



# Road to RSNA 2008: Healthcare Informatics Preview

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While it's becoming harder to find healthcare facilities that are working without integrated RIS/PACS than with a standalone RIS, one thing is certain -- either acronym represents standard operating procedure today.

In fact, the delineation between diagnostic imaging and information technology has been blurring for several years now, so visitors to the annual RSNA meeting will find software almost as prominent as the big-iron devices that have traditionally held forth at radiology's showcase meeting.

Certainly, radiology's shift to digital imaging from analog/film helped spark the revolution, but broader advances in the information technology industry have also filtered into healthcare. For example, the rise of data mining technology has led to an explosion of digital dashboard applications that enable imaging facilities to track their operations, in some cases in real-time.

Healthcare organizations are looking for easy-to-use, plug-and-play, modular technologies for a quick return on investment. The most attractive products are those that can be interfaced or integrated with any modality or platform, as well as those with open architecture while maintaining data integrity and security.

Some of the buzzwords sprinkled in product descriptions of items for display at RSNA include "customizable," "flexible," and "scalable," as organizations look to grow in volume and expand services.

For a rundown on who's showing what in Chicago in healthcare informatics, click on the links below. If you're looking for pure-play PACS products, visit our [Road to RSNA 2008: PACS Preview](#), and for advanced visualization software, check out the [Road to RSNA 2008: Advanced Visualization Preview](#).



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## Candelis

(Booth 1509) Candelis of Irvine, CA, will demonstrate new features for its ImageGrid RIS, as well as upgrades to its viewing and workstation technology.

New functionality for ImageGrid RIS includes support for multiple procedures to be scheduled simultaneously in multiple facilities using order-based scheduling, comprehensive and detailed patient charting that captures all demographics information and a patient history chart under one form, compatibility with leading transcription pedals and dictaphones that integrate with transcription and radiology workflow, and a customizable system administrator user interface.

The updates also include an authorization feature that captures every field in every form with visibility and editable options, as well as action-enabled customization for every aspect of the system; color-coded and customizable validations of forms and fields; a mammography module added to the RIS that includes mammography tracking, as well as a follow-up letter workflow and tracking; easy-to-manage functional modularity; and printing and patient film tracking capabilities.

As part of its iMed-Stor product, Candelis will offer both AIT3Ex and AIT-5 tape drives that are fully integrated into the iMed-Stor tower chassis, and with the iMed-Stor ILM software module.

In addition, Candelis will introduce its ImageGrid Integrated Radiology and Mammography Workstation, a five-headed thin-client appliance PC specifically designed for radiology and mammography applications.

The ImageGrid technology suite includes the ImageGrid PACS Web Viewer, a Web-based diagnostic viewer for general radiology applications; ImageGrid PACS Mammography Web Viewer for mammography-specific diagnostic study reading; and ImageGrid PACS Referring Physician Viewer designed to accommodate offsite referring physicians via secure Internet connection.

Candelis' ImageGrid RIS/PACS with ImageGrid Integrated Radiology and Mammography Workstation includes RAID 5 archiving with initial raw capacity points of 1.5 to 12.75 terabytes, an embedded database for up to 100 million images, and automatic rule-based and HIPAA-compliant storage.