



AW Server 3.2

Powering advanced applications across the healthcare enterprise

Continuous improvement in image acquisition capabilities are rapidly expanding your everyday clinical practice and providing new ways to improve patient care. As a result, a solution for manipulating and distributing access to volumetric images becomes as important as the acquisition modalities themselves.

AW Server is your platform supporting a broad portfolio of efficient and automated workflows that allow you to manage your time, equipment resources and costs while enhancing your team's ability to collaborate and provide diagnoses. The AW Server adds speed, efficiency, and diagnostic flexibility to your workflow. Its applications portfolio helps boost your diagnostic confidence as you analyze and evaluate exams from angiography to X-ray and almost everything in between. With its novel, easy to use, intuitive interfaces and reporting flexibility, the AW Server streamlines your workflow and helps make your entire department more productive.

Overview

AW Server 3.2 introduces an extensive portfolio of advanced applications that is virtualization-ready. With a local cache receiving DICOM from your modalities and priors from your PACS, this streamlined advanced visualization workflow engine enables rapid preparation and communication of 3D results throughout the enterprise with access to innovative AW applications.

What's new

- Simplified user experience with powerful support for advanced applications workflows.
- Virtualization-ready platform provides enterprise-wide access to advanced processing applications.
- Support for dual monitors expands screen space to hang more views.
- New hardware supports expanded number of slices for concurrent users
- PACS integration interface to streamline advanced visualization workflow for improved productivity.
- Designed with VolumeShare 7, a multi-modality advanced visualization workflow solution that helps to enhance diagnostic confidence and productivity



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Features

- Choice of desk-side tower, IT-friendly rack mount chassis or virtualized deployment on VMWare® environment
- Receives DICOM® images from modalities and PACS
- Patient list for management of images on server cache.
- Advantage Search 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.
- Offers pre-processing for automation and acceleration of workflows
- Powers advanced visualization and image processing applications
- Delivers diagnostic quality client software to PC and MAC®¹ clients and specific GE Healthcare CT consoles
- Dual monitor client support for symmetric displays²
- 2D Viewer for image display, manipulation, annotation, review.
- Integrated Filmer with enhanced flexibility to perform filming and data exporting tasks.
- End Review automates routine filming and networking tasks with just one click.
- Supports Saved State selection
- Provides common tools by 2D and 3D applications, e.g. Window/Level, Zoom, Pan, Distance measurement, 2D ROI selection²
- Supports core AW Volume Viewer³

software

- Supports Advanced Applications² for automated post-processing, vessel analysis and oncology with streamlined reporting
- Supports IT remote "lights-out" management
- 3rd Party PACS integration supports launching advanced applications directly from the PACS workflow.

Server Requirements

AW Server 3.2 may be purchased as a turnkey solution that includes off-the-shelf enterprise-class server hardware supporting concurrent processing of up to 40,000 slices.

Alternatively, AW Server 3.2 may be purchased for use with existing VMware installations for large enterprises that choose to centralize their infrastructure.

Indication for Use

AW Server is a medical software system that allows multiple users to remotely access AW applications from compatible computers on a network. The system allows networking, selection, processing and filming of multimodality DICOM images. Both the client and server software are only for use with off the shelf hardware technology that meets defined minimum specifications.

The device is not intended for

diagnosis of mammography images. The device is not intended for diagnosis of lossy compressed images. For other images, trained physicians may use the images as a basis for diagnosis upon ensuring that monitor quality, ambient light conditions and image compression ratios are consistent with clinical application.

Notes:

- ¹ Requires purchase of Parallels® 10 and Windows® 7, Windows 8.1 32-bit or 64-bit software.
- ² Maximum resolution recommendations vary based on the network bandwidth and latency; maximum resolution might be limited by the specific clinical applications.
- ³ Requires purchase of appropriate application licenses.



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