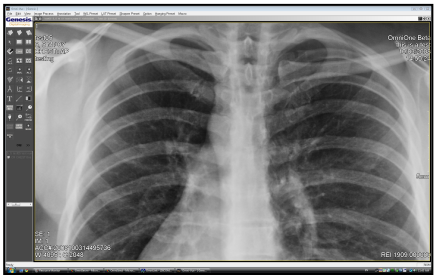
Genesis OmniOne

All-in-One PACS Archive, Web Viewing & Image Transmission

OmniOne is an “All-in-One” PACS system with a full-featured SQL database for secure archiving of all DICOM images. **OmniOne** features diagnostic viewing of digital images on a 24” Widescreen 2.3MP monitor with portrait and landscape orientation, as well as remote viewing over the Web. Images can be sent to off-site locations via the Internet using HIPAA-compliant encryption. **OmniOne**’s reliable hardware has a 3-year on-site warranty.

Image Archiving

OmniOne uses the DICOM Storage SCP to allow images from CR, DR, CT, MR, US, NM and all other DICOM modalities to be received and stored automatically. **OmniOne** utilizes an SQL database for security and scalability. Thanks to an embedded DICOM file compressor, images can be stored as DICOM uncompressed or lossless JPG to maximize storage space. The web-enabled archive also supports multiple **OmniVue® Web** concurrent licenses for secure image viewing over the Internet.



Diagnostic Viewing

OmniOne combines a 24” widescreen diagnostic viewing monitor (portrait and landscape orientation) with full-featured viewing software for complete interpretation of images. **OmniOne**’s unique diagnostic features include Image Stitching, CD / DVD burning, emailing images in 6 formats, DICOM / paper printing and a full compliment of both Medical and Chiropractic annotation toolsets.

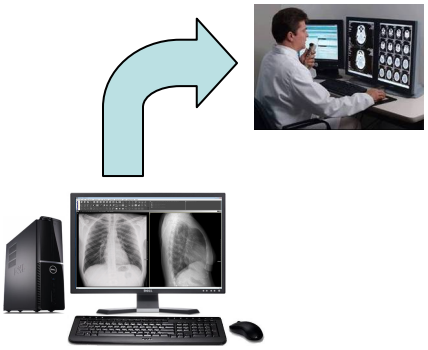


Image Transmission

OmniOne combines the security of a redundant image repository with the convenience of image transmission to an off-site facility for radiology interpretation and disaster recovery. Using the Internet, **OmniOne** applies HIPAA-compliant encryption & decryption to bring full DICOM images to your offsite location. If transmission is broken, **OmniOne** automatically re-establishes connection and resumes transmission at the exact point of disconnect to avoid data loss.

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Reliable Hardware

Every **OmniOne** is pre-tested and pre-configured on a reliable Dell hardware platform. Dual 500GB or 1TB RAID 1 hard drives provide necessary redundancy. Each **OmniOne** is equipped with an uninterruptible power supply to ensure image integrity in case of power failure. 3-year parts and labor warranty for workstation and monitor is included.

Hardware Specifications

- Intel Dual Core Processor
- Dual 500GB or 1TB Hard Drives (RAID 1)
- 3 GB DDR2 RAM
- 24” Monitor 2.3MP (Portrait & Landscape)
- USB Keyboard & Mouse
- CD/DVD Burner Dual Layer DVD+/-R
- Uninterruptible Power Supply
- Microsoft XP Pro Operating System
- 3-Year Computer Warranty Parts & Labor

OmniOne offers redundant archiving and a backup power supply to protect image integrity

Software Specifications

- OmniArchive: DICOM Store & Compress
- OmniArchive: Auto-Routing & Scheduling
- OmniArchive: Scalable SQL Database
- OmniVue® : Diagnostic Annotation Tools
- OmniVue® : Image Stitching & Emailing
- OmniVue® : CD Burning & DVD Archiving
- OmniLink: Transmission via Internet
- OmniLink: Encryption & Decryption
- OmniVue® Web: Remote Image Review

OmniOne is pre-tested and pre-configured with software for a true “plug & play” solution

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Genesis OmniOne

Seamless Integration of Multiple Software Modules Without Feature Compromise In One Central Hardware Environment

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Genesis Digital Imaging, Inc.

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