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SPECIAL FOCUS: STAFFING

## Surveying Trends in Staffing

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# Candelis Inc.

## DICOM-compliant archive appliance

IRVINE, CALIF.-BASED CANDELIS INC. introduces the iMed-Stor™ 300, a dedicated DICOM-compliant archive appliance. iMed-Stor 300 is engineered specifically to provide secure, cost-effective management of digital medical images and studies for standalone imaging operations, including private practices, hospital departments, imaging centers, and multi-physician clinics using a single imaging modality.

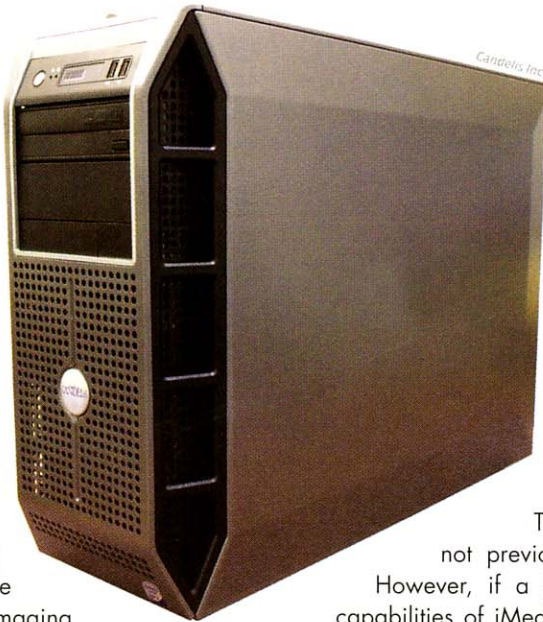
According to Candelis, the iMed-Stor 300 is also a suitable DICOM archive appliance for modality manufacturers to bundle as a value-added solution to their modality line or collectively as a fully integrated digital medical imaging system. Designed to connect to existing networks, the appliance can receive studies from a number of different imaging modalities – including CR, DR, ultrasound, digital mammography, MRI, CT, and PET/CT – reportedly without operational downtime, which allows imaging operations to focus on patient care and growth.

“For practices trying to meet clinical and imaging needs – as well as HIPAA compliance – using dated CD- or DVD-based archiving, the iMed-Stor 300 is the best option for cost-effective, industry-standard, digital image management,” says Mazi Razmjoo, vice president of sales of Candelis.

Created for departmental and stand-alone imaging modalities, iMed-Stor is also fully compliant with DICOM protocols and standards and can work alongside any PACS. Also, an optional Web-based, U.S. FDA 510(k)-cleared DICOM viewer enables diagnostic reading from any location offering a secure Internet connection – whether within the facility or from a home office.

Among other features, iMed-Stor is equipped with RAID 5 archiving with initial points of 1, 2, 3 or 4 terabytes, as well as an embedded database with a DICOM engine for image-archiving and management. While its multiple application entities system titles allows for archive partitioning by multi-physician practices, iMed-Stor also offers manual and automatic DICOM routing, as well as the ability to attach encapsulated user documents, such as PDF reports, in DICOM format to an imaging study. Optional features include HL7 support for integration with emergency medical records (EMR), radiology information systems (RIS) or hospital information systems (HIS), modality worklist and patient registration, and tape drive for data back-up.

“This new appliance will also allow smaller imaging facilities to adopt a full-featured archive solution, which has been price prohibitive until now. At the same time, the iMed-Stor provides HIPAA-compliant archiving, and advanced features such as teleradiology via FDA-cleared diagnostic Web viewer or system integration with existing EMR,



iMed-Stor™ 300 provides secure, cost-effective management of digital medical images and studies from a number of different modalities for standalone imaging operations, including private practices, hospital departments, imaging centers, and multi-physician clinics, using a single imaging modality.

RIS or HIS. Candelis also provides an upgrade path to its ImageGrid™ PACS/RIS Appliance to enable users to manage multiple modalities or advanced workflow operations as their patient needs grow.”

The iMed-Stor provides teleradiology support not previously available to small imaging facilities.

However, if a facility's requirements expand beyond the capabilities of iMed-Stor, purchasers can upgrade to Candelis' ImageGrid PACS/RIS Appliance, which supports multiple modalities or advanced workflow operations. To facilitate this upgrade, the acquisition of either ImageGrid Mammography Web Viewer or ImageGrid Radiology Web Viewer allow the radiologist timely access to studies 24/7.

As both viewing applications are highly scalable and can accommodate multiple concurrent users without the need to invest in additional servers, they enable radiologists to view all relevant prior studies from a single workstation. Furthermore, as thin-client applications, ImageGrid Viewers do not require the installation of additional software on every workstation on the network or a physician's home workstation.

**Candelis Inc.**

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