



QStar Partner Solution

RamSoft

Ramsoft Image Management Solution Benefits

- Robust, scalable architecture
- Pleasant to use
- Web based architecture
- Archive management tools
- Remote site auto-routing capability
- Full suite of advanced image analysis/processing tools
- Multi-planar Reformatting of CT/MR/NM/PET images
- Custom Viewing Protocols for physician/radiologist
- Reporting module
- Reports view module
- Unlimited users
- Unlimited workstations
- Full workstation environment on every PC
- DICOM compliant
- HL7 compliant



QStar Storage Management Benefits

- Multi-Tiered Storage Support
- Policy-based automatic migration of reference files to lower-cost storage
- Vastly reduced backup time and disaster recovery time
- Monitors storage capacity and automatically migrates files to prevent reaching critical capacity limits
- Installs easily and quickly with no required server downtime
- Off-line media tracking
- Mirroring of Archive Devices
- Hot Standby
- Load Balancing
- Auto Re-Synchronization if a device goes down

RamSoft and QStar Team up to Provide a Comprehensive Healthcare Records Management Solution

For over a decade RamSoft Inc. has been providing the healthcare community with digital solutions that optimize workflow and streamline operations. RamSoft's line of products, solutions and services is built around your enterprise's needs to grow and prosper. By combining ingenuity, knowledge and experience, RamSoft is dedicated to changing the digital healthcare community for the better.

RamSoft Image Management Solutions are designed to provide your enterprise with a single system that meets all PACS related duties. Designed around the Power Series web-based PACS architecture, all solutions guarantee the highest levels of reliability and scalability. Combined with outstanding conformance to leading industry standards and impeccable customer care, RamSoft Image Management Solutions work for you.

Offered in various configurations, **PowerServer** provides a reliable, fault tolerant, web based approach to PACS. We provide unlimited users and unlimited workstations to encourage referring physicians to use the system.

PowerCache connects to PowerServer and prefetches images and reports. In a multi-site imaging facility, PowerCache is deployed at each site and connects to a central PowerServer. With PowerCache, users no longer have to wait for images and reports to download.

Gateway is a versatile software package that can be a universal input device, a DICOM router, a DICOM workstation, and a DICOM archive. Gateway is the ideal solution to connect to PowerServer or to any DICOM PACS.

QStar Data Management Software

With QStar Data Data Management Software users can take advantage of our powerful data migration and file caching engine to manage large volumes of image archive data on single or multiple volumes within a storage library. QStar gives archive hardware the appearance of a standard magnetic disk. In this way, access to the data stored in the archive volumes is entirely transparent to users and their applications, allowing the modality to connect and manage all image stores at blazing speed. Even off-line removable media volumes may be managed, as our entire file system index is cached online.

QStar supports a wide range of archive hardware including, hard disk RAID, LTO, SDLT tape, and Ultra Density Optical (UDO), Blu-ray disk and Holographic storage technology. This range of storage support provides users the ability to manage data in an open systems environment and the ability to migrate data to storage systems that best fit their business criteria.

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Ramsoft Image Management Solution Key Features

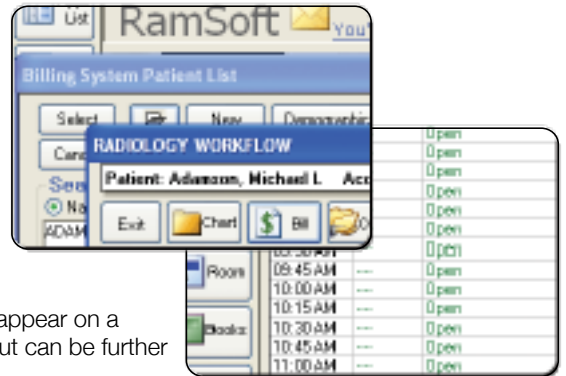
Workflow

Studies are tracked from start to finish according to status. Required processes and status names are custom configured for each facility, ensuring a smooth transition to PACS. Studies are automatically prefetched from archives and routed to destinations across the network or over the Internet.

Worklist

The flexibility of our real-time PowerWorklist is unmatched. Color coded by status, PowerWorklist can be configured by user and role.

A neuroradiologist can have a worklist that only selects unread head studies. A pediatric radiologist will get studies of patients under eighteen years of age. All other studies can appear on a general radiologist worklist. These worklists are configured by the PACS administrator, but can be further customized by each user.



Caching

Current and prior studies are prefetched to each site or workstation. As images are manipulated and demographic information is corrected, workstations automatically receive new information, prior to displaying images. This patent pending technology ensures that large image datasets are downloaded only once, even if significant changes are made by the technologist after acquisition.

Viewing Protocols

Flexible viewing protocols allow images to be displayed according to each user's preferred layout for each modality and body part. A new protocol is created by dragging and dropping images as desired, then naming the protocol. Protocols may be changed on the fly by selecting a new protocol from a dropdown list.

Clinical Tools

A full suite of clinical tools are provided in order for physicians to manipulate images. Innovative techniques deliver the industry's best image quality by allowing real-time window and level as well as unsharp mask enhancements even on large x-ray images.

Reporting

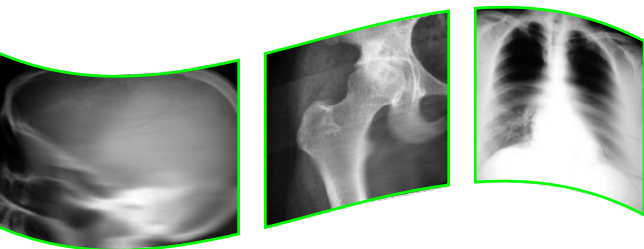
The system includes a digital dictation module so that physicians can dictate reports and have them transcribed into formatted Microsoft Word reports. Using Dragon NaturallySpeaking, physicians can automatically transcribe reports in seconds using speech recognition.

Automatic Configuration

Workstation client PCs are automatically configured and updated by the server. The software detects the number and type of monitors as well as the bandwidth between the client and server to optimize software performance.

Storage System Support

RamSoft Image Management Solution integrates seamlessly with QStar to provide support for hard disk RAID, LTO, SDLT tape, and Ultra Density Optical (UDO), Blu-ray disk and Holographic storage technology



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