

XENTAURIX® SIM-Companion



3D Simulation is used for operational training in complex technical environments. Simulators are comprehensive systems which replicate the real environment so that trainees can rehearse driving high-cost complex technical systems such as large vessels, airplanes, trucks or handle potentially hazardous situations as in air traffic control, firefighting or harbour management.



TouchControl GUI (9-Split Example)

XENTAURIX SIM-Companion is a video/audio recording system that can easily be attached to those simulators for simultaneous recording and playback of video, audio and metadata. It helps to monitor the psychological factors of training, completely in sync to the recorded simulation exercise. What are the reasons why trainees do mistakes? How can the trainer judge their concentration and behaviour?

High Definition cameras, high quality microphones and monitor screen capturing devices can pick up everything in the simulator room which is important to view and hear. The trainer can find reasons for trainees' mistakes, even in complex combined exercises across several simulators. A better overview on the exercise brings better results to the outcome.



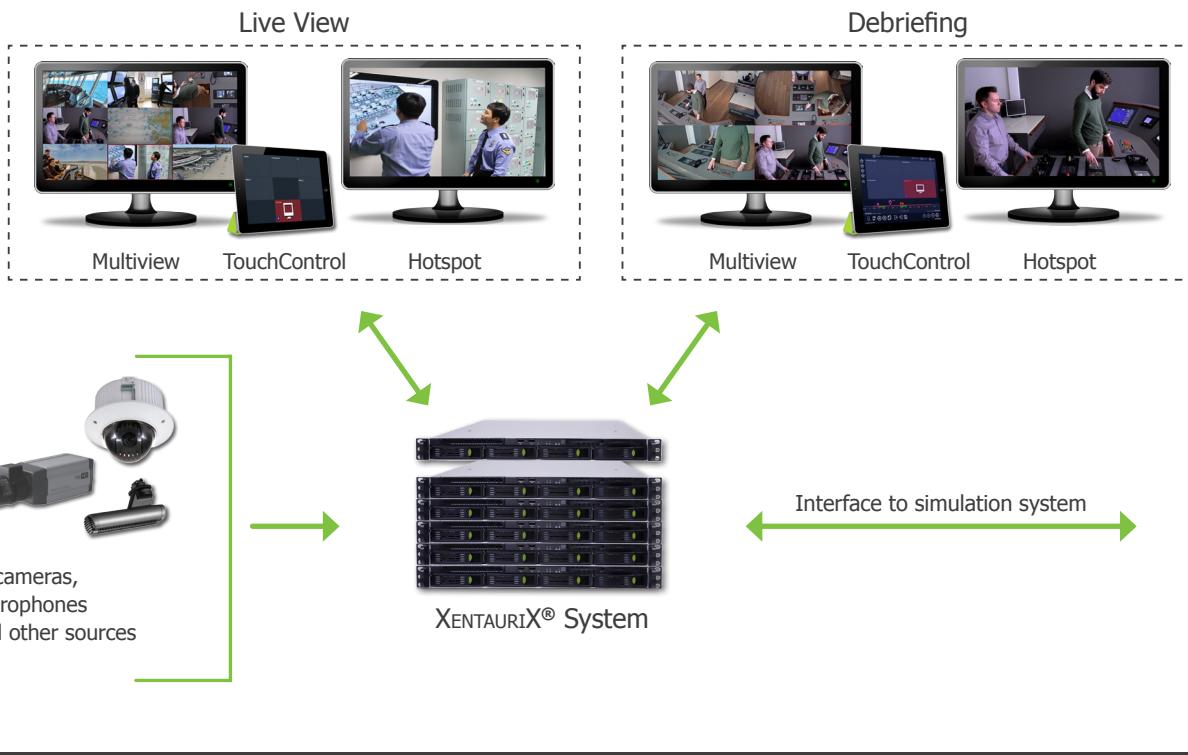
Multiview with 4-Split

SIM-Companion features:

- **Multiview:** visualization of all important sources in sync with the simulation
- **TouchControl:** fast and intuitive GUI for selecting individual sources
- **Marker Tools:** for remembering situations of interest
- **Video Clip Export:** for saving videos for later re-use

All of this makes XENTAURIX® a true companion to any simulation training environment.

XENTAURIX® SIM-Companion



- ✓ Full HD resolution: Don't lose details.
- ✓ Adaptive camera settings:
See details in any lighting.
- ✓ Full frame rate: Smooth movements in sync to recorded simulation.
- ✓ Audio support: See and hear what has happened.
- ✓ Multiview: See any choice of cameras or recorded monitor screens.
- ✓ Hot Spot: Pick any video/audio source to a separate monitor for viewing details.
- ✓ Source Group Management:
Record complex/combined exercises.
- ✓ Simultaneous Debriefing (Replay) of previous exercises.
- ✓ Intuitive TouchControl Operation:
Fast recall and replay of exercises.
- ✓ Markers: Add / Remove / Edit markers while Recording or Debriefing:
Easy and fast Debriefing!
- ✓ Clip Export: Mark in-/out points and save video clips for later use.
- ✓ Interface to Simulation: No need to change your way to run an exercise.
External Record Control.

artec technologies AG — listed on the stock exchanges - is based in Diepholz/Germany. artec develops and produces innovative software and systems solutions for the transmission, recording and analysis of video, audio and metadata in networks or the internet. Since the year 2000 customers have been using artec's brands MULTIEYE® for HD Video Surveillance Solutions and XENTAURIX® for Broadcast Logging and Streaming. artec provides an overall sophisticated full service, including project management, commissioning, service/support and custom developments.