

PACStacks iCAS UNO Key Features

- * Industry's first fully integrated archiving, routing and disc burning solution
- * Powered by a proven intelligent grid-based iCAS software for solutions that adapt as business needs change
- * DICOM compliant
- * Automates HIPAA data retention compliance
- * Simplified administration with web-based management
- * Eliminates mistakes and reduces costs through rules-based automation
- * Modular architecture ensures investment protection
- * Ensures data integrity with end-to-end verification



PACStacks iCAS UNO



Unified Image Archiving, Routing and Disc Publishing Solution

PACStacks iCAS UNO is the first fully integrated intelligent, DICOM compliant digital image archiving, routing and disc publishing solution. The all-in-one PACStacks iCAS UNO simply and economically stores, retrieves, manages and electronically and physically distributes data files.

PACStacks iCAS UNO Core Components

The UNO solution is the industry's only "all-in-one" appliance incorporating a combination of three powerful SENCOR applications: PACStacks iCAS Storage Archive, PACStacks iCAS Router and the PACStacks iCAS Disc Burner.

While each of these applications may be purchased as an individual, dedicated PACStacks products, the PACStacks iCAS UNO uniquely combines all three to provide the industry's first fully integrated imaging storage and distribution product.

www.sstgroup-inc.com
800-944-6281

PACStacks iCAS UNO embedded applications

PACStacks iCAS UNO's Storage Archive

The PACStacks iCAS Medical Archive is a DICOM compliant device that simplifies storing, protecting, and retrieving patient images.

Key features of the archive capabilities of the PACStacks iCAS UNO are:

- Modular, grid storage architecture provides the flexibility to buy what is needed today and scale over time.
- DICOM compliance ensures compatibility with the widest range of capture modalities from a variety of different vendors. Lossless DICOM compression is supported.
- Web interface provides simple configuration and monitoring and is accessible via any web-enabled operating system.
- Advanced data protection features including multiple image copies, end-to-end verification of DICOM data between archive nodes and hardware RAID.
- Self-healing architecture ensures that any corrupted data is detected and replaced with a non-corrupt secondary copy.
- High availability is provided through the grid architecture as well as the Automated Fail-over option that is unique to SENCOR.



PACStacks UNO's Router

The PACStacks Router is a scalable, flexible, persistent store and forward DICOM Router that automates the distribution of DICOM studies to patients and referring physicians, both on-site and off-site.

Key features of the router in the PACStacks iCAS UNO are:

- Highly configurable, rules-based routing for within and outside a facility. Delivery instructions can be changed by date, time, location, etc.
- Multi-threaded architecture allows simultaneous transmission of different images to multiple locations ensuring optimum performance.
- Security with encryption and multiple levels of compression.
- Guaranteed delivery of exact DICOM information between SENCOR DICOM nodes via multiple data integrity checks and verified delivery and continuous retries.
- Connection pooling supported.
- Simple, password-protected web-based management eases configuration, schedule administration and monitoring.

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PACStacks iCAS UNO's Disc Burner

PACStacks disc publishing solutions are uniquely designed to simplify the importing, recording, archiving and distribution of DICOM images and diagnostic results via the creation of CD, DVD or Blu-ray discs.

Key features of the disc burning capabilities of the PACStacks iCAS UNO are:

- Custom labeling including logos, study information, patient demographics or other information required to simplify distribution or storage.
- Simultaneous manual or automated disc creation including batch printing.
- Integrated iCAS archive allows for intelligent management of disc creation.
- Intelligent spanning minimizes "disc shuffle".
- Anonymization of discs to ensure patient confidentiality for teaching facilities.
- Import station for DICOM Part 10 discs.
- Free DICOM lite viewers included on discs.
- Multi-unit robot support with automated load balancing and fail-over guarantees high performance and high availability at an economical cost.
- Complete audit trails generated.



PACStacks iCAS UNO 100 Models

PUA-15100-1 PACStacks iCAS UNO

Tower server includes dual core processor, 2GB DRAM, 4x250GB (RAID5)
Archive capacity 12,000 50MB studies. Includes Primera Bravo II CD and/or
DVD Auto Printer. (1 year warranty included)

PUA-15100-2 PACStacks iCAS UNO

Tower server includes dual core processor, 2GB DRAM, 4x500GB (RAID5)
Archive capacity 25,000 50MB studies.
Includes Primera Bravo II CD or DVD Auto Printer.



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