Nordic technology for your simulation center
A full simulation center in **42 days**

With 30,000 students and campuses in Cambridge and Chelmsford, Anglia Ruskin University is the largest university in eastern England. In the past five years, the university has invested more than 82 million pounds in cutting-edge teaching technologies. Building and outfitting a state-of-the-art simulation center was one of the key goals with this investment.

First, a delegation of professors from Anglia Ruskin visited Finland to get acquainted with simulation centers built by Nordic Simulators Ltd. Impressed by what they saw, they decided to order preliminary plans and an estimate.

Not long after this, the decision to build was made and a contract signed. Nordic Simulators started preparing for the project, and the company’s team of in-house experts arrived in England just three weeks after the order was placed. The build team completed construction of the simulation center within a week of arrival, after which our technical team installed all the required technology in less than a week.

Training and final inspection were completed just 42 days after the order was officially placed. The university’s management was amazed at the speed and quality of Finnish workmanship.

This result was made possible through many years of experience, thorough design, dedicated personnel, long hours, and the “plug and play” installation technology developed by Nordic Simulators.
Nordic Simulators Ltd. has a high credit rating and a “Strongest in Finland” certificate as an indication of reliability and good financial standing. Nordic Simulators Ltd. is owned by the management of the company and partially by the Finnish government. Our office, service facilities, and assembly hall are located in Lahti, Finland, a regional hub and center of expertise.

We are committed to delivering top-quality, practical design and comprehensive personal service. Our turnkey simulation center concept has been developed specifically with health care professionals in mind, through collaboration with end users, which makes it a highly functional and practical solution.

Expertise at your service

At your service is our comprehensive experience of simulation centers around the world. We are committed to learning from every project – to ensure continuous product development. We also have nearly 20 years of experience in health-care training and education under our belt. This provides an excellent background for fully understanding the broad range of simulation requirements our customers face.

Why use simulation center designer?

We provide a highly realistic 3D model of your simulation center, to ensure that the delivery meets your specific requirements. This is of great practical benefit. The design package also includes images and videos of the simulation center in action and PC software that allows a “walk-through” of the simulation center.

Comprehensive maintenance services

Our expert maintenance and service personnel have an extensive stock of spare parts at their disposal, for smooth operation. Our service crews have received heartwarming feedback from our customers for their availability and their approach to service.

Impressive references

Our customers include hospital districts, defence forces training centers and several colleges, hospitals and emergency services. We are dedicated to 100 % customer satisfaction.
Designing

Our globe-spanning experience and you – cooperation to create your simulation center

Solution

A simulation center solution that includes everything from sound effects to recorders

Strategic

Recorder

HD-quality recording system for your simulation center

RecMobile

Wireless HD quality and an easy-to-use mobile recording system in a hard case

Debriefing Recorders

Environment

A virtual room with multiple projectors – all training environments in one room

SoundBoard

A wireless touchscreen sound system – realistic sound environments for the training room

Other Simulation Products

SmartWindow

A digital window for simulation centers in which a physical one-way window cannot be built for the control room

Accessories

Accessories for simulation centers, from signs to clothes for patient manikins

Plug and play simulation products

All Nordic Simulators products are designed to be easy to use and fast to install.
The structure of simulation center

- Training studio - street
- Training studio - ambulance
- Training studio - trauma room
- Training studio - ICU / ward
- Storage room
- Preparation room
- Debriefing room
- Skills stations

- Accident vehicle
- Prop bicycle
- Fully equipped ambulance
- Nordic SoundBoard
- Nordic SoundBoard
- Nordic SoundBoard
- 50" display
- Cupboards
- Nordic Solution
- Door to another training studio
- Door to another training studio
- Door to another training studio
- Door to another training studio
- Tetherless patient simulator
- Tetherless patient simulator
- Tetherless patient simulator
- Tetherless patient simulator
- 16 HD quality IP cameras, 8 of which are pan/tilt/zoom models
- 20 wireless microphones
- Nordic debriefing unit
- Nordic SoundBoard wireless speaker
EASE OF USE

Nordic Simulators debriefing and recording software for training is easy to use, reliable, and of high quality. The same software runs our multi-channel recorder (Solution), lighter recorder (Recorder), and mobile recorder (RecMobile), so familiarity with one recorder means that you can use them all. The main goal in our product development has been to create a product that is user-friendly and whose basic set-up can be learned in just five minutes. Our target is for the training instructor to be able to focus on medical factors without having to worry about technical details during the training. The user interface is simple, and all unnecessary buttons have been removed.

SOFTWARE

Wirelessly, the software records several HD-quality cameras, sounds, and streams of vital monitor information simultaneously from the patient simulators. Important teaching points can be chapter marked in the recording during training. Then, these chapters can be watched in debriefing without a need to watch the entire training session. Also, you can write your own comments to accompany the chapter marks and use symbols as a debriefing aid.

In debriefing, you can freely choose which camera’s output you wish to watch or the camera microphone signal you want to be audible. The system allows you to install recording units in almost limitless numbers and flexibly add debriefing units for your simulation center.

HARDWARE

The software enables simultaneous use of almost a limitless number of connected cameras and at the same time monitoring of as many as 16 camera feeds. All cameras are digital IP cameras with HD quality. The cameras have built-in microphones, and you are able also to add high-quality zooming and 360-degree-rotation cameras that can be controlled from the software. Cameras have infrared lights and night recording options, enabling training in special circumstances - for example, in power-loss scenarios.