

Carestream

ImageView Software

# Single-Platform Productivity.

Achieve Greater Productivity Across Your Imaging Systems.



SMART IMAGING SOLUTIONS

# Meet Our New Clinical Acquisition Software Platform.

CARESTREAM ImageView Software offers robust functionality with Carestream's most advanced image-processing in a single platform – resulting in ease of use and image quality that can take productivity and patient care to new levels.

Designed to support advanced applications that are becoming the standard of care for increased diagnostic confidence, ImageView is the software platform for the future.

This innovative platform is available for our CARESTREAM DRX-Revolution Mobile X-ray System, the CARESTREAM DRX-Evolution Plus and DRX-Evolution, and the CARESTREAM OnSight 3D Extremity System. Soon, it will be offered with additional products, including DR Retrofits.

## Advantages at a Glance

- Provides a simplified and intuitive user interface.
- Offers a common user experience.
- Supports automated workflow with uniform protocols.
- Delivers market-leading image-processing.
- Supports automatic Long-Length Imaging with auto stitching.
- Ensures ongoing product security to protect data.

## A Timely Solution for Hospitals, Clinics and Imaging Centers Alike.

If you're like many imaging operations, the demands on your time and budget are growing. At the same time, you're dealing with many factors that can impede radiographic productivity. For example, the time it takes to train radiographers on multiple software platforms. And the frequent delays or errors that can occur when radiographers need to stop and re-acclimate each time they switch to a different user interface – which often lead to slower exam times and the need for repeats.

Now, envision multiple Carestream imaging systems in your enterprise powered by a single, feature-rich software platform. And imagine the increases in speed and efficiency this could yield.

## Take a Closer Look at the Software Platform Designed to Improve Efficiency and Workflow.

Our new ImageView Software Platform is here – and ready to boost system and staff performance across the board. Rely on:

- An intuitive and easy-to-use touch-screen interface that places the most commonly used operations on a single screen. This shortens the training time needed while optimizing workflow.
- A common user experience across Carestream products allows users to efficiently transition between, and operate, a variety of different systems. This reduces delays and errors while it minimizes training costs.
- Automated workflow with uniform protocols set to your preferences provides consistency to minimize repeat exams and improve productivity.
- Access both RIS and PACS without returning to the department's terminal – reducing the time to complete a study.
- The latest technology for fast image processing and display delivers the foundation you need for data-intensive applications.



## Portfolio-wide Integration

Today, the innovative ImageView Software Platform is available on the DRX-Revolution Mobile X-ray System, the DRX-Evolution Plus and DRX-Evolution, and the OnSight 3D Extremity System. Additional systems will be supported in future releases, for greater efficiency across the enterprise.

## Image-Processing Features.\*

### Carestream Radiography Software Powered by Eclipse.

Eclipse is the engine that drives Carestream's CR and DR image-processing software. You can depend on Eclipse for superb diagnostic image quality and consistent presentation. The Eclipse engine provides the power for an entire suite of image processing options, including the following:

#### EVP Plus

Supercharge processing productivity with Enhanced Visualization Processing (EVP) Plus. EVP Plus image-processing supports multiband-frequency processing to provide better noise control, sharpness, contrast and density while minimizing artifacts.

#### Tube and Line Visualization

Be sure with a single exposure. With this feature, a companion image is created from the original exposure, with optimized processing for clearer, easier visualization of PICC lines and tubes. It increases confidence that tubes and lines are placed correctly – and remain in position.

#### Pneumothorax Visualization

Save time with software that creates a companion image from the original exposure that is optimized to accentuate the appearance of free air in the chest cavity.

#### Bone Suppression

This tool is designed to create a companion image that suppresses the appearance of bone and enhances the visualization of soft tissue, to increase clinical confidence of pathology assessments. This option also requires no additional exposure to the patient.

#### Grid Detection and Suppression

Get a clearer view. This option provides improved image quality through automatic detection and suppression of gridline artifacts.

### SmartGrid

SmartGrid processing provides image quality comparable to images acquired with an anti-scatter grid at a reduced patient dose in bedside chest imaging. The benefits of grid-like image quality without the use of an anti-scatter grid can lead to improved workflow and ease of imaging for radiographers.

## Quality-Enhancement Features.\*

### Administrative Analysis and Reporting

This digital dashboard allows you to analyze and develop improvement plans for your staff and the department. You can track your average exposure rates, rejected images and reasons, detector statistics, including drops, and Total Quality Tool (TQT) QA results. With this actionable data, you can maintain tight quality controls.

### Total Quality Tool

Using this optional tool allows for a quick determination of each detector's functionality. When incorporated into your facility's QC program, it provides data on your detectors' response over time and allows you to track MTF, CNR and flat-field artifacts. All of the resulting data can be exported into Excel for tracking purposes. This option comes with the software, a flat-field phantom and carrying case.

### Pediatric Image Optimization and Enhancement Software

Acquire default acquisition techniques and image-processing parameters optimized specifically for each patient's body size, from the smallest neonatal patient to the largest adolescent. The seven-band multi-frequency processing delivers improved noise suppression and enhances details for more productive pediatric exams.

\*Contact your sales representative for the standard and optional features on specific Carestream products.

## The High-Efficiency Interface Saves Time and Effort.

Single-screen workflow for a faster, smoother user experience.



Patient data, study data and views

Image viewer and positioning aids

Markers, image manipulation/processing tools, formatting and workflow controls

Detailed patient workload



Image acquisition status, including technique and hardware information





# Everyone Benefits with an Upgrade to ImageView Software.



## Radiology Administrators

- The common user experience reduces training costs.
- Optimized workflow results in higher productivity and ROI.
- Access to RIS/PACS improves productivity and faster read/report turnaround time.
- Enhanced security provides patient privacy.



## Radiographers

- Reduced screen transitions, simplified layouts and enhanced capabilities optimize workflow.
- The common user experience simplifies training and cross-system work.
- SmartGrid provides quality images faster than a traditional anti-scatter grid to speed workflow.



## Radiologists

- Advanced image-processing, such as EVP Plus, Auto LLI and SmartGrid, provide diagnostic intelligence and confidence.
- Access to RIS/PACS by the Radiographers improves productivity by reducing the time for exam completion and verification that all images arrived in PACS.



## IT Managers

- Enhanced cybersecurity maintains system integrity by helping to prevent malicious cyber attacks, and more quickly recover from any attacks that do occur.
- Windows 10 with two-factor authentication provides additional security.
- Access to RIS/PACS reduces the number of workstations needed to help lower departmental costs.

## Workflow Enhancement Features.\*

Carestream products support DICOM interoperability and comply with IHE standards to address specific clinical needs and support optimal patient care.

### IHE Scheduled Workflow

ImageView Software saves time and boosts productivity by automatically notifying your HIS/RIS of exam status.

### DICOM Modality Worklist

This system facilitates automatic transfer of patient and procedure data to your HIS/RIS system, eliminating manual data entry and increasing Radiographer productivity.

### Procedure Mapping

Extra keystrokes add up to wasted time. Preconfigured and dynamic RIS procedure-mapping speeds data entry and workflow. Exam Tutor gives radiographers the flexibility to acquire images in any sequence.

### Remote Patient Data Entry

Patients are your first priority. Let radiographers dedicate more time to them, by making data entry an office-based PC task. Reduces overall radiographer workload, too.

### Advanced Trauma Capability

Work faster when every second counts. Gain immediate access to patient records and depend on predefined exam/procedure codes to speed workflow in trauma cases – and get patients to treatment faster.

### IHE Dose Reporting

This system collects and distributes comprehensive dose information to PACS – including DAP values, techniques and exposure indices.

### Chest Image Auto-Correct

Save time with software that will automatically display chest images in the proper orientation.

### Tech Assist with Chest QA

Users receive notification when the Contrast Noise Ratio or Exposure Index is outside preset target ranges. This feature also outlines areas where the chest anatomy may have been collimated.

### Prior Image Review

Retrieve and review images from PACS and copy technique to the current exam.

### Auto Long-Length Imaging

Capture a wide range of vertebral and long-bone images with your patient in an upright or supine position. Plus, the system automatically aligns, captures and stitches the images for fast and convenient imaging, enhancing patient care.

### Repeat Image

This feature automatically creates a duplicate view with the same technique and grid settings to quickly repeat an exposure.

## Security and Convenience.

- This software supports Windows 10 Operating System while providing ongoing cyber security updates to protect patient data and help guard against malicious cyber attacks.
- Minimize downtime with a robust, on-screen *HELP* feature and extensive remote-monitoring tools.

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[carestream.com/imageview](http://carestream.com/imageview)



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