SIMStation Enterprise

Full-fledged AV-Systems with a new level of quality, flexibility and versatility for training and simulation facilities

www.simstation.com

Georg Pridun
Sales Director
mail: g.pridun@simstation.com
Unique Software

The SIMStation Control Room Software is the control centre of the SIMStation Enterprise system. At the same time, it’s incredibly easy to operate: simply by clicking on the clearly-marked buttons, you can start and stop the recording. The cameras’ video signals are transmitted and recorded in unparalleled, full HD quality without any time delay. PTZ cameras can be easily steered directly through the software, and every connected microphone can be switched on and off directly from the touchscreen. Using preconfigured icons, which can be modified in the included icon editor, you are able to mark and annotate important events during the training in a uniquely straightforward manner.

The SIMStation Tablet, linked via Wi-Fi, is the instructor’s universally applicable “personal assistant”. It can of course be used during training to set markers and annotations, but what really makes it special is how it facilitates a whole new dimension of quality and efficiency in video-supported debriefing. The instructor does not need to operate any other computers to bring up the videos; they simply use the tablet in their hands, upon which all markers and annotations have been clearly and logically listed during the recording. One click on a marker is all it takes to start playing back the appropriate scene on a TV panel or projector. PDF, PowerPoint and Learning Videos can also be seamlessly called up via the tablet and integrated into the debriefing.

The innovative SIMStation Manager is a web-based solution allowing the facilitator to prepare and post-evaluate training units effortlessly and regardless of his location at any time. The web application makes it easy to set up individual training units and scenarios based on customized data bases. Video recorded scenarios can be reviewed, assessed, edited and exported to various file formats.
Planning and design of turnkey solutions.

With its multidisciplinary team, SIMStation covers the entire range of services, from conception and construction, all the way to supporting ongoing operations. We offer professional support in the functional and technical planning of your simulation centre, install and assemble appropriate hardware and implement suitable software. After successfully launching, we provide training and ongoing services, which also include regular comprehensive software upgrades.

Basic Units

Every simulation room comes with several HD network cameras (1080p), microphones and a speaker system (Voice of God). PTZ dome cameras, stationary cameras or mobile, wireless cameras are respectively advisable according to the desired purpose. SIMStation products are compatible with all models of AXIS, the market-leader in network cameras.

Every control room comes with a compact server-case, in which the essential wireless and AV technology is housed. The SIMStation Recording Software is operated via one or more extensive touchscreens. With a conference microphone it is possible to talk to other instructors or to the simulation rooms.

Every debriefing or live transmission room is equipped with a SIMStation Player. Via the player’s HDMI output, both small meeting rooms and large auditoria can host recordings, on TV panels or projectors respectively. Video debriefings and live transmissions are controlled via the SIMStation Tablet.
Highly scalable SIMNet

3 × 5 × 3 × 5 ×
**Modular concept.**
Any number of training, control and debriefing rooms can be linked to a SIMNet by connecting the components via conventional network cables or Wi-Fi. The installation work required is therefore minimal.

Newly connected components such as cameras, tablets or network storage are automatically detected and integrated into the SIMNet. The SIMStation Tablets are not bound to specific rooms, but can instead be used by the instructor in every room. The network-based architecture also makes it possible to connect multiple centres – or make simulations accessible – over the internet.

**High scalability.**
The modular concept behind SIMStation’s product range makes it the ideal choice for all simulation centres wishing to expand their facilities, premises and capacity over the years. It is possible to start out with a basic configuration and later expand the system step by step through the addition of further components. In contrast to conventional, centralised and server-based systems, which from the outset must be set up with any potential future upgrades to maximum capacity already in mind, SIMStation Enterprise is a modern, modulated system, which automatically, using the principle of a “private cloud”, uses the resources of all connected devices and expands their capacity with every additional component added.

**Reference projects.**
We have realised numerous projects throughout Europe, the U.S. and the Middle East. The range extends from mobile in situ simulation systems and medium scale simulation centres in hospitals and paramedic schools, all the way up to major training and educational centres at medical universities. Amongst our many renowned clients we count university clinics in Zurich (Switzerland), Vienna (Austria), Munich (Germany), London (U.K.), Paris (France), Riyadh (Saudi Arabia) and Karachi (Pakistan).
SIMStation References

Worldwide Projects
Since 2013 we have implemented numerous SIMStation systems worldwide, mainly in Europe, the U.S. and also Middle East, from the individual in situ facility right up to major simulation centres. Amongst others, large U.S. hospital systems and renowned medical universities in London, Paris, Munich and Vienna rank among our customers.
In addition, we are constantly expanding our network with product partners and distributors. Check out the corresponding pages at our website.

SIMStation is distributed worldwide, either directly from our headquarters in Vienna (for Northern and Western Europe), or through another distributor and partner, including those in the U.S. and Middle East.
In order to be continually learning and discovering the demands for further developments of our systems, our employees attend in situ training all over Europe and take part in national and international simulation events.

Fields of Application

In-situ, Clinics  Preclinical  Simulation Centres  Public Safety Organisations

Contact

Joachim Hilbrand, CEO  Director of Software Division
mail: j.hilbrand@simstation.com

Christian Müller, CEO  Director of Hardware Division
mail: ch.mueller@simstation.com

Georg Pridun
Sales Director
mail: g.pridun@simstation.com

Live presentation or trial? We'll come to you!

SIMStation GmbH
Ruedigergasse 10
1050 Vienna, Austria
phone: +43 1 815 26 24-53
fax: +43 1 815 20 15
mail: sales@simstation.com
web: www.simstation.com