

SIMBOOST UNLIMITED

Manage Simulation Center



SIMBOOST software manages simulation training, collects data during the training, and performs video-based and goal-focused debriefings. The software supports the entire training process - from the planning stage, through the actual training, activities observation, feedback collection and debriefings.

SIMBOOST is renowned for enabling centers to effectively train thousands of trainees each year.



A-Z software solution



Adaptive methodology



High-impact training



Efficient resource utilization

Key Features



Audio-Video Recording

Synchronized HQ AV recording is at the heart of SimBoost. Capture cameras/screens/microphones in the system.



Monitor Capture

Screen capture of simulators, mannequins & medical devices.



Multiple Screens

Multi-screen support, including for different audiences. A station can display a clean screen for observers and another for the operator with his controls.



Email Service

Sends preparatory emails to the learners a day before the simulation. send multi-media feedback to learners after the simulation.



Split Screen

An operator has a flexible display of multiple video captures, in changing arrays, and from more than one room.



Simulator Data Interface

Receive events and data from simulators & mannequins. Send commands to initiate sequences.



Live Intercom

The operator is able to talk to the participants, to the earpiece of an SP or make announcements using the PA system.



Train-The-Trainer Mode (TTT)

Import external or past scenarios and run them as if they are happening in real time. This mode allows to greatly simplify the operations required to train the instructors of the center.



Scenarios & Feedback Forms

Define the Scenario parameters you want to use or use the default ones. Define the feedback forms that the observers will fill.



LMS Integration

Establish an interface for two-way data transfer from SimBoost and an LMS. Transfer and use data regarding Learners, courses, tasks, grades and evaluations.



PTZ Control

Pan, Tilt and Zoom the cameras.



Self-Debriefing From Home

Allow learners to continue to debrief and learn even after they leave the center, with access to their videos, annotations and feedback.

Modules



Management

Manage and organize all the physical resources of the center (e.g. rooms, cameras, microphones, simulators) and the management of activities, personnel and the simulations scenarios.



Scheduling

Eliminates complicated manual coordination, making it possible to effectively train hundreds of trainees a day. Auto-schedules while considering training goals and constraints such as the objective of the training, the number of trainees in each session, the order of training, rooms, roles, previous training, etc.



Operation

Each instructor controls one or more simulation rooms using this module. Activate synchronized scenarios with a single button to set in motion a range of automated activities.



Scenario Media Player

Present on command to the participants of a scenario materials for that scenario on a large screen. Pop up an X-ray after a request from a learner, the patient medical file, sound an audio file with scream sounds and many more options to make the scenario as real as possible.



Observation

While watching the simulation, the instructor or learners acting as observers will write free notes or use pre-prepared notes to mark interesting moments. These notes will be shown later as short video clips or as marks on the video timeline, according to the time the notes were written.



Feedback Collection

In order to maximize the learning process, participants, viewers & instructors fill out scenario-tailored feedback. The system supports a wide range of feedback tools - online / offline, via a computer, tablet, personal phone or through the participant portal.



Debriefing

In many cases, the debriefing is the most essential component of the simulation learning process. Once the simulation is over, all the debriefing materials are ready in one place, including the auto edited video clips from the simulation.



Permissions

Add roles to better control who can do what. Customized advanced permissions allow to define user groups and what they can see, and what parts of the system they are exposed to.

Modules



Check-In Station

Once the staff and participants identify with their ID badge at the center's entrance, they are presented with their first activity location and details and the system knows they have arrived.



Exams Module

Enhance the learners' evaluation process by adding computerized exams, quizzes and more to scenarios. Use weighted scoring to add emphasis to specific questions.



Briefing

The briefing module allows Instructors to present the participants files containing theoretical background material relevant to the simulation, or specific data of the scenario in which they were intended to participate.



Smart Signage

Screens can be placed in the simulation center to direct the trainees and staff to activities. The screens display information about the training, and their physical locations in the various facilities at the center.



External Web Portal for Learners Management

The external portal is designed to expand the learning process so that it begins even before the trainee arrives and continues even after leaving. The portal allows registration and preparation for simulations from home and afterwards further viewing & self-debriefing in the learner's own time.



Attendance Supervisor Tablet

On crowded days, allow a supervisor to walk around and respond in real-time to logistic issues the instructor/learners are raising by easily inputting it to the system and getting immediate feedback. For example, if somebody had to leave in the middle of the day, and the scheduling needs immediate updates.



External Portal for Staff

The system staff portal enables working with the system from outside of the simulation center either via the Internet or through the corporate network. The portal enables scenario planning, registration of activities, assigning staff, viewing the debriefings, grading, personal reviews of the trainee.



"On Air" Smart Sign

A screen at the entrance to each simulation room provides an "On Air" indicator as the cameras in the room record, in addition to information about the activity taking place in the room.

Modules



Reports Generator

Create new reports in the system, tailored to your needs. These reports will be added to the collection of reports already available within the system.



Technician Module

As part of SimBoost support for multi-site deployments, a technician can monitor in real time and control the different IT and AV systems of the sim centers from one location.



Building Infrastructure Control

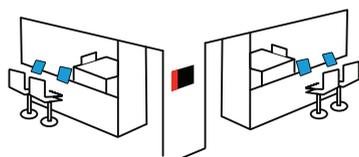
Automated control of the building's infrastructure and devices for enriched scenarios and efficient operation. The module enables control of the building facilities, such as lighting, electric curtains, doors, smoke machine, air conditioner, sound effects and more, in accordance with early planning.



Inventory Management

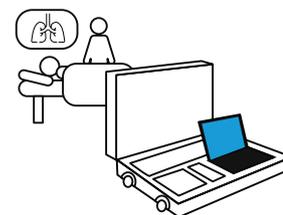
Different scenarios require different equipment as well as perishables and therefore, for each simulation in each room, exactly the right kit must be prepared. Set the inventory required for each scenario. Produce a report of the needed perishables for each room in a specific day, or for the whole center for a date range.

Versatile Solution



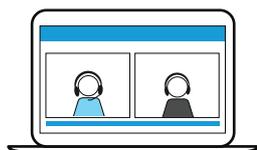
Simulation Centers

A-Z management solution for different types of sim centers, from the very large and down to smaller ones.



SimBoost Suitcase

Deploy outside of the sim center to add training in the real environment.



SimBoost Tele-Training

Conduct fully synchronized sessions with remote participants in virtual simulation rooms.



SimBoost Mobile

Personalized information for trainees before and after the activity.



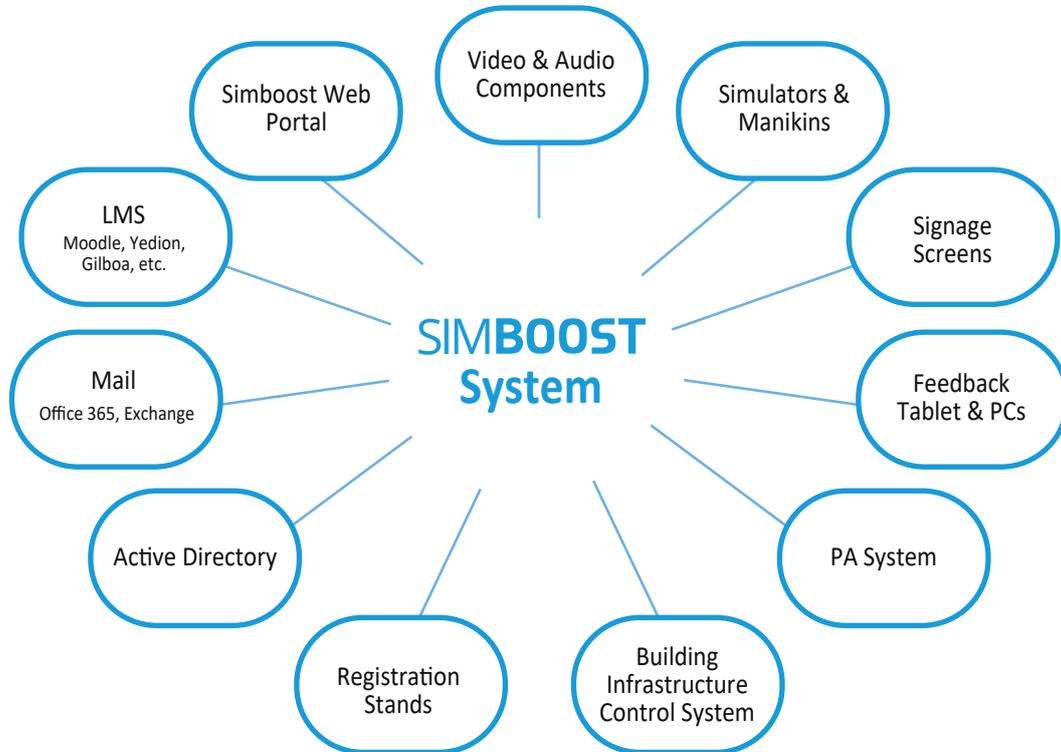
SimBoost Multi-Arena

Allow training across multiple arenas and locations. Auto tracking between the locations, inside and outside.

SIMBOOST Platform

Interfaces

Simboost system interfaces include a variety of internal and external components to support the complete learning process.



For more information, contact us at sales@simboost.com