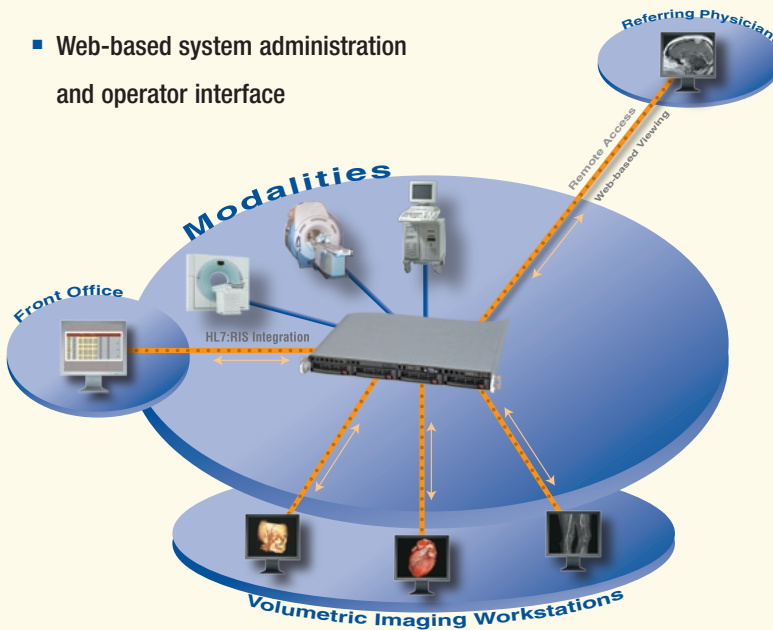


# ImageGrid 700 PACS

## Highlights

- RAID 5 or 6 archiving with initial raw capacity points of 1, 2 or 3 terabytes (TB), easily expandable to an additional 24 TB
- Optional web-based DICOM viewer
- Multiple AE titles on the system for archive partitioning
- Manual and Automated routing: DICOM, ftp, rcp, sftp
- No additional licensing for adding modalities and workstations
- Embedded database with a proven ability to handle 100 million images
- Ability to attach encapsulated user documents (e.g. a PDF report) in DICOM format to the study and archiving
- Automatic rule-based and HIPAA-compliant storage retention
- Automated “pre-fetching” of studies
- Optional Modality Worklist (MWL), Modality Performed Procedure Step (MPPS) and Departmental Scheduling System (DSS) support
- Optional embedded HL7 support for integration with RIS/ HIS
- Integration with Sony AIT tape library as an option for back-up for HIPAA Compliance
- Web-based system administration and operator interface



## ImageGrid™ PACS Appliance

### Breaking Through the Price Barrier

Managing and archiving medical images with CD or DVD-based systems is cumbersome and administratively expensive. The paradigm shift that was needed to significantly lower the cost of PACS has occurred. Introducing the ImageGrid™ 700 PACS Appliance: A fully integrated DICOM Storage and DICOM Application Server, compatible with any DICOM modality and most DICOM viewing workstations.

With the feature-rich ImageGrid 700 PACS Appliance, you can reduce your IT costs while benefiting from many of the features and capabilities that are important to your operations. With ImageGrid 700, managing and archiving data intensive modalities like CR, DR, Ultrasound, MRI has become easier and less costly, allowing imaging centers and clinics to focus on patient care and profitable growth.

### Versatility

ImageGrid PACS Appliance is extremely versatile. ImageGrid 700 has been deployed in:

- Small community hospitals
- Diagnostic imaging centers
- Multi-location practices
- Multi-physician clinics
- Breast imaging centers
- Orthopedic clinics

ImageGrid 700 is about cost-effectively implementing PACS and keeping more studies on-line, for faster access and better patient care.



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## System Features

### Built-in Storage

- DVD reader/writer - for file transfers and backup
- 4-drive RAID 5 or 6 disk array (cold spare recommended) - for primary image storage

### Setup and Configuration

- Complete Web-based user interface for system administration

### Network Connection

- Auto-sensing gigabit network connection
- Supports DHCP, ARP

### Optional Kits & Features

- Web-based DICOM Viewer
- HL7 Support for RIS/HIS Integration
- UPS

### Viewing Software

- Supports any DICOM-compatible viewer CPU
- Intel Pentium® 4 class
- Up to 4GB DDR2 RAM
- 800Mhz front side bus
- 2 MB of level-2 cache

## Specifications

### Storage, Raw Capacity

- 1 TB Raw (750 GB Useable), 2 TB Raw (1.5 TB Useable), and 3 TB Raw (2.25 TB Useable) RAID 5 configurations

### Agency Certifications

- CSA, CSAus, FCC Class A, CE Physical (tower style cabinet)
- Width: 17.2 in (43.7 cm)
- Height: 1.75 in (4.45 cm), 1U
- Depth: 19.9 in (50.55cm)
- Weight: 40 lbs (18.16 kg)

### Power

- Power Rating: 100 - 240 VAC, 50 - 60 Hz, auto-sensing
- Input Current: 5.0A(RMS)/115 VAC, 2.0A(RMS)/230VAC

### Heat Dissipation

- Heat Dissipation: 1470 BTU/hr Operating Environment
- 50°F to 95°F (10°C to 35°C)
- 15% to 80% humidity (non-condensing)
- Altitude: 0 ft to 10,000 ft (0m to 3,048m)

### Non-operating Environment

- 14°F to 140°F (-10°C to 60°C)
- 5% to 90% humidity (non-condensing)
- Altitude: 0 ft to 40,000 ft (0m to 12,192m)



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