

Outstanding VR/AR/MR Application – NEW 2019 CATEGORY

This award recognizes the innovative use of VR/AR/MR technologies to develop effective and efficient training and performance support interventions. Application of VR/AR/MR spans a broad continuum ranging from individual and team training to individual and team performance support.



Winner

Reiser Simulation and Training MR Training for Helicopter Emergency Medical Service (HEMS)

This mixed-reality (MR) solution is used for training the Medical Crew Member (MCM) onboard a Level D Helicopter Full Flight Simulator. The simulator is based at NCCH in Stavanger, Norway and is used for pilot and crew training of Helicopter Emergency Medical Service (HEMS) missions. The MCM wears a MetaVision Meta 2 MR goggle which allows him to “see-through” the goggle while communicating with the flight crew and operating onboard equipment, and be presented the virtual outdoor scene when looking outside the opened cabin door or the helicopter windows. The AR device enables him to perform all MCM mission duties from clearing the rear part of the helicopter when landing in confined areas as well as observing any hand signals given by the Rescue Man attached to the rope underneath the helicopter. Training is enhanced by a night-vision mode. The new MR capability enables training of both pilots and medical crew members within the same training session.

For more: <https://reiser-st.com/h145-helicopter.html>



Outstanding VR/AR/MR Application – Reiser Simulation and Training MR Training for Helicopter Emergency Medical Service. Image credit: Reiser.