



Laerdal

helping save lives



SimCapture

Enrich your training programs, enhance patient safety and achieve better outcomes

SimCapture is an all-in-one cloud-based solution designed for healthcare simulation and education. It empowers healthcare organizations to develop competent and confident healthcare providers.

With SimCapture, any hospital or healthcare education organization can effectively manage, record, debrief, and assess simulation training and clinical exams. SimCapture also streamlines sim center operations to maximize return on investment.

All data – audio, video, annotations, patient monitors, and simulator data – is automatically captured on a reliable and secure platform to deliver valuable insights. SimCapture can be utilized onsite, in-situ or remotely. Its mobile version enables running simulations from anywhere, anytime.

Powered by AI for increased efficiency, SimCapture is the essential tool for advancing healthcare simulation.

The optimal simulation training platform for healthcare organizations across the globe

SimCapture adapts to diverse healthcare education environments and providers, supporting the shared goal of better-prepared healthcare professionals.

- Streamline your sim center management
- Record and debrief any simulation, even in remote environments with no internet coverage
- Boost learner engagement with peer-to-peer and individual practice
- Unlock competency with meaningful data insights
- Standardize and automate your clinical exams and OSCEs



Powered by responsible AI.



Simulate and record in the lab or on the go—your choice!

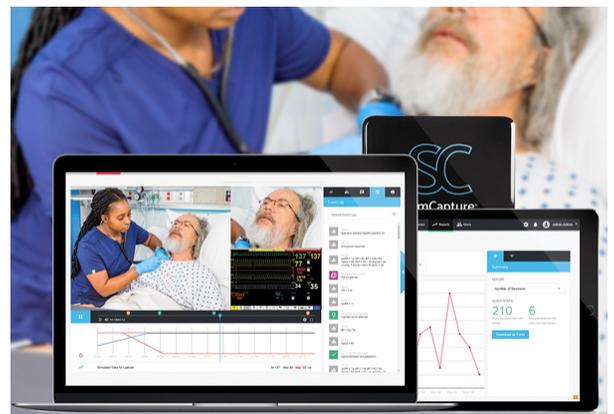
The SimCapture system provides flexibility for running your simulations wherever you are. With a **fixed solution for your simulation lab** and a **mobile app for on-the-go** sessions, you can ensure all your training is captured seamlessly.

Both options are complementary, offering versatility in any environment. The fixed lab solution allows for structured and controlled training using the sim center's advanced equipment such as manikins, simulators, and medical devices. Meanwhile, the SimCapture Mobile Camera app transforms your mobile device into a portable camera for SimCapture sessions – even in areas with limited internet coverage. Available on both Android and iOS.

Ready for efficient debriefing and feedback sessions?

SimCapture acts as an objective “third party” to clarify learners' memories, offering facilitators **advanced video features for effective debriefing**.

- Stream from multiple camera angles and medical devices with VGA, DVI, or HDMI output.
- Use annotations to guide learners through key moments of a scenario.
- Track team dynamics, patient care, and simulator use. SimCapture fully integrates with LLEAP and SimPad Plus to automatically log events and data.



Boost learner engagement with an intuitive interface for peer and individual practice

SimCapture provides **digital assessment tools and checklists** that facilitate learner-driven training, allowing learners to build competence and confidence in fundamental skills at their own pace.

Faculty can track progress with comprehensive data reporting and offer timely remediation when necessary.

Unlock competency development with meaningful data insights

Effective data collection and analysis are crucial for enhancing simulation-based education and ensuring learners develop the necessary skills and knowledge.

SimCapture automatically **collects and organizes data into trends, statistics, reports, and dashboards**. Instructors can leverage this information for objective feedback, performance tracking at individual and cohort levels, and remediation to boost competency.



As healthcare shifts towards competency-based education (CBE), SimCapture supports formative and summative assessments, allowing educators to objectively measure critical clinical competencies.



Reports include:

- Evaluation Overview: average scores, standard deviations, and filtering options for scenarios, evaluations, question categories, and dates.
- Course Score: detailed evaluation data with filters for scenarios, evaluations, and competencies.
- One-Click Course Validation: ensures all learners and evaluators complete assigned tasks.
- Q&A Analysis: detailed insights into the validity of evaluation questions.
- Inter-Rater Consistency: identifies grader anomalies easily.

A dedicated solution to standardize and automate your clinical exams

Prepare and manage Objective Structured Clinical Exams (OSCE) and other high-stakes assessments in a single solution.

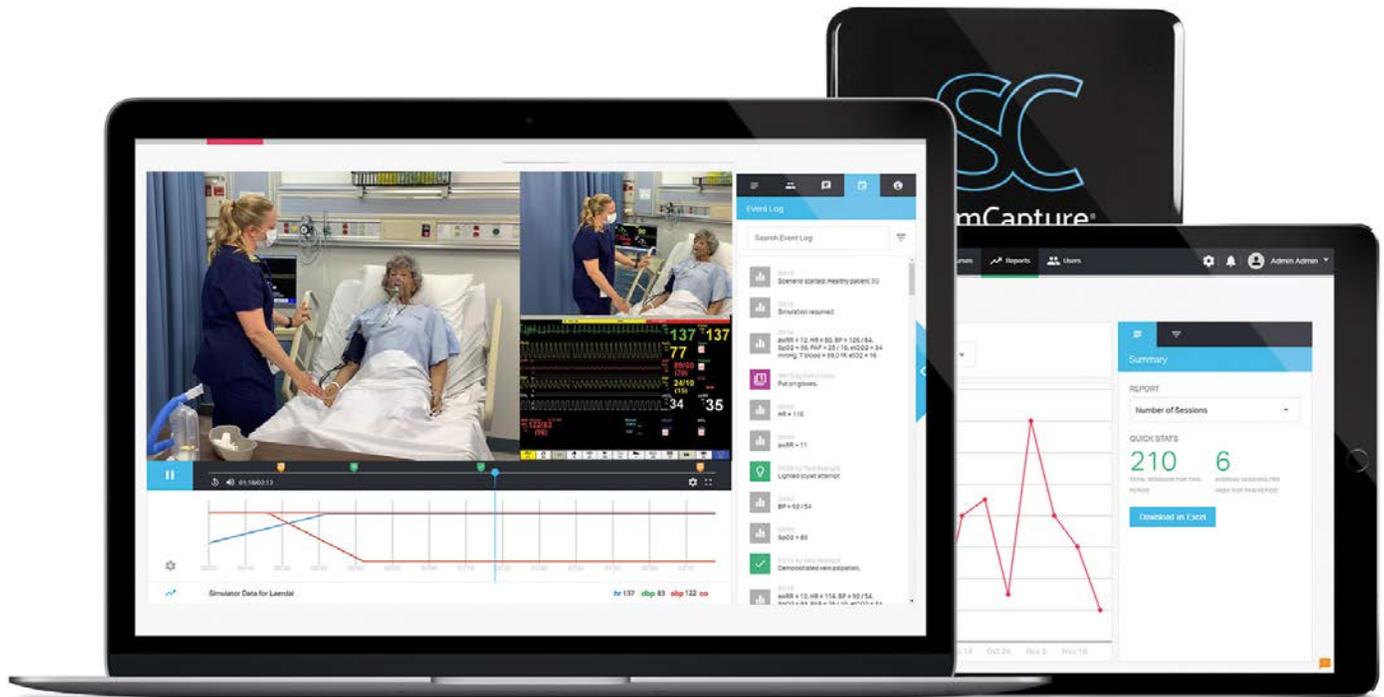
SimCapture automates and **digitalizes your clinical exam flow and evaluations**, allowing centralized management of multiple bays, rooms, and floors in a single interface.

It also supports team training and student-driven encounters, making it ideal for low-stakes OSCE and formative assessments.

OSCE can be conducted remotely using a dedicated module, eliminating the need for external video conferencing tools or third-party software.



Looking to improve Standardized Patient (SP) management? Experience the SP Management functionality in SimCapture for efficient oversight. Consolidate Standardized Patients' history, demographics, scenario assignments, and communication in one secure platform, ensuring top-level security with restricted access to sensitive data.



Streamline your sim center operations for more efficiency

SimCapture helps sim centers **maximize ROI and simulation program efficiency** through comprehensive features, including:

- Inventory management
- Scheduling
- Standardized Patient management
- Reports for resource and capacity management

The platform automatically tracks usage and outcomes by department, facility, participant, and organization, enabling simulation center managers to demonstrate ROI.

SimCapture also aids organizations in **seeking and maintaining accreditation** with a dependable clinical assessment system.

One integrated system for a seamless simulation experience

SimCapture is compatible with any manikin and simulator, regardless of brand. However, combining SimCapture with Laerdal simulators operated by the LLEAP software offers superior functionality, with optimal integration and data collection.

- Start and stop SimCapture sessions directly within LLEAP.
- Effortlessly import the log files and end data from high-fidelity simulators (including QCPR feedback) into your audio-video recordings.
- LLEAP can be operated on a PC or the SimPad PLUS tablet (ideal for in-situ training).

SimCapture also enables organizations to **share data with and from their Learning Management System** through Learning Tools Interoperability (LTI) standard-based integration. This ensures seamless functionality with Canvas, Moodle, Blackboard, and other LTI-supporting platforms.



Experience the benefits of a cloud-based solution

Continuous enhancements

- Automatic updates every two weeks (bug fixes/improvements)
- Guaranteed uptime of 99.99% and data integrity
- Proactive issue resolution via cloud connectivity

Scalability

- Easily adjustable user numbers without extra hardware costs
- Unlimited cloud storage for data and videos
- A platform that evolves with technology, now including AI for streamlined simulation management

Flexible Learning

- Remote access to videos and assessments from any internet-connected device
- Supports peer-to-peer practice, self-recording, telemedicine training, and remote OSCE functionality

Safe and Secure

- Robust encryption and compliance with GDPR
- Regular security audits and updates
- Hosted on Amazon Web Services (AWS) in your region for optimal security and performance

Enhanced Collaboration

- Multi-tenant database architecture for improved collaboration
- Connect networks across organizations and campuses
- Integration with tools like Learning Management Systems

Hardware-Free Simulation

- Complete simulation experience without fixed equipment
- SimCapture Mobile Camera app for on-site, transport and in situ simulations

AI-Powered

- Smart features to help educators save time on managing, debriefing and assessing simulation

End-to-end implementation and support

Providing quality healthcare is a journey, and we're dedicated to being by your side. Our comprehensive Implementation Service package equips users and instructors with the knowledge and insights to maximize the SimCapture solution, including technical installation and educational services. Plus, our Impact Managers are here to assist you throughout your subscription.

Educational services

Achieve success with SimCapture's educational services, tailored to your organizational needs. The 'Getting Started with SimCapture' courses, offered onsite and virtually, focus on maximizing skill and ensuring effective implementation. Led by experienced instructors, virtual sessions last 90-120 minutes, while onsite training typically spans 8 hours.

Benefits include:

- **Technicians:** Learn about data protection within SimCapture and system configuration for simulation-based training.
- **Educators:** Discover how to create scenarios and rubrics to capture simulation data for assessment and tracking performance.
- **Directors:** Gain insights into optimizing operational management and enhancing ROI with SimCapture.

Onsite services are conducted at your location to address specific needs with your equipment. Virtual sessions utilize a collaborative platform for tailored support. Additionally, Laerdal KnowledgeHub provides self-directed resources for using and maintaining equipment, and for implementing best practices.

Implementation and technical services

We understand the commitment of your investment and are here to assist you every step of the way. Our goal is to simplify your experience and ensure your equipment operates at peak performance, allowing you to focus on training.

Our team of professionally trained Technical Service Engineers is available to help with product installation, preventative maintenance, troubleshooting and repairs.

Impact management

SimCapture users benefit from dedicated support from an Impact Manager, who helps them:

- Meet learning objectives and training goals
- Maximize feature usage
- Leverage data to enhance program outcomes
- Increase utilization and adoption for better ROI

With extensive clinical experience and in-depth knowledge of simulation education, our team is here to streamline your process, boost efficiency, and ensure Laerdal supports your program throughout.

