



AW VolumeShare 7

Improved department productivity.
Increased diagnostic confidence.
Reduced operating costs.
And that's just the beginning...



Today's diagnostic imaging technology provides an amazing breadth of information in a wide variety of ways. However, analyzing it, compiling what's relevant, and reporting your findings can put a serious crimp in your workflow, causing your operating costs to soar, and possibly even affecting your diagnostic confidence. AW VolumeShare 7 offers an elegant solution to your workflow challenges.

Overview

AW VolumeShare 7 is a multi-modality image review, comparison, and processing workstation with simplicity and power at its core. This workstation features 64-bit technology that allows processing of today's increased slice count studies. With significant improvements in workflow processes and clinical features that will increase your productivity, AW VolumeShare 7 can elevate your practice to a whole new level.

Highlights

- Contemporary, simplified 2D Viewer user interface is harmonized with new Volume Viewer application. New hardware and operating system with expanded memory.
- Supports new applications in CT and Vascular specialties.
- The Postfetch tool retrieves historical exams for comparison.
- Preference Sharing enables exchange of settings and protocols among users.
- The Key Images feature allows you to flag images and create key objects.
- Usage monitoring dashboard tracks and displays exportable analytics per application.



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Features

- Simple drag and drop action for networking, media interchange, and filming.
- Multi-tasking capabilities.
- Active directory integration allows enterprise level user authentication. Directories supported include Microsoft® Active Directory (MSAD) and other LDAP authentication services
- Patient list to manage images from local workstation or remote systems.
- Postfetch feature, designed to optimize your reading workflow by automatically gathering a patient's prior exams according to your pre-set criteria.
- Connectivity with RIS
- Support for Key Images.
- End Review automates routine filming and networking tasks with just one click.
- Search Advantage for fast and easy search of a patient's exam history on PACS or any other DICOM-compliant device.
- Enhanced Quick Filters of the Patient List filters studies by Modality, Date, End Review status or Exam Description.
- DICOM CD/DVD/USB Creation Tool.
- High-performance database management system.
- 2D Viewer for image display, manipulation, annotation, review.
- Integrated Filmer with enhanced flexibility to perform all filming and data exporting tasks.
- Access to a wide variety of applications for greater diagnostic flexibility.

Industry Standards

AW VolumeShare 7 complies with a wide variety of industry standards to facilitate adoption of features and performance improvements as the computing and medical imaging industry evolves.

Computer Industry Standards for Workstation Class Products:

- POSIX (1003.1, 1003.2, 1003.4)
- ANSI C / ANSI Draft Standard C++ / JAVA

DICOM Conformance Standards:

- DICOM 3.0 Storage Service Class for RT, CT, MR, CR, X-ray (Angio and R&F), Digital X-ray (DX), MG, NM, PET, U/S, Secondary Capture, Secondary Capture Color DICOM Image Objects. (Service Class User (SCU) for image send and Service Class Provider (SCP) for image receive).
- DICOM 3.0 Query/Retrieve Service Class (SCU and SCP).
- DICOM 3.0 Storage Commitment Service Class (SCU).
- DICOM Print (Color and B&W).
- DICOM Media Interchange (CD-R, DVD+R(W)).

Filming Protocols

- DICOM Print (Color and B&W) and Adobe Postscript (Color and B&W) for supported printers.

Indications for Use

AW VolumeShare 7 is a review workstation, which allows easy selection, review, processing and filming of multi-modality DICOM images from a variety of diagnostic imaging systems. When interpreted by a trained physician, filmed or displayed images on the AW monitor may be used as a basis for diagnosis, except in the case of mammography images.

Safety Standards

- UL1950, CSA 950, IEC/EN 60601-1-2:2007, IEC 60950- A12:201
- IEC 60950-1:2005/A1:2009,
- EN 60950-1:2006+A11:2009 +A1:2010+A12:2011,
- UL 60950-1, CSA C22.2 NO 60950-1-07-CAN/CSA C22.2 NO 60950-1-07-CAN/CSA
- EN 980:2008 - Symbols for use in the labeling of medical devices
- EN 1041:2008 - Information supplied by the manufacturer with medical devices
- ISO 14971:2007 / EN ISO 14971:2012 - Medical devices - Application of risk management to medical devices
- IEC / EN 60601-1-6:2010 - Medical electrical equipment
- IEC 62304:2006 / EN 62304:2006 + AC:2008



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