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Archiving firms purvey scalable storage offerings

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By: [Erik L. Ridley](#)

Archiving may not be the most glamorous part of a PACS network, but it could be the most critical. And with procedure volumes and image complexity continuing to grow, choosing the right storage setup is more critical than ever.

Fortunately, storage vendors are continuing to develop and release archive configurations that meet a wide range of needs. Customers with low-volume storage requirements will find plenty to like on the show floor at this year's RSNA meeting. Many companies are showing archives designed for imaging centers and small to midsized hospitals, but that can scale appropriately as imaging demands grow.



Disaster recovery is also a major issue with any archive implementation, as exemplified by Hurricane Katrina, which devastated healthcare facilities along the U.S. Gulf Coast. And as always, compliance with HIPAA provisions on data storage looms over everything.

Archiving firms are responding, emphasizing backup capabilities and technology such as replication in their offerings. Just click on the links below to learn more.

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Exhibitor Summaries

[Acuo Technologies](#)

Acuo will make its RSNA debut this year, presenting its AcuoMed/AcuoStore storage architecture. [read more»»](#)

[Bycast](#)

Bycast will present version 5.2 of its StorageGrid software. [read more»»](#)

[Candelis](#)

Candelis will debut ImageGrid 1000, a DICOM server appliance. [read more»»](#)

[Data Distributing](#)

Data Distributing will introduce its D-Essentials line of digital imaging products and services in Chicago. [read more»»](#)

[EMC](#)

EMC will demonstrate a range of new archive products. [read more»»](#)

[GE Healthcare](#)

GE's partnership with EMC will be highlighted. [read more»»](#)

[i3Archive](#)

i3Archive will unveil its National Digital Medical Archive (NDMA) business continuity and disaster recovery service. [read more»»](#)

[IBM](#)

IBM will spotlight its Express Storage Platform for Medical Imaging. [read more»»](#)

[IMCO Technologies](#)

IMCO will introduce MS-CT Store, a storage offering designed to handle multislice studies. [read more»»](#)

[InSiteOne](#)

InSiteOne will debut a data migration service, offered in partnership with DeJarnette Research Systems. [read more»»](#)

[Integrated Modular Systems](#)

Healthcare informatics vendor Integrated Modular Systems (IMSI) of Havertown, PA, will launch its imsiArchive, a newly developed, secure, HIPAA-compliant offsite archiving and data-recovery product. [read more»»](#)

[Network Appliance](#)

Network Appliance will unveil its FAS3000 series of disk-based archives. [read more»»](#)

[ODS Medical](#)

ODS will feature its PACStor image storage system. [read more»»](#)

[Plasmon](#)

Plasmon will unwrap its UDO Archive Appliance, a network-attached data storage system. [read more»»](#)

[Rogan-Delft](#)

Rogan-Delft will tout its OnLine XS archive application. [read more»»](#)

[Sun Microsystems Data Management Group](#)

Sun Microsystems, which acquired StorageTek earlier this year, will discuss its T10000 enterprise tape drive. [read more»»](#)

Candelis

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Candelis will debut ImageGrid 1000, a DICOM server appliance.

Designed for imaging centers, clinics, and medium-sized hospitals, ImageGrid 1000 is a storage and database appliance that moves, routes, and stores DICOM images over a network, according to the Irvine, CA-based firm. It includes automated, rule-based, and secure routing of DICOM images and advanced replication features.



ImageGrid 1000 is a DICOM server appliance.

Candelis said that ImageGrid's embedded PACS capability replaces complex servers and software, eliminating the need for specialized system administration skills and training. It can be installed in minutes and employs dynamic host configuration protocol (DHCP) for interoperability with other DICOM-compliant systems, modalities, and viewing software, according to the firm.

The server appliance can also be employed in conjunction with an existing PACS server. In this type of installation, ImageGrid 1000 can serve as an add-on archiving system as well as a DICOM router, Candelis said.

Other features include a Web-based system administration GUI, self-diagnostic and reporting capabilities with e-mail alerts, and built-in serviceability and redundancy with hot-swap RAID-based disk drives. ImageGrid 1000 is available in two configurations: 3 TB and 6 TB of data storage capacity, with an optional expansion to 38 TB.

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