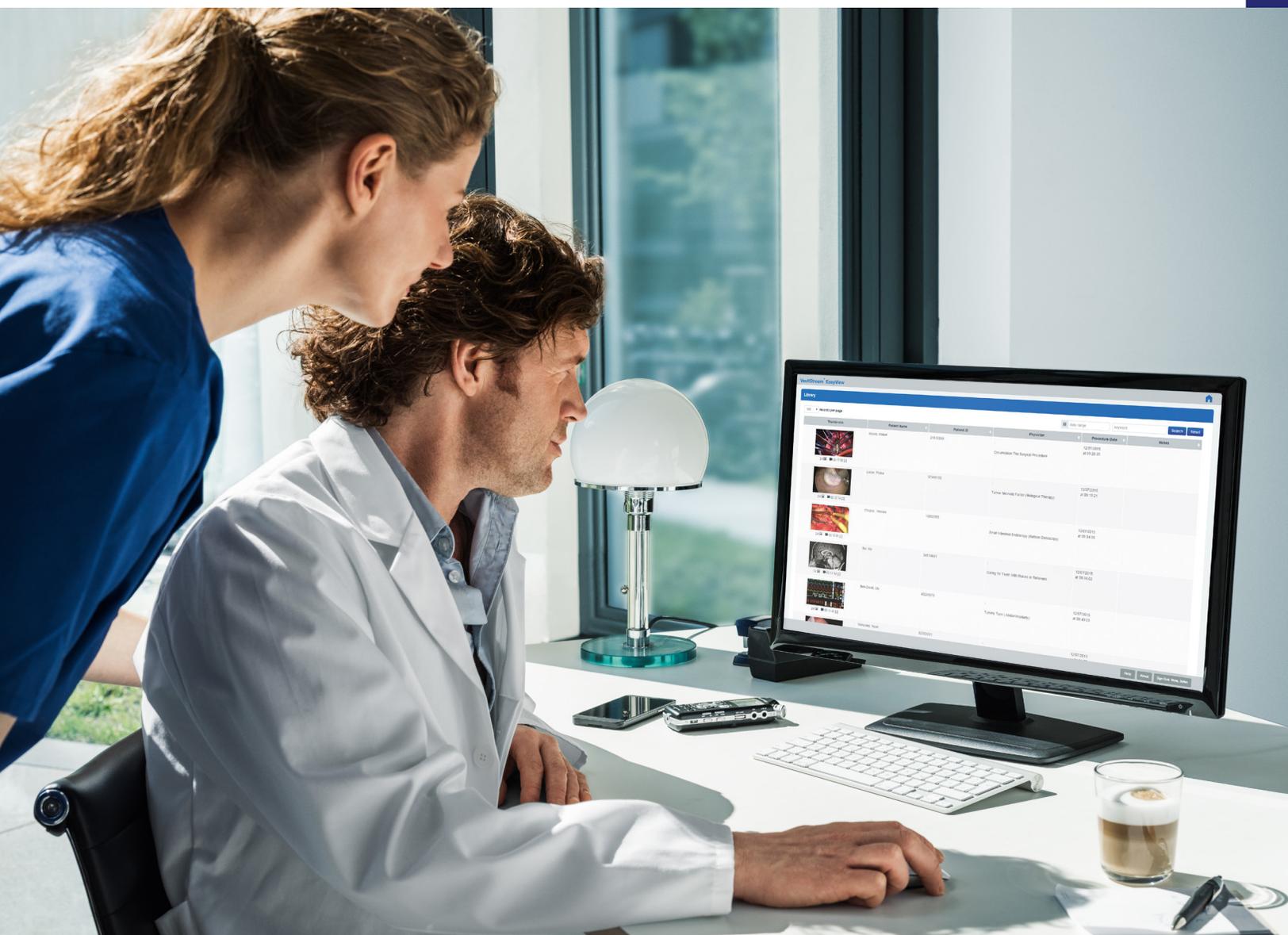


OLYMPUS

VaultStream™ 10

Enterprise Content Management System



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Enterprise Content Management System

Clinicians capture thousands of hours of surgical video and procedural still images every year. Healthcare organizations need a way to ensure videos and images are safely stored, but still easily accessible for consultations, case reviews, teaching and quality initiatives.

The VaultStream content management system provides secure storage and access for medical case video and images across the hospital enterprise delivered in a manner that helps hospitals comply with patient privacy regulations.

Meeting the Demands of an Enterprise-wide Solution

An interoperable and scalable architecture enables the VaultStream system to meet the needs of a single O.R., a lab, a department, an entire hospital, or a nationwide hospital system, with a right-sized site-hosted server or virtual machine. The ability to organize large amounts of procedure information in separate libraries improves cross-department efficiencies in sharing, searching, and storing image data.

Protecting Patient Privacy While Supporting Clinician Collaboration

The VaultStream software facilitates HIPAA compliance with adoption of security best practices.

- Named user accounts
- Authentication management
- Access attempt logging
- Secure connection protocols and secure storage

Supporting End-to-end Data Integrity

Smart system-integration technology enables both the delivery and the integrity of all procedural information transferred from the recording device to the VaultStream system.

- If a power loss or a network crash causes an interruption, transfer automatically resumes from the point of failure once connectivity is re-established

Supporting Efficient Workflow

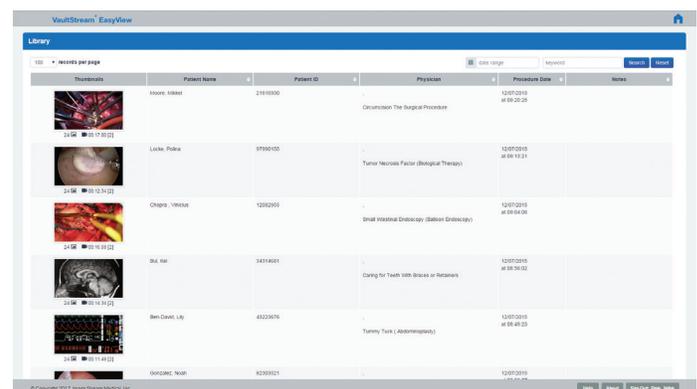
Designed for efficient case workflow with the ability to select patient/ procedure on a CV-190 and transmit images to the VaultStream system.

The AutoClip feature automatically captures video of pre-configured duration before and after a captured image, enabling physicians to have video clips of key moments during a procedure.

When integrated with the VaultStream system software, the nCare™ 10.4 enterprise recorder enables further standardization of labeling (i.e., annotation) workflows by presenting clinicians with a predefined list of labels for a procedure, eliminating the need to review previously captured images to add clinical context. Hospitals and clinics can customize these AutoLabels for specific procedure types and workflows, and depending on the hospital's preference, reduce or eliminate the need for free text entry.

At case completion, all captured video, images, and data are automatically and safely sent to the VaultStream system without clinician intervention.

- Copy to VNA, send to PACS, and link to EHR
- Eliminate an inefficient trip back to the procedure room to retrieve forgotten videos



VaultStream EasyView software User Interface

VaultStream™ 10

Enterprise Content Management System

Options Support Post-Procedure Life Cycle with Anywhere Access

Access images and videos with a hospital-networked PC or iPad® from wherever you are – PACU, family waiting room, your office, or home– through the intuitive the VaultStream EasyView™ software browser interface.

Integration with Unifia System

Alert clinical staff to reprocessing status of scope when connecting to a CV-190 video processor. Provide procedure/ patient information from the CV-190 to the reprocessing record.

The VaultStream EasyView software enables an authorized user to access post-procedure video and images without the need to export patient data to insecure computers or flash drives

- Interact with your data with the same precision available in the procedure room
- Search for cases, review video and images, add labels, compare current and historical data side-by-side, print images for post-procedure patient consultation or download to a networked computer (Windows® and Mac®)

The VaultStream EasyPost Video Production

(optionally available for nCare V10 medical recorders or later and ES4K v10.4 or later.)

Be confident that all case video will be available for post-procedure editing and the patient will not need to be reimaged when using the innovative EasyPost feature.



VaultStream EasyPost User Interface

- Background recording automatically records video beginning either at patient registration or with the first image/video captured to ensure critical footage is not missed
- Post-procedure, select and adjust a key video snippet to an appropriate length before sending it to PACS / MIMPS or EHR systems automatically, resulting in improved relevance of visual data and optimized video storage space

The VaultStream EasyCut Feature allows clinicians to create their own presentation-ready videos.

Turn full-length procedures into presentation-ready highlight videos using EasyCut™, Olympus' clinician-friendly editing, and presentation application.



VaultStream System EasyCut Feature

- Bookmark key procedure moments during the patient encounter
- Define custom length clips
- Insert final clips directly into Microsoft PowerPoint® presentations along with voice overlays and annotations

Maximizing Storage Efficiency and Flexibility

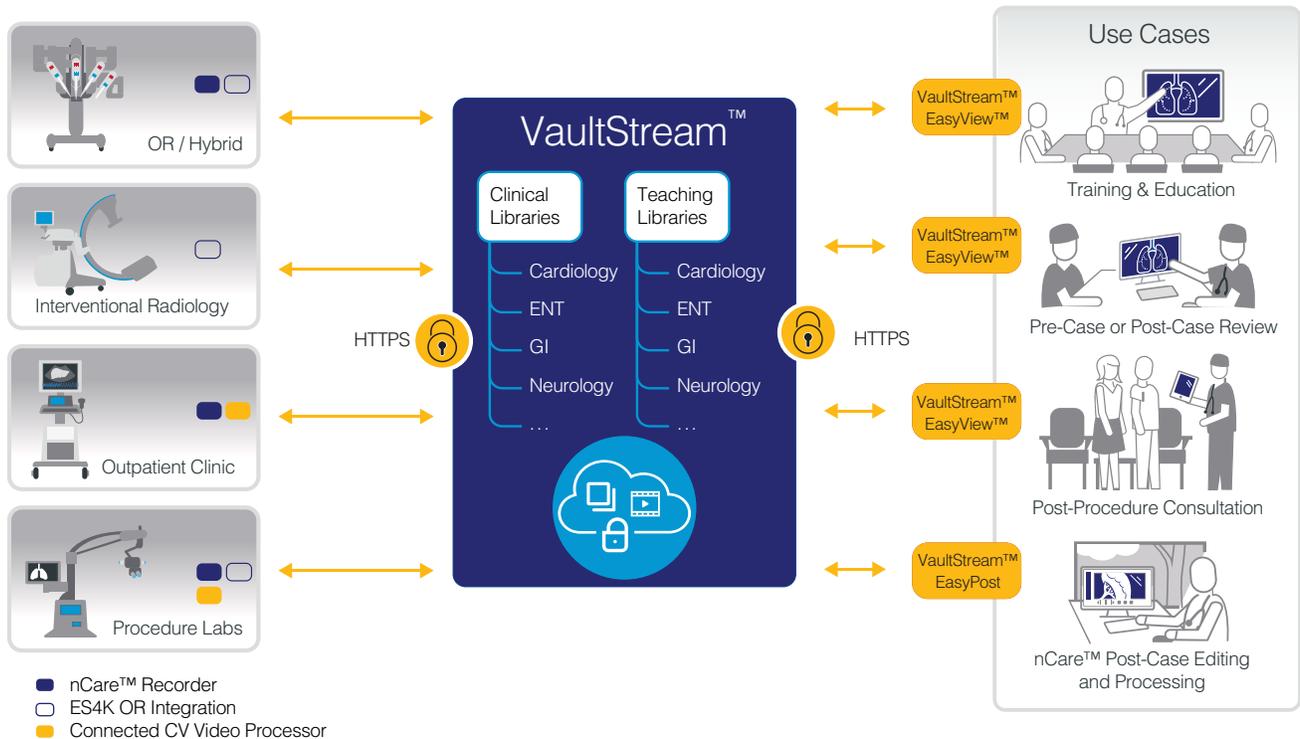
Configure case retention settings to age case data off of the VaultStream software.

- Automatically delete, or copy to a network archive location

VaultStream™ 10

Powerful. Accessible. Secure. Easy.

VaultStream System provides secure, anytime, anywhere access to valuable medical information.



Features

- Secure storage for ES4K integrated rooms, nCare™ medical recorders and connected CV video processors
- Connect directly to CV video processors directly to the VaultStream system for image-only transfers, using Knowledge Exchange (KE)
- Scalable, library-based architecture
- Enterprise-wide access with EasyView™ software
- Versatile access control and sharing options
- Adjust clinical content post-procedure before submission with EasyPost
- Automatic content storage at case finish
- Integration with UNIFIA to exchange procedure and reprocessing data with connecting CV video processors
- Printable reports with selected images
- Clinician-friendly editing and production for presentations and teaching content with EasyCut™
- Configurable case retention policies
- Searchable image and video labels
- Side-by-side historical case comparisons
- Leverage enterprise storage infrastructure for archive and disaster recovery
- Backward compatibility with nStream™ GX v9.0 and nCare recorder MX v9.0 recorders
- Create video clips of pre-specified duration at the touch of a button with AutoClip
- Standardize labeling workflows by presenting clinicians with a predefined list of labels for a procedure with AutoLabel

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