



RSNA 2008
Personal Learning in the
Global Community

New Products & Services

The following new products and services are offered in the technical exhibit areas. Consult the RSNA Meeting Guide for the booth number and location of each company.

Portable Digital Radiography Detector



Adding the ddRPortable™ panel to Swiss-ray's digital radiography system provides the advantages of a dual-detector room combined with maximum flexibility. With 3.5 lp/mm spatial resolution, this

lightweight detector delivers outstanding diagnostic image quality. The system is far more efficient than CR technology, especially in an emergency room environment and for patients on stretchers or in wheelchairs. With its active image area of 14" x 17" (35 cm x 43 cm) it is large enough for chest and abdominal X-rays.

Dye-Sublimation Printer



Sony introduces the model UP-DR80MD dye-sublimation printer, offering high performance to support today's demanding medical applications in an affordable and compact package. The device connects to any USB device and delivers optimal printing for reports combining text and high-resolution images, as well as other applications. The smallest full-page, medical-grade, dye-sublimation printer on the market today, the UP-DR80MD measures 12.5" x 16.75" x 8.13" and weighs just 25 lbs. An easy-to-use color adjustment enables close matching of print color to screen display. The printer features a high-resolution of 310 dpi, fast print speed and easily accessible front-panel controls.

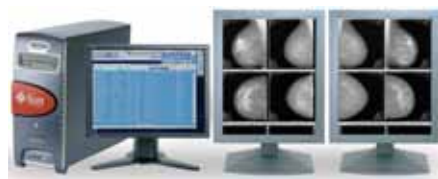
Endoscopic, Surgical Display



The Alphaview LCD™ AVC1D0P by Quest International is a 19", high-brightness, high-contrast LCD display developed for

endoscopic and surgical environments. The AVC1D0P is high-definition ready and supports mirror image functionality with 8 ms response, the fastest video response time in its class. With flexible input options, the AVC1D0P is extremely versatile, accommodating multidisplay configurations and remote display locations without signal or image degradation. Technologically advanced and visually appealing, the AVC1D0P incorporates all safety and regulatory requirements. Membrane controls, an anti-glare/anti-reflective panel and built-in liquid ingress protection ensure image quality and investment protection.

Mammography Reading Solution



Intuitive Imaging's Rational Imaging PACS employs templates for mammography, laying out available series capable of displaying CAD overlays. Intuitive's design has a methodology ensuring review of every

available image and CAD overlay. Server-based 3D functionality, developed in partnership with Calgary Scientific, delivers a simple interface for on-the-fly 3D rendering in a thin-client approach, bringing 3D visualization to remote physicians.

Scheduling Application

Merge Healthcare's Cedara WebScheduler™ solution is for vendors seeking to add scheduling capabilities to imaging business solutions. Cedara WebScheduler allows central management and scheduling of all

imaging resources and provides a unified view of available timeslots. It has features like modality worklist creation, smart search, procedure time tracking, active order dashboard and color-coded status to make scheduling very easy. The application can be customized to reflect individual sites, including their modalities, procedures and referring physicians.

The information for these new products and services was provided by the manufacturers. Inclusion in this publication should not be construed as a product endorsement by RSNA.



Coronis 5MP Mammo The standard of care

For thousands of women every day, details make all the difference. This understanding, along with many years of commitment to improving digital mammography imaging, has led to the creation of the Coronis 5MP Mammo display system.

The innovative Coronis 5MP Mammo provides unequalled image accuracy and pioneering technology to overcome typical LCD limitations like image noise. It allows you to read digital mammograms faster and with more confidence.

Every day, women put their trust in you. When it comes to women's health, put your trust in Coronis 5MP Mammo - the standard of care for digital mammography.



Find out more at
RSNA
Booth #6210, Hall A

or visit www.barcomedical.com





Dr. James C. Jones
Emergency Medicine

That's the power to perform.

Connecting Physicians Means Better, Safer Care

Meet Dr. James Jones, Medical Director, Emergency Services, at Southeast Alabama Medical Center (SAMC) in Dothan, Ala.

Overseeing an emergency department that handles 57,000 visits annually, Dr. Jones is always on the go. He wants to increase patient flow, and minimize risk while continuing to provide quality care. Dr. Jones doesn't have time for surprises, and can't afford a breakdown in communication with the Radiology department.

With McKesson, Dr. Jones gets what he wants. SAMC radiologists use McKesson's Horizon Medical Imaging™ PACS to provide better, faster diagnosis of studies for ED patients. They're truly part of his team, affecting real-time care on the front lines. And Dr. Jones wouldn't have it any other way: "We don't have surprises anymore. It's easier to stay connected with our radiologists. And our patients benefit with improved care, with faster care."

Learn more at RSNA. Visit McKesson booth #8328 to hear more about the Southeast Alabama story and how McKesson can connect your radiologists and care team to better, safer care.

www.mckesson.com/rsna08

MCKESSON

Empowering Healthcare

CD/DVD Publisher



Sorna Corporation's eXpedo 21t[®] is a DICOM CD/DVD publishing system that combines eXpedo's intelligent workflow operating software designed to streamline DICOM and patient disc production with new robotics hardware that integrates an embedded server

(PC) for acquiring images, as well as the CD/DVD burner and a direct-to-disc thermal labeler. The new robotics hardware is designed for high-volume, heavy duty, hassle-free round-the-clock performance. It produces waterproof, scratchproof, photo-realistic custom labels that are permanently printed and bonded directly to the surface of the CD or DVD it is creating.

Women's Imaging Center Management



The Insight OmniCare[™] Women's Center Manager Version 7.2 includes numerous features with an emphasis on streamlined workflow, increased productivity and seamless integration into any healthcare environment. OmniCare is a modular system and clients can choose the options to suit their needs and budget. Some of the key modules are electronic medical record (EMR), scheduling, patient workflow, mammography, transcription/radiologist reporting, nurse navigator/case management and cancer screening/preventive care. The new version builds on these core modules and several others with easier navigation and better-looking screens. The reporting system has been revamped and allows for export of reports to pdf, Microsoft Word and Excel and more.

Accreditation Phantom Analysis Software



Gammex 464-ACTS automated CT software by Gammex provides automated data analysis for the American College of Radiology accreditation CT Phantom 464. Physicists responsible for obtaining and maintaining ACR accreditation for one or more CT scanners will appreciate the timesaving capability provided by the software. The software removes the tedium of drawing and placing regions of interest and other required graphical measurement tools while assuring accuracy and precision of the test results. Gammex 464-ACTS provides results in report form, helping medical physicists significantly reduce their time spent analyzing scan results.

Speech Recognition Technology



The latest version of MedQuist's interactive front-end speech recognition technology, SpeechQ for Radiology[™] v. 1.2, includes faster authentication of radiology reports via the new QuickSign Module and easy-to-use Auto-Text Explorer with "drag-and-drop" or double-click options. Also featured are voice commands, a customizable graphical user interface that allows facilities to match their internal brand look and improvements in date range filters for convenient sorting of

reports. Customized reporting, password and security features and failover recovery using virtualization technology are also improved. SpeechQ for Radiology integrates with most RIS and PACS.

Dosimetry Reader for Single-Point Assessment



The microStar[®] solution from Landauer, now with nanoDot[™] technology, extends the applications for Landauer's optically stimulated luminescence dosimetry (OSLD) technology to include in vivo dosimetry applications where precise measurement of

skin entrance dose is crucial. This comprehensive, packaged solution—featuring the portable, lightweight microStar reader and accurate, easy-to-use, miniature nanoDot dosimeters—is so advanced, it's simple. The microStar Solution is ideal for any single-point radiation assessment, particularly for patient monitoring applications.

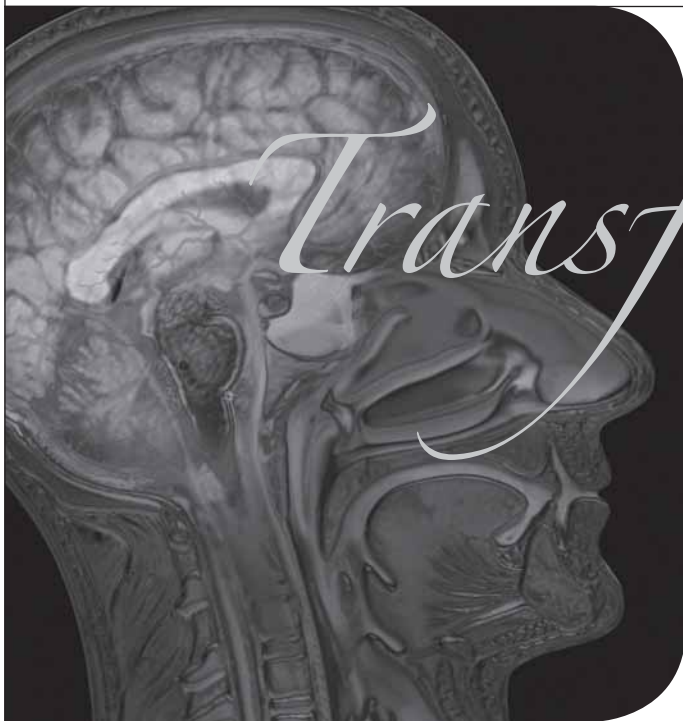
Multicontrol Digital Radiography

The Reliant Medical SMARTVIEW digital X-ray system is designed for use in hospital emergency departments, traumatology and all general radiology applications. Movements can be controlled from four different places: a touchscreen panel outside the room at the workstation, touch buttons in the X-ray tube cover, infrared remote control and a control panel at the detector side.

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Transforming
the Future of Radiology

Check out the ACR's latest offerings at booth #6403A.

Visit ACR's booth #6403A located in the South Building, Hall A, and preview what's new in:

- **Education** — "Test drive" the ACR Case Engine, the custom delivery vehicle for CME courses offered in our state-of-the-art Education Center, and check out the world-class offerings on the ACR Campus Online and other traditional products.
- **Advocacy** — Meet members of our government relations and economics staff and hear how we're looking out for you on the Hill and at the state level.
- **Clinical Research** — Learn more about the ACR's clinical trials conducted through ACRIN[®] and RTOG[®].
- **Quality and Safety** — Gain hands-on experience using eRADPEER[™].
- **Membership** — Update your member profile in PRED, our new database designed to provide you with a unique member experience!

Career-seekers and employers:

Visit the ACR Career Center in Room S105AB to learn about our enhanced services.

Come be part of the transformation.



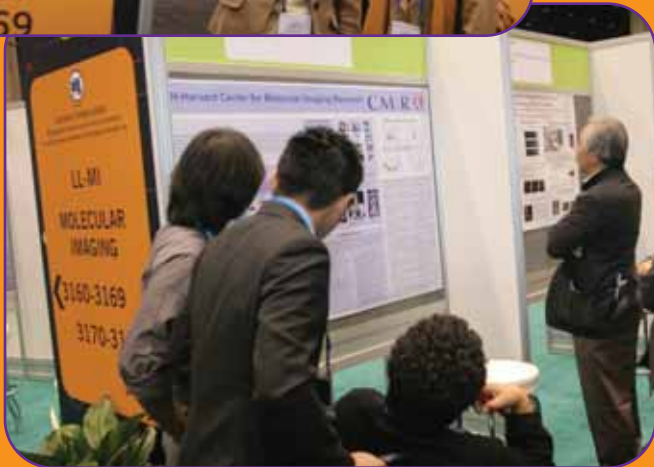
**Molecular
Imaging Zone**

Have you been to the Zone?

Visit the Molecular Imaging Zone
Lakeside Learning Center
Hall E

MI education exhibits and posters from:

- Training and Research Programs
- Molecular Imaging Societies
- Government and Funding Agencies



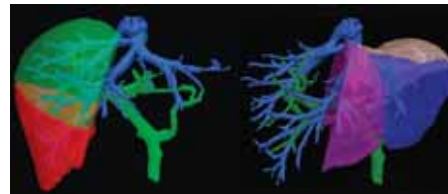
Meet the Experts Sessions:

Sunday–Thursday

12:15–12:45 p.m.

12:45–1:15 p.m.

3D Liver Quantification



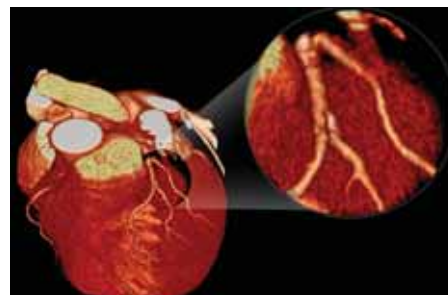
EDDA Technology's new release of the IQQA®-Liver Enterprise enables efficient applications of contrast multidetector CT for liver evaluation and pre-surgical assessment. This innovative toolset provides real-time, interactive 3D/4D evaluation, volumetric quantification, automated segmentation and refinement of liver, liver lobes and segments, hepatic lesions and vascular structures. Quantitative measurements are instantly extracted from segmented and labeled volumes. The system is powered by the integration of automatic computer analysis and the real-time interactive 2D/3D editing capabilities for users. IQQA-Liver is available to work on existing PACS workstations without code level or application programming interface integration.

MR Breast Imaging/ Diagnosis Package



The InsightMRI Breast Package by Broadwest consists of a breast coil, patient comfort aids and a diagnostic software package. The diagnostic software provides complete kinetic and morphology tools along with intuitive navigation platforms for analyzing breast MR images. The MR imaging coil is capable of comfortably imaging a subject up to 350 lbs. A patient headrest allows the patient to view outside of the magnet bore, reducing claustrophobic feelings. The package is FDA approved for compatibility with Siemens 1.5 T scanners.

Web-based Advanced Visualization



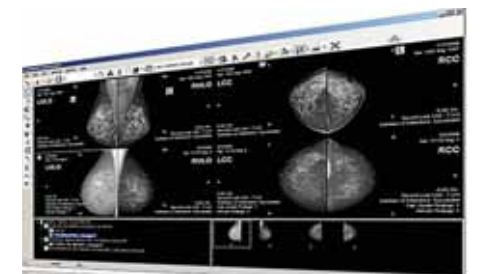
Calgary Scientific's ResolutionMD Web is a zero-footprint client accessible from any computer connected to the hospital enterprise. It offers advanced visualization including 2D, 3D and maximum intensity projection/multiplanar reconstruction functionality. It supports four concurrent servers/users and will support many clinical modules, including calcium scoring, coronary analysis, ventricular function and vessel analysis.

Distributed Reading Support

The Virtual Radiologic (vRad) enterprise is a sophisticated distributed reading platform and full-service operations center for scheduling, organizing, assigning, tracking and reporting on thousands of interpretations daily. vRad Enterprise ConnectSM allows the system to be utilized in radiology

practices. The technology and operational support requires no infrastructure or staffing investments and is hosted by vRad. Designed for large radiology practices and hospital systems, Enterprise Connect impacts a practice's efficiency through its single worklist with one login, automatic distribution of orders and access to the vRad Operations Center to handle administrative, clinical and technical requests.

Imaging Management Solution



The PowerServer™ 4.6 is the latest version of RamSoft's industry-leading imaging management solution for the RIS and PACS segments. It boasts many new cutting-edge features designed to enhance subspecialty clinical diagnosis in mammography, dramatically reduce read times for radiologists and decrease billing errors. A new core image management engine uses predictive loading to intelligently manage memory resources and instantaneously load patient images on-demand regardless of data size. Advanced viewing protocols and tools for breast imaging are also new this year; the solution supports breast MRI, mammography, and ultrasound reading from a single client and interface.

Digital Mammography Upgrade



Konica Minolta's Xpress CR contact mammography upgrade intelligently recognizes cassette types and delivers both digital radiology and digital mammography solutions with one easy-to-use, cost-effective solution. At the heart of this mammography upgrade

solution is Konica Minolta's Ultra High Resolution 43.75 um pixel size. This extreme resolution ability combined with highly advanced mammography image processing algorithms and specially designed CR Mammography cassettes and plates deliver unparalleled, consistent image quality. The upgrade is pending U.S. FDA clearance and is available in Canada.

Decision Support



RadPort™ for Radiology 2.0, the latest version of Nuance Communications' secure, Web-based appropriateness system, allows

healthcare facilities to manage high-cost utilization and satisfy precertification requirements through decision support (DS). The newest release introduces multiple site support, updated DS rule library, duplicate exam warnings, insurance company data, and comprehensive order history, as well as new workflow customizations.

Digital Core Specimen Radiography System



Faxitron X-Ray's DX-50 Core digital core specimen radiography system features a new, smaller camera and is intended for

dedicated use in the stereotactic suite. The compact unit produces in seconds high-resolution digital images that can be viewed immediately on its flat panel display to ensure that core specimens contain a representative sample of microcalcifications.

Breast MR Acquisition



Aurora Imaging Technology's AuroraEDGE™ radically improves image resolution and reduces common breast MR imaging artifacts, resulting in the production of crystal clear images of both breasts, axillae, chest wall and mediastinum in a single bilateral scan. Exclusive to the Aurora® 1.5 T Dedicated Breast MRI System, AuroraEDGE offers breast radiologists the following specifications: 3D Image Acquisition Matrix 360 x 360 x 180, 3D Image Reconstruction Matrix 512 x 512 x 250 slices, 0.7 mm slice thickness and no gap between slices. AuroraEDGE acquires a true 3D volume, offering isotropic true 0.7 mm resolution in all three planes.

Adjustable PACS Desk



The Biomorph® Flexo Level3 PACS desk features a revolutionary, triple-level telescopic frame that is available

with standard fast crank adjustment or optional whisper-quiet electric motors with built-in intelligent programming. The desk automatically remembers upper and lower height settings and returns to them at the touch of a button. The desk softly comes to a stop and gently starts up again when activated—no more juddering mechanisms.

LCD Upgrade



The Modalix® G202MP, GC8, and GC212HB by Ampronix feature a complete set of inputs which cover a wide range of video parameters and connectivity options used for MR, CT, endoscopy, radiograph-

ics, digital radiography/computed radiography, cath-lab, mobile C-Arm, PET and many others. Modalix® is capable of upscaling signals to a 2 mega pixel image employing a high-resolution color display or showing grayscale DICOM images with dynamic range and wide viewing angles.

EMR Content Viewer

TeraMedica Healthcare Technology's Evercore-Univision content viewer, the standard for many electronic medical record (EMR) systems, can now be configured to allow users access to non-DICOM clinical content that has been attached to the patient record or study. Users can view PDF files, video files and JPEG and TIF images as well as listen to sound files or access other stored, digital clinical data. The new Univision AV Enterprise Image Viewer delivers increased image manipulation functionality.

Disc Publishers with/without Video Capture



MDR® Video RP and MDR® Express RP by NAI Tech Products are compact, standalone medical image

recorders with integrated disk label printing. MDR Video RP records high-resolution streaming video to CD or DVD media in DICOM format with automatic full-color label printing. This self-contained publishing solution is the same size as a conventional video tape recorder and can be installed easily in fluoroscopy rooms or on ultrasound, mobile C-arm or endoscopic carts. MDR Express RP provides the same disk burning and labeling capability with-

out the video capture for modalities with DICOM output.

Outside Study Gateway

Emageon's Outside Study Gateway (OSG) enables outside facilities to perform direct DICOM transmission of their PACS images to the receiving hospital's OSG server, allowing automatic performance of patient and exam integrity checks as well as auto-forwarding into the receiving hospital's enterprise PACS. Authorized physicians can then view these studies immediately using their existing PACS workstations and the toolsets with which they are familiar. The solution allows side-by-side comparisons of additional exams with outside exams done at the remote facility. The Emageon OSG also has the capacity for new studies to be provided securely and electronically back to the referring facility.

Full-Service Teleradiology

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Digital Imaging Suite



The REGIUS Digital Imaging Suite by Konica Minolta offers a complete digital radiography solution with the flexibility of a combined digital and computed radiography system that is cost-effective, easy-to-use and reliable. Anchored by the REGIUS 370 DR,

an upright digital radiography system that supports a wide range of clinical applications, facilities can retrofit an existing radiography room, saving expense and time.

Critical Test Results Management



Veriphery version 2.2 by Nuance Communications is an automated critical test results management (CTRM) solution with new features including Veriphery Live Agent, which combines personalized communications with comprehensive and automated records. The radiologist can choose to deliver a message

via Veriphery, communicate with an agent or connect live. Version 2.2 also introduces directory synchronization—any change in contact information is automatically updated, ensuring that critical messages are received by referring clinicians.

Extended Image Display



Medison's ACCUVIX V20 provides superb 2D image quality and high performance 3D/4D featuring cutting-edge technologies including inversion 3D, extended oblique view imaging, spatial compound imaging, speckle reduction filter, Dynamic-MR™ and full-spectrum imaging. Users get a convenient and efficient diagnostic environment with an interactive 10.4" touchscreen, flat-screen monitor and diagnostic simplification process. The ACCUVIX V20 provides superb value for hospital imaging centers, supports DICOM 3.0 with DICOM Structured Reporting and is easily connected to PACS networking.

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Digital Radiography Systems

CMT Medical Technologies offers digital radiography solutions available in a variety of dual/single configurations. PrestoDR Elite™ is a single-detector upright system, PrestoDR OmniX™ is a single-detector,

multipurpose universal arm system and PrestoDR GeminiX™ is a dual-detector solution for fast and easy operation and high patient throughput. These integrated solutions complement the PrestoDR, an advanced high-resolution digital radiography system, available as a retrofit solution for existing radiology rooms and through OEM partners.

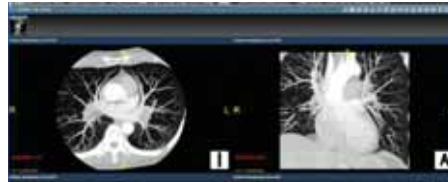
Neuroimaging PET



NeuroPET™ by PhotoDetection Systems has been designed for the neuroimaging community. Its compact design provides the image quality of a large PET scanner without the expensive site preparation costs. NeuroPET's ultra-sensitive detectors enable much lower doses and safe multiple scans of the same subject for monitoring response to therapy, new drug trials and longitudinal studies of disease progression.

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Enhanced PACS




Version 6.0 of AMICAS PACS includes an enhanced viewing environment comprising the new patient profile and a new image

viewer, both of which complement the existing industry-leading RealTime Worklist™. The patient profile gives radiologists a comprehensive view of their patients' imaging history with a snapshot of prior exams, current and prior orders, reports and key clinical documents. The image viewer's enhancements involve intrinsic 3D functionality, advanced tools for mammography workflow, and deep personalization of the viewing tools. With intrinsic 3D, radiologists and clinicians have access to a blended 2D and 3D view within a unified viewer.

Web Portal for Image Browsing




ScImage's PicomWeb is a "zero-footprint" physician portal that displays images, reports, waveforms and documents in a variety of Web browsers. Caregivers will be able to simply browse to their patients' images and data for non-diagnostic review. Standard image manipulation tools are available in normal window or full-screen view. Diagnostic users can easily switch to full diagnostic viewing with a single click from PicomWeb. PicomWeb can be implemented as part of an existing PicomEnterprise installation, as a unifying layer for multiple disparate PACS or as an embedded link in an electronic medical record system using ScImage's Universal Interface Toolkit.



North Building
Hall B
Stand 7557

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31V1-MI20081017A&1


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DOME Displays by NDSsi

Dome, a leading brand of displays for PACS imaging, is now part of NDSsi. Combined product offerings by Dome and NDSsi will deliver **Medical Visualization** solutions for improved clinical outcomes.

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