



SIMMotion
Healthcare Video Systems



Healthcare Video Systems SimMotion

Healthcare Video Systems (HVS Systems) is a French company specializing in the development of advanced audio/video solutions for medical simulation.

Based in the Paris region, we design powerful, intuitive, and mobile interfaces that support healthcare professionals in their educational mission with tools at the cutting edge of technical developments.



OUR MISSION

Simplify your processes to maximize educational quality.

In a constantly evolving medical sector, our solutions are designed to be easy to deploy, scalable, highly secure, and high-performing.



OUR VISION

Democratizing technological excellence.

Our developers are experts in the latest programming advances and apply state-of-the-art software engineering development practices: robust architectures, optimized performance, enhanced security.



OUR PRESENCE

A rapidly expanding network.

Today, HVS Systems is recognized as one of the market leaders in France.

Our international distribution network is actively expanding in Europe, Asia, the United States, and Africa, strengthening our presence month after month in the global medical simulation market.

"Innovation at the service of education"



SimMotion is an ultra-mobile solution designed for high-quality audio/video capture for on-site simulation and debriefing sessions.

SimMotion can be installed in minutes, without any cables, complex configuration, or dependence on the site's network infrastructure.

- 
Ultra-mobile and self-powered
 SimMotion fits in a suitcase, runs on battery power for a whole day, and requires no network connection.
- 
5 synchronized HD audio/video streams
 Capture up to 5 video streams simultaneously, with imperceptible latency (0.3 seconds) for smooth, realistic rendering.
- 
Deployment in less than 5 minutes
 Thanks to our unique box, no technical knowledge is required to install the system. No cables are needed to start the system.
- 
Intuitive web interface
 The interface allows you to easily record, annotate, tag, and export your videos and related data.
- 
Compatible with all high-fidelity manikins
 Connection to all high-fidelity manikins on the market, scope and real ventilators. Direct connection to Gaumard Uni action logs, Excel import/export, automated tagging
- 
Structured debriefing, live or recorded
 Videos can be played immediately or analyzed later, with tagging, chaptering, and detailed annotation.



Quick setup

Ready to use in less than 5 minutes, no cables or configuration required



High-fidelity recording

5 synchronized HD streams, zero latency, smooth and accurate rendering



Simplified debriefing

Tags, annotations, checklists, and video exports for structured educational feedback



Total mobility

Everything fits in a suitcase, with 1 day of battery life

Smooth and easy recording for more educational debriefing.



THE EQUIPMENT



4 ultra-mobile camera housings
HD/4K PTZ cameras with battery, audio receiver, built-in Wi-Fi, and quick mount



4 wireless lapel microphones
Clear audio, long range, USB-C rechargeable



115-inch computer
Ready to use with interface installed



Secondary screen (monitoring)
Annotation management, video tags, and Uni action log viewing



1 video encoder
To connect to any simulated scope or real medical equipment



1 Wi-Fi router
Secure and stable local network, no need to connect to your network



Built-in battery
1 day of battery life in the field



Custom-made transport case
Rigid case with wheels and protective foam padding



Cables & accessories
chargers, adapters, etc.

The system can also be deployed as a fixed installation.



Comparison of HVS Systems solutions

Discover our range of cutting-edge solutions designed to meet the diverse needs of medical simulation, from mobile flexibility to advanced fixed installations. Explore the features of each version to find the one that best suits your training environment.

Features	SimMotion	AVS	AVS+
Simultaneous management of 5 audio/video streams	✓	✓	✓
Scenario creation and checklist	✓	✓	✓
Create tags and annotations, live and recorded	✓	✓	✓
Connection to Gaumard's Uni action log and import of Gaumard's high-fidelity manikin	✓	✓	✓
Compatible with all high-fidelity manikins, simulators, and medical equipment available on the market	✓	✓	✓
Creating video tags using Gaumard's Uni action log	✓	✓	✓
Export Uni action logs, checklist scenarios, and annotations to Excel	✓	✓	✓
Custom video export (by screen, by tags, by tagged actions)	✓	✓	✓
Ultra-mobile, ready to use	✓	✓	✓
Creation of assessment forms		✓	✓
Creating a tag on an element of the assessment form		✓	✓
LDAP import of your students		✓	✓
Viewing a student's simulation sessions throughout their course		✓	✓
Review and analysis of all assessment forms for a student's entire program		✓	✓
Consultation and analysis of all assessments from a simulation session		✓	✓
Excel export of assessment sheets, by student, by simulation session		✓	✓
Import/export of all system data for computer networking			✓
Management of 9 simultaneous video streams			✓
Management of available equipment and management of equipment orders			✓
Custom screen design			✓
Sending documents to debriefing and simulation rooms			✓
Assigning custom access rights			✓
Remote access to the interface			✓
Management and control of multiple simulation rooms			✓
Debriefing room management			✓
Recording and assessment of debriefing			✓
Assessment of the quality of debriefing by learners			✓
Calendar management, room booking, sending invitations via Google Calendar			✓
Solution cloud ou sur site			✓
Automatic video deletion and server storage management			✓



Healthcare Video Systems

Contact

At HVS Systems, we believe that a good audio/video debriefing system should not only meet technical requirements, but above all adapt to your needs and evolve with you.

SimMotion has been designed to offer an intuitive and flexible interface that is easy to use and deploy.

Contact us to find out how SimMotion can transform your simulation debriefings.



www.hvs-systems.com



info@hvs-systems.com



Healthcare Video Systems

