtually eliminating the problems and expenses associated with traditional film and other forms of modality output by protecting against film loss or damage.

PowerPACS Archive Server is fully scalable with infinite storage capabilities and can acquire images and patient records directly from modalities, film digitizers, displays, attached media, and anything in the RIS. It also automatically forwards patient data and pre-fetches images to anywhere in the DICOM network. Users can access images and data quickly and efficiently from the workstation, RIS or from the Web. The PowerPACS Archive Server is designed to function in the background of normal department operations and requires negligible user interaction.

Whether you are a small growing clinic or a large multi-center healthcare facility, PowerPACS Archive Server enables fast reliable access to images and data whenever you need it, from wherever you are.

# PowerPACS<sup>®</sup> Archive Server



## For 5 Concurrent Users Licenses or less

### Control Center Specifications

Workstation: Dell PowerEdge Server Tower with minimum system of Dual Intel Xeon Processors  
32.4GHz/512K, 512 MB RAM, 3 (2) 36GB 10K RPM SCSI Hard Drives RAID1 for Applications,  
3.5" Floppy Diskette Drive, 324x CD ROM, Onboard Network Interface Card, Redundant  
Power Supply, 3650V UPS

Storage: 500 GB -1 TB RAID 5 DAS, NAS

### Software Specifications

Operating System: Windows 2000 Small Business Server.

Application Software: RADinfo Systems PowerPACS DICOM Archive Server Software v1.x  
Symantec AntiVirus Corporate Edition v8.1  
Microsoft SQL Server 2000 Standard Edition.

## For 15 Concurrent Users Licenses or less

### Control Center Specifications

Workstation: Dell PowerEdge Server Tower with minimum system of Dual Intel Xeon Processors  
32.4GHz/512K, 1 GB RAM, 3 (2) 36GB 10K RPM SCSI Hard Drives RAID1 for Applications,  
3.5" Floppy Diskette Drive, 324x CD ROM, Onboard Network Interface Card, Redundant  
Power Supply, 3650V UPS.

Storage: 1-5 TB RAID 5 NAS or SAN.

### Software Specifications

Operating System: Windows 2000 Small Business Server.

Application Software: RADinfo Systems PowerPACS DICOM Archive Server Software v1.x  
Symantec AntiVirus Corporate Edition v8.1  
Microsoft SQL Server 2000 Standard Edition.

## For 50 Concurrent Users Licenses or less

### Control Center Specifications

Workstation: Dell PowerEdge Server Tower with minimum system of Dual Intel Xeon Processors  
32.4GHz/512K, 1 GB RAM, 3 (2) 73GB 10K RPM SCSI Hard Drives RAID1 for Applications,  
3.5" Floppy Diskette Drive, 324x CD ROM, Onboard Network Interface Card, Redundant  
Power Supply, 3650V UPS.

Storage: 5+ TB RAID 5 NAS or SAN.

### Software Specifications

Operating System: Windows 2000 Small Business Server.

Application Software: RADinfo Systems PowerPACS DICOM Archive Server Software v1.x  
Symantec AntiVirus Corporate Edition v8.1  
Microsoft SQL Server 2000 Standard Edition.

 **All Star X-ray, Inc.**

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