Carestream

ImageView Software

Security. Efficiency. Productivity.

Achieve Tighter Security and Greater Productivity.

Carestream's decades of innovation in the radiology field have now yielded the new benchmark in imaging software – ImageView, powered by our remarkable AI-based Eclipse engine.

CARESTREAM ImageView Software delivers advanced security capabilities to protect you from the ever-changing cybersecurity risks threatening your standards for patient care, regulatory compliance, reputation and finances.

Advantages At a Glance

- ImageView with Microsoft® Windows® 10 and other built-in "Secure by Design" elements, such as intrusion detection and prevention, is Carestream's most secure medical device software.
- Connecting the medical device to your Domain provides centralized user administration, shared credentials with other systems, Single Sign-on, MFA (Multifactor Authentication) and site security standards.
- Keeping current with cybersecurity offers improved protection against cyber attacks.
- Access to RIS and PACS through ImageView can improve productivity and reduce the number of workstations to maintain, lowering IT costs.
- Carestream technology provides the foundation to run advanced, data-intensive applications.
- Standard Grade and Military Grade encrypted Data at Rest (DAR) and Data In Transit (DIT) protection options are also available.

Security Around the Clock.

You'll sleep easier knowing that ImageView Software's enhanced cybersecurity capabilities are working 24/7 to protect your system from cyber attacks such as viruses, malware, directed hacks and insider threats.

Secure by Design

- Secure Software Development Life Cycle (SDLC) for the development of medical devices, including attack-surface analysis, security risk assessments, vulnerability scanning, static-code analysis, and dynamic application analysis to leverage OWASP (Open Web Application Security Project) guidelines.
- Built-In Host-Based IDS / IPS (Intrusion Detection / Prevention System) – including whitelisting, sandboxing, heuristic monitoring and USB device protection.
- Firewall configured to block all unnecessary network ports and protocols.
- Minimal Operating System footprint necessary to support the device's intended use.
- Security Roll-Up tool to provide capability for an end-user or Service Engineer to apply Windows Security Updates on demand.
- Carestream solutions replaceable or supplemented with site-security software, such as Anti-Virus.

Operating System Security Support

- Windows 10 Internet of Things (IoT) Enterprise Long Term Service Branch.
- Standard Microsoft Windows Authentication with Single Sign-On (SSO) and single or two-factor authentication.
- Standard Microsoft Windows audit logging of security events and PHI access.
- Removable media (USB/DVD) access control.
- Host-based proxy server with web-access control.

Continuous Monitoring and Patch Management

- Regular monitoring of notifications from US-CERT and Defense Information Systems Agency (DISA) Information Assurance Vulnerability Management (IAVM).
- Regularly scanning using DISA Assured Compliance Assessment Solution (ACAS) for vulnerability and information assurance.
- Remote Security Scan feature to scan the system for vulnerabilities via the Cloud.

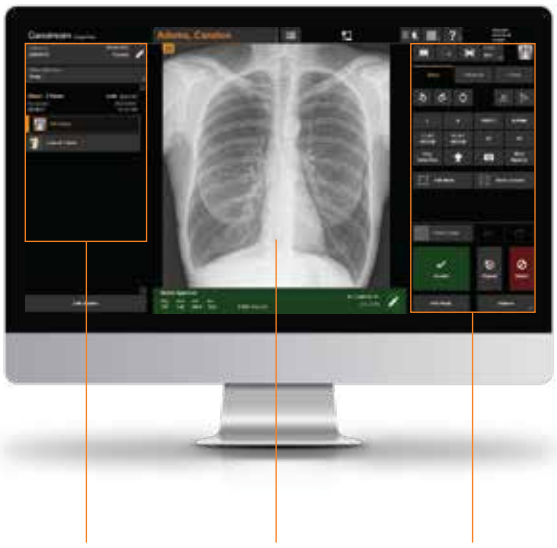
De-identification of PHI

- Ensures no electronic patient health information (ePHI) exists in service log files.
- Allows servicing of the system without collecting any patient data when combined with the ability to anonymize harvest images.

Designed to Improve Efficiency and Workflow.

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

- An easy-to-use interface consolidates the most commonly used operations on a single screen. This shortens the training time needed while optimizing workflow.
- Automated workflow with uniform protocols set to your preferences provides consistency to minimize repeat exams and improve productivity.
- Access both RIS and PACS from the mobile system without returning to the department's terminal – reducing the time to complete a study.



Patient data, study data and views

Image viewer and positioning aids

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

Imaging Software Powered by Eclipse

Eclipse: Harness the Power of Decades of Innovation.

Carestream's Eclipse is the engine behind our innovative imaging software. It uses AI technology and proprietary algorithms to significantly increase the value of the entire imaging chain, from capture to diagnosis.

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Rx only

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