

UPGRADE TO HIGHER PERFORMANCE.

You rely on DIRECTVIEW CR and DR Solutions for superb imaging performance. Upgrading to the most current software version and computer hardware makes it even more powerful. Apply the latest advances in technology with a range of useful new features and valuable options – all designed to leverage your current capture hardware for even higher image quality, productivity, speed and ease of use.



POWER TOOL.



CARESTREAM Extend Program
DIRECTVIEW CR and DR Technology Upgrade

TAKE IMAGING TO A HIGHER LEVEL STILL.

You have been a loyal Carestream customer for many years. Today, you count on our CR and DR Software to provide a single platform solution for both CR and DR imaging systems. To show our appreciation and support, we are now offering you the Extend Program.

This technology upgrade offers you a dynamic set of new capabilities—the base platform is feature-rich and robust, while a broad range of options lets you select the mix of add-on features best for you. These capabilities will help you extend the life of your imaging assets for years to come – and save your capital budget for other urgent needs in your department.

DRX SYSTEMS+LEGACY DR SYSTEMS+CR FLOOR-STANDING UNITS

CR+DR COMPATIBLE.

The DIRECTVIEW CR and DR Software upgrade is available with new DIRECTVIEW installations and as an upgrade for your existing systems*. This innovative platform is fully compatible with DRX systems, legacy DR and CR systems and CR floor-standing units.

*Some features are not available with CR and DR systems no longer being manufactured. Consult your Carestream Service Solution Specialist for the specific features available for your legacy system.





CONSIDER THE BENEFITS.

Carestream is committed to continual investment in new and better technology. Case in point—the Extend Program offers you:

- Image quality enhancements
- Enhanced productivity and faster workflow
- Compatibility with both CR and DR platforms
- Maximization and life extension of your existing hardware investment
- Ease of use with streamlined software and touchscreen functionality
- Radiation dose reporting to HIS/RIS and PACS



OVERCOMING THE BARRIERS TO FASTER WORKFLOW.

There are many challenges that impede radiography workflow. For example, the time it takes to train technologists on multiple software platforms. The inevitable delays and disrupted workflow as technologists stop to re-acclimate each time they switch systems. Or, the need to learn new system interfaces. All of these factors can slow examination times and increase the need for retakes.

Speed Your Workflow

With DIRECTVIEW Software, software features and functionality are consistent across all compatible systems. This gives your productivity level a major boost, enabling you to:

- Train technologists on one platform and know they're ready to operate a variety of systems
- Benefit from greater staff versatility – technologists can switch from one system to another quickly and efficiently
- Depend on an intuitive, easy-to-use touch-screen interface to decrease exam times and increase patient throughput
- Minimize repeat examinations, through more consistent and uniform exam protocols
- Resolve performance issues immediately and minimize downtime with a robust on-screen "help" feature and extensive remote monitoring tools
- Custom configure the system to fit your workflow – and to your users' preferences

Focus on Quality

We understand that productivity gains must never compromise your high standards for patient care. This upgrade includes advanced image-quality control capabilities to ensure the overall excellence of the radiographic images you capture, which support accurate diagnoses and positive patient outcomes. DIRECTVIEW software supports the IEC standard exposure index enabling consistent exposures across your department and helping physicists meet regulatory responsibilities. EVP Plus image processing software transforms the captured image into outstanding quality with a high degree of automation and an intuitive user interface.

Security and Convenience

A reality for today's healthcare facilities is the ever-present threat of a security breach. DIRECTVIEW Software incorporates protection features to shield you from unauthorized access, theft of information, violation of confidential patient records, and the potential for serious financial consequences.

We've also paid attention to the little things. For your convenience, this upgrade supports the use of jump drives and CD/DVD – for fast and easy image export and transport.

The simplified user interface reduces the time required to complete a procedure. And the robust on-screen help feature allows for immediate problem resolution and minimizes support time.

Multi-format printing capability offers the flexibility to print multiple images on one film, including custom page layouts, saving both time and money.



SUPPORT FOR SPECIALTY APPLICATIONS

DIRECTVIEW CR and DR Software options can maximize quality and productivity in these specialty imaging applications:

Mammography

Carestream's proprietary algorithms increase software performance for mammography-quality images. Our Total Quality Tool for Mammography boosts the versatility of CR systems, for high performance specific to mammography or mixed-use environments.

Pediatrics

Monitoring exposure is particularly critical in pediatric imaging. Depend on reliable measurement and tracking with the IEC standard Exposure Index feature to ensure you are within range. Gain performance versatility as well, with imaging options for seven different pediatric body types linked to exposure techniques.

Long Length Imaging

The software includes features specifically designed for orthopaedics applications such as scoliosis and long-length imaging. Image stitching is performed automatically, providing seamless images in less time. For even greater control, use the manual stitch editor when manual fine adjustments are desired.



OPTIONAL FEATURES COMPLETE THE PERFORMANCE PICTURE

Your healthcare facility is unique—with its own particular set of imaging needs. So what combination of capabilities are you looking for? Remote data entry? Interconnectivity between multiple CR and DR systems? Support for specialty applications?

DIRECTVIEW Software offers these capabilities and many more. You select from a broad menu of options—giving you a custom mix of the tools you require, with no need to pay for those you don't. So consider this diversity of options*, then make DIRECTVIEW Software exactly what you need it to be.

*Consult with your sales representative for the standard and optional features for specific Carestream products.



Remote Operations Panel



Exam Tutor

Workflow Enhancement Options

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

Remote Operations Panel

Save time and steps in your work process. With this wall-mounted panel, technologists can perform most of the functions of the main CR system without walking to the machine itself.

IHE Scheduled Workflow

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

DICOM Modality Worklist

Facilitates automatic transfer of patient and procedure data from your HIS/RIS system, eliminating manual data entry, and increasing technologist productivity.

Multi-Modality Acquisition

Allows operation of two CR systems or one CR and one DR system from a single console. You can ID cassettes, review patient information, accept/reject images from a single console – saving space and investment.

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.

Procedure Mapping

Extra keystrokes add up to wasted time. Count on this platform's simple RIS and procedure codes to speed data entry and workflow. Exam Tutor gives technologists the flexibility to acquire images in any sequence.

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.

Patient CDs

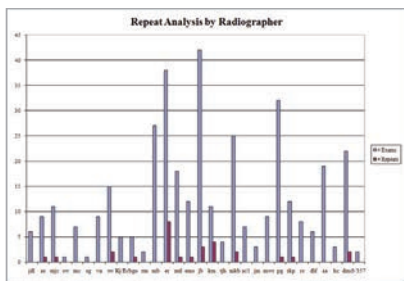
Increase your patients' satisfaction. Now they can walk out the door with a CD copy of their images including a DICOM viewer to take to their referring physician.

Auto-Correct for Image Display

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

Prior Image Review

Retrieve and review images from PAC's and copy techniques to the current exam.



Administrative Analysis



Tube and Line Visualization

Quality Enhancement Options

Administrative Analysis and Reporting Option

Improve your department's overall performance by taking analysis and reporting to a new level. This easy to use software provides a single, consolidated source for viewing all performance metrics from your CR and DR systems in a format that works for you. With this "digital dashboard" you are able to analyze results and develop improvement plans.

Total Quality Tool

Keep work flowing. Now, the same interface can be used for patient exams and objective quality-control image tests on your CR and DR systems. With the Total Quality Tool package – software, phantom and carrying case – you can perform these tests when it's convenient for you – without interrupting workflow or incurring the cost of third-party testing.

Image Processing Options

EVP Plus

EVP Plus Software delivers state-of-the-art image processing with a high degree of automation while offering maximum flexibility and ease of use. Outstanding image quality is achieved based on proprietary algorithms.

IHE Dose Reporting

Collects and distributes comprehensive dose information to PACs including DAP values, techniques and exposure indices.

Grid Detection and Suppression

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

Tube and Line Visualization

Be confident 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 will require no additional exposure to the patient.

Low-Exposure Optimization

Low-exposure optimization minimizes quantum noise interference in low-exposure imaging areas to capture high-quality diagnostic details.

Black Surround

Focus in on the issue. This black surround option masks the white collimated area to eliminate foreground flare. It defines your area of interest automatically, and allows manual selection of complex anatomical structures for rapid, accurate collimation verification.

*Pending 510(k) Clearance

SATISFACTION ACROSS THE ENTERPRISE.

DIRECTVIEW CR and DR Software offers benefits for stakeholders throughout your facility:

- Radiologists get high quality diagnostic images in less time
- Patients receive faster diagnosis, treatment, and an enhanced level of care
- Technologists enjoy improved ease of use and convenient operation
- IT departments receive DICOM-compliant, reliable and secure software performance
- Administrators and department heads see greater productivity, patient satisfaction and increased ROI



Products Specifications

Current DIRECTVIEW CR Systems:

- Max, Classic and Elite CR

Legacy DIRECTVIEW CR Systems supported*:

- CR 825, CR 850, CR 950, CR 975

Current DRX Systems:

- DRX-1 System, DRX-Mobile Retrofit Kit, DRX-Evolution System, DRX-Transportable System, DRX-Ascend System, DRX-Revolution Mobile X-ray System

Legacy DR Systems supported*:

- DR 3500, DR 7500, DR 9500

Remote Operations Panel:

- 19" ROP (1280 x 1024 pixels)

Computer hardware and monitors vary by equipment model. Both multi-touch monitors and 3MP monitors are available.

Creative Financial Solutions

Don't let capital budget concerns prevent you from gaining the tremendous benefits the Extend Program provides. Carestream Health offers a variety of creative financial solutions tailored to your specific situation and needs.

We also offer an attractive trade-in program. It gives you a discount on the cost of the Extend Program when you trade in your older PCs, monitors, and Remote Operation Panels (ROPs). As part of our Green initiatives, we will recycle this equipment for you—sparing you the costs, time, and hassles.

Please contact your Carestream Service Solutions Specialist for details or go to www.carestream.com/extend

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"Rx only"



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