

## JVCKENWOOD Exhibits at RSNA2017

Showcasing various medical image display solutions developed by applying JVCKENWOOD'S proprietary image/video processing technologies

JVCKENWOOD Corporation (JVCKENWOOD) will exhibit at Radiological Society of North America 2017 (RSNA2017), to be held from Sunday, November 26 to Thursday, November 30 at McCormick Place in Chicago, Illinois.

This year, the JVCKENWOOD booth will feature various medical image display solutions developed by applying our proprietary image/video processing technologies. These include a new lineup of i3 Series of medical imaging displays for PACS with all new design and functions, display systems equipped with a Dynamic Gamma function enabling efficient interpretation of radiograms for mammography/tomosynthesis images, and a cloud-based quality control software solution for medical image displays.

In July 2013, JVCKENWOOD took over the TOTOKU display business, which had developed the medical image display business for more than 20 years. Going forward, to unify the brand, we will transition from the current TOTOKU brand to the JVC brand, and provide a wider range of solutions in the medical field by offering products that apply our image/video processing technologies developed for the JVC brand.



### Main Exhibits of JVCKENWOOD at RSNA2017(JVCKENWOOD Booth: North B Hall #7935)

#### 1. i3 Series CL-S300 of medical image displays for PACS featuring an all-new design and functions

We will exhibit the i3 series CL-S300, a 21.3-inch color LCD monitor in a new lineup of medical image displays. This series of medical image displays features a color front sensor built into the screen and QA Medivisor Agent LE display calibration software bundled with the display system for easy correction of luminance, gradation, and chromaticity of image data, and enabling high-definition reproduction of DICOM-conformant grayscale images recorded in

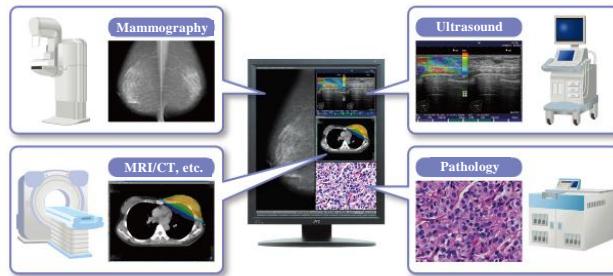


<CL-S300>

monochrome. For this series, we improved stability when displaying monochrome and color images in high definition and optimal contrast based on our proprietary Dynamic Gamma function, which was well received with our existing models. In addition, the new model adopts a new design intended to improve the efficiency of interpreting radiograms and provide good compatibility with modality devices. This model was developed with the focus on a user-friendly and easy-to-view monitor, as well as a space-saving design, which makes it adaptable for use in various work environments.

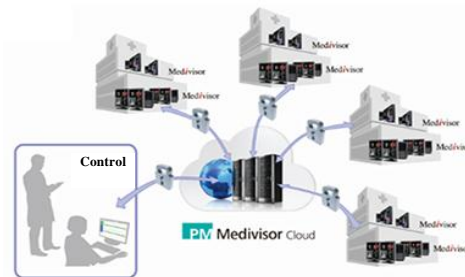
**2. CCL550i2/MS55i2plus medical image display systems for mammography/tomosynthesis images**

We will exhibit the CCL550i2, a 5-million pixel 21.3-inch color medical imaging display equipped with a Dynamic Gamma function, which enables automatic contrast correction to provide optimized contrast in monochrome mammography/tomosynthesis images for breast cancer diagnosis, as well as color images, such as images from Ultrasound, CT, MRI, and pathology. We will also display the MS55i2plus, a 5-million pixel 21.3-inch monochrome medical imaging display with improved visual contrast resolution, which is achieved using independent sub-pixel drive technology and 1,000cd/m<sup>2</sup> high calibration luminance, to display higher resolution and definition of mammography/tomosynthesis images. Both models have received the approval of the US Food and Drug Administration (FDA) for breast tomosynthesis/digital mammography.



**3. PM Medivisor Cloud for cloud-based software solution for accuracy control of medical displays**

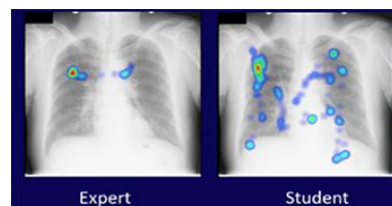
We will exhibit PM Medivisor Cloud, a cloud-based quality control software solution for medical image displays. PM Medivisor Cloud continuously collects, analyzes, and stores data on the operational status of medical display monitors installed in hospitals, and reports the findings back to the system administrator. PM Medivisor Cloud can check the quality status of display monitors both inside and outside hospitals, making them maintenance-free, achieving significant streamlining of operation control work and reductions in maintenance costs. In addition, the solution can realize remote operation control via the Internet safely through secure communication protocols.



<Conceptual image of PM Medivisor>

**4. Gaze point sensing system that visualizes gaze points for chest X-ray images applying our proprietary gaze point sensing technology (Reference Exhibit)**

We will display, as a reference exhibit, our gaze point sensing system, which can be used to support training on radiogram interpretation skills by visualizing the gaze points of expert radiologists when they read chest X-ray images, by applying our proprietary Gazefinder gaze point sensing system.



< Image of gaze point analysis of chest X-ray images >

\* Chest X-ray images provided by Professor Toshihiro Ogura of Gunma Prefectural College of Health Sciences and Graduate School

## **Profile of Radiological Society of North America 2017 (RSNA2017)**

- Exhibition period: Sunday, November 26 – Friday, December 1, 2017  
Technical exhibition: Sunday, November 26 – Wednesday, November 29, 2017: 10:00 - 17:00  
Thursday, November 30, 2017: 10:00 - 14:00
- Organizer: Radiological Society of North America
- Venue: McCormick Place, Chicago, Illinois, USA
- Official website: <http://www.rsna.org/>

<Trademarks>

- QA Medivisor Agent, PM Medivisor Cloud and Gazefinder are trademarks or registered trademarks of JVCKENWOOD Corporation.
- All company names and product names contained in this press release are trademarks or registered trademarks of their respective holders.

### Media Contact:

Public and Investor Relations Group, Corporate Communication Department, JVCKENWOOD Corporation  
3-12, Moriya-cho, Kanagawa-ku, Yokohama, Kanagawa, 221-0022, Japan  
Mail: [prir@jvckenwood.com](mailto:prir@jvckenwood.com)

The content of this document is based on information available at the time of its publication and may be different from the latest information.

[www.jvckenwood.com](http://www.jvckenwood.com)