



FOR IMMEDIATE RELEASE

RSNA Booth (North Building – Hall B: 6962)

Media Contacts:

Sung Choi
XPR, LLC, for Candelis, Inc.
(949) 748-7000 x101
schoi@xpublicrelations.com

Hossein Pourmand
Candelis, Inc.
(949) 798-8109
hossein.pourmand@candelis.com

**Candelis Introduces ImageGrid™ RIS/PACS Appliance
and Expands Capabilities of ImageGrid PACS**

***Enhanced PACS Web Viewers for General Radiology and Mammography,
Web-based RIS Solution with HL7 Standard Support, and DICOM Encapsulation
Provide Complete Digital Image Management to Imaging Centers***

CHICAGO – Nov. 26, 2007 – Candelis, Inc., an Irvine, Calif.-based medical informatics company, today introduced a new suite of Radiology Information Systems/Picture Archiving and Communication System (RIS/PACS) technology capabilities to meet increasing demand for comprehensive, cost-effective digital image management solutions.

Engineered to expand RIS/PACS capabilities of the ImageGrid™, Candelis' line of Digital Imaging and Communications in Medicine (DICOM) industry-standard PACS appliances, the new technology suite encompasses an enhanced **ImageGrid™ PACS Web Viewer***, a Web-based diagnostic viewer for general radiology applications; **ImageGrid™ PACS Mammography Web Viewer*** for mammography-specific diagnostic study reading; **ImageGrid™ RIS**, a Web-based RIS solution with Health Level 7 (HL7) medical industry standard support to streamline imaging center workflow; and the new **ImageGrid™ DICOM Encapsulation** feature enables imaging centers to operate paperless and more efficiently.

The ImageGrid RIS/PACS appliance will be demonstrated to healthcare professionals at RSNA 2007 in multiple booth locations, including Candelis (North Building – Hall B: 6962), Siemens Medical Solutions (North Building – Hall B: 7713) and Sony Electronics (South Building - Hall A: 2571).

- more -

* Pending FDA clearance

“We have rapidly seen that the appliance architecture for RIS/PACS is a key requirement for customers who are either looking at a first-time implementation or looking to replace an existing RIS/PACS,” said Mazi Razmjoo, vice president of sales, Candelis, Inc. “Candelis’ industry-first appliance architecture has the benefit of providing a cost-effective, fully integrated, and simple to install and operate solution with a significantly lower total cost of ownership. As a disruptive innovation at a highly disruptive price point, ImageGrid RIS/PACS appliance represents a paradigm shift, which dramatically improves the ROI of a RIS/PACS implementation.”

ImageGrid RIS/PACS appliance is now a complete end-to-end digital image management appliance solution that can meet the needs of the most-demanding and yet budget-conscious regional or community hospitals as well as diagnostic imaging centers.

Candelis ImageGrid RIS/PACS Appliance Technology Suite

- **ImageGrid™ PACS Web Viewer (IG WebViewer).** The Web-based DICOM viewer for the ImageGrid PACS appliance promotes remote diagnostic reading of general radiology studies, including CT, MRI and Ultrasound imaging studies. The full-featured Viewer enables radiologists to read studies from any workstation on a Local Area Network, Wide Area Network or remote workstation via a Virtual Private Network.

The ImageGrid PACS Web Viewer offers a wide range of query/retrieve capabilities, including multiple, side-by-side study viewing, fast retrieval of multi-gigabyte studies, accelerated streaming of multi-frame studies, customizable pre-fetching of relevant priors, and advanced layout management (customizable layout and series positioning). Other highlights include image processing and viewing tools, measurement tools, and annotation and presentation states and reference (scout) line handling. Users can view DICOM-encapsulated reports, key images, key image notes and structured reports, as well as export studies and perform DICOM printing.

- **ImageGrid™ PACS Mammography Web Viewer (IG MammoViewer).** The IG MammoViewer enables diagnostic reading of mammography-specific studies. With support for IHE profiles used in mammography, it provides customizable mammography hanging protocols, user-defined mammography report flow, and integration with mammography CAD. With a full range of query/retrieve capabilities, the IG MammoViewer also enables users to view multiple studies side by side, retrieval of large studies quickly, customize the pre-fetching of relevant priors, and take advantage of advanced layout management. Similar to the IG WebViewer, it offers complete image processing and viewing tools, measurement tools, and annotation and presentation states and reference (scout) line handling. Users can view DICOM-encapsulated reports, key images, image notes and structured reports, as well as export studies and perform DICOM printing.

- **ImageGrid™ RIS.** The Web-based RIS solution integrates with the ImageGrid PACS appliance and boasts an advanced scheduling module, dictation and transcription capabilities, TWAIN document scanning protocol, report distribution via fax or e-mail, and Modality Worklist generation to improve imaging center workflow and productivity. The RIS solution is also capable of supporting all stages of radiology workflow through tools for flexible scheduling.

The ImageGrid PACS Appliance also provides interoperability with existing RIS, Health Information Systems (HIS) or Electronic Medical Record (EMR) systems via HL7 Support. This integration is meant to streamline imaging center workflow and increase staff, technologist and radiologist efficiency.

- **ImageGrid™ DICOM Encapsulation.** As a new standard feature for the ImageGrid PACS appliance, the ImageGrid DICOM Encapsulation facilitates non-DICOM file support for paperless imaging operation. Non-DICOM files such as patient charts, reports, lab results and insurance and billing paperwork (in the form of PDFs, TIFFs or MS Excel and Word documents) can be scanned and attached to studies for archiving and easy access. Additionally, any non-DICOM attachment can still be opened in its native format.
- The ImageGrid PACS appliance continues to support the **Sony Electronics Advanced Intelligence Tape (AIT) solution** with the latest **AIT-5 format tape library** integration for data backup and Information Lifecycle Management. Offering four times the archiving capacity of the previous AIT-3 format, the AIT-5 format tape library allows imaging centers to cost effectively back-up data and comply with HIPAA requirements.

In addition, the ImageGrid PACS appliance now supports the Sony Electronics **FilmStation™ Imager**, an advanced dry film imager.

About Candelis, Inc.

Based in Irvine, Calif., Candelis™ is a medical informatics company that develops and markets RIS/PACS appliance for storage, management, distribution and visualization of patient radiological data and medical images. Candelis' *disruptive innovation* has enabled the company to offer its RIS/PACS appliances at *disruptive prices* and consequently has triggered an accelerated adoption cycle that historically has not been experienced in the medical imaging and informatics market. Recently, more than 200 regional/community hospitals and imaging centers have selected Candelis' ImageGrid PACS appliance to address their needs in radiology, mammography, cardiac imaging and PET/CT.

For more information about Candelis and the ImageGrid PACS appliance, please call (800) 800-8600 or visit www.candelis.com.

###