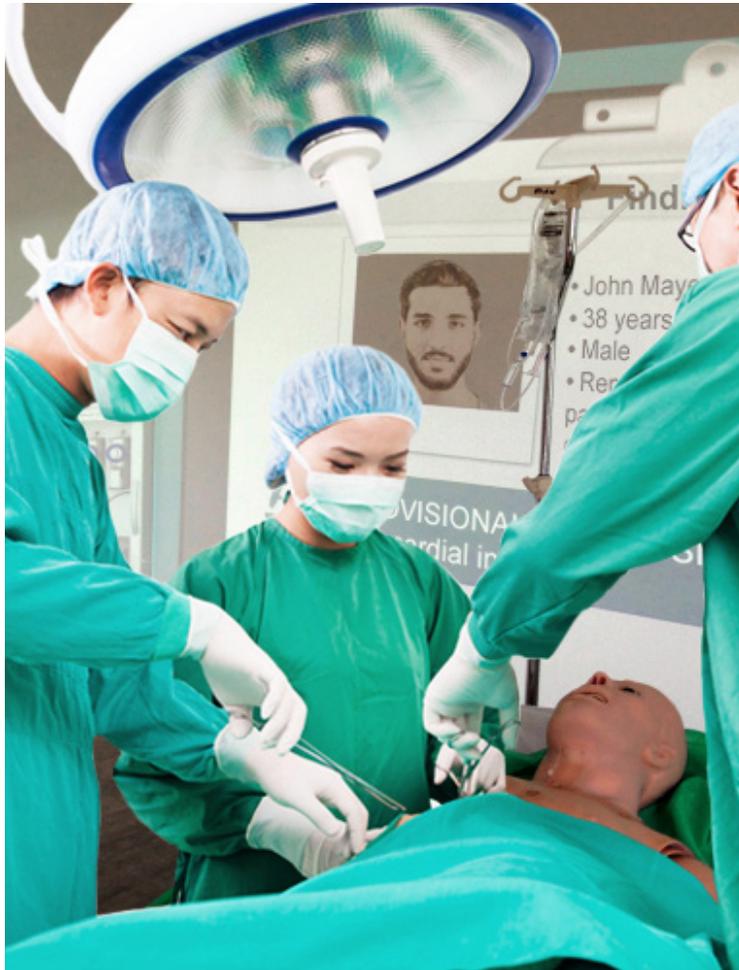


# IMMERSIVE ADVANCED SIMULATION



e-REAL®

[www.e-real.net](http://www.e-real.net)

**ENHANCE THE LEARNING EXPERIENCE LIKE NEVER BEFORE!**

# CONTEXT IS KEY TO LEARNING



**ENTER THE COMPLEXITY  
OF THE REAL LIFE WITH  
A SMART APPROACH**

Have you ever felt that a patient simulator is not enough? e-REAL integrates the patient simulator within a multisensory scenario, based on challenging case-studies developed by visual storytelling techniques.

In the e-REAL scenario learners practice handling realistic situations, rather than learning facts or techniques out of context.



### **EACH LEARNER CAN:**

- Have a complete overview of a case
- Visualize test results and complete physical exams
- Look at the case sheet
- Communicate with the patient and the health care team
- Access relevant information
- Take a look at professional literature and consult strategic guidelines.

- **IMMERSIVE SIMULATION**
- **INTERACTIVITY**
- **VISUALIZATION**
- **BEHAVIORAL COMPETENCIES**
- **PROFESSIONAL SKILLS**
- **EMOTIONS AND STRESS**

# WHAT IS e-REAL?

**THE ULTIMATE IMMERSIVE  
LEARNING EXPERIENCE  
FOR HEALTHCARE  
PROFESSIONALS**

e-REAL is the merging of real and virtual worlds: an environment where physical and digital objects co-exist and interact in real time.

Designed to improve the performance of healthcare professionals, e-REAL integrates a wide range of different simulation technologies, highly realistic scenarios and challenging case-studies to create the optimal learning set-up.

In e-REAL, learners are completely immersed in a 3D scenario where they can interact by natural gestures – without the constraint of wearing glasses, gloves or headsets.



## INTERACTIVE WALLS

- 3D medical visualization
- Scientific literature
- Repositories



## IMMERSIVE SCENARIOS

- Visual story-telling
- Multisensory simulation
- Augmented reality glasses



## WRITABLE WALLS

- Take notes
- Fill questionnaires
- Underline key concepts

# HOW e-REAL WORKS?



## CHALLENGING CASE-STUDIES

Each small group - from 3 to 8 people - is immersed in a patient-care scenario.

## PRACTICE AND LEARN

Each user can practice on the mannequin, interact with the virtual scenario and the real team, access to very rich content.

## ASSESSMENT AND FEEDBACK

Core competencies are assessed, and a detailed written feedback is provided.

**REACH PROFESSIONAL  
EXCELLENCE  
THROUGH IMMERSIVE  
SIMULATION**



e-REAL takes users in a full interactive and immersive ecosystem. Learners participate in a simulated patient-care scenario, experiencing and managing realistic and complex situations.

e-REAL addresses both clinical and behavioral aspects of performance.

Learners are asked to make critical decisions, complete physical exams, recognize a situation requiring rapid intervention, perform technical skills, communicate with the patient and the health care team, interpret test results, manage unforeseen events, etc.

Feedback is provided throughout sessions – with a focus on soft skills related KPIs such as leadership and fellowship, team-work facilitation, team spirit and effectiveness, knowledge circulation, effective communication, relationships and power distance, fixation errors management, meta-cognitive flexibility.

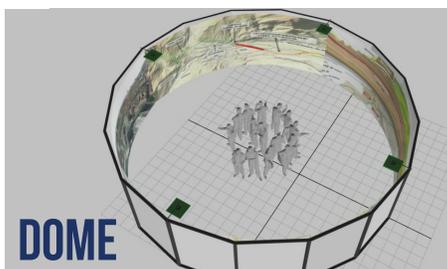
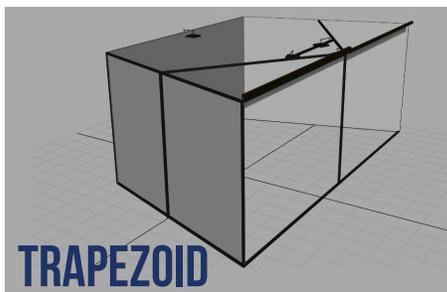
Our solution makes it easy to measure outputs in line with the most demanding traceability standards. Upon request core competencies (both technical and soft skills) are assessed, and detailed written feedback is provided.

# e-REAL SET UP

A SMART SOLUTION FOR  
COMPLEX SIMULATION

**LEARNERS GO THROUGH REAL  
SCENARIOS IN REAL TIME WITH  
REAL RESOURCES:**

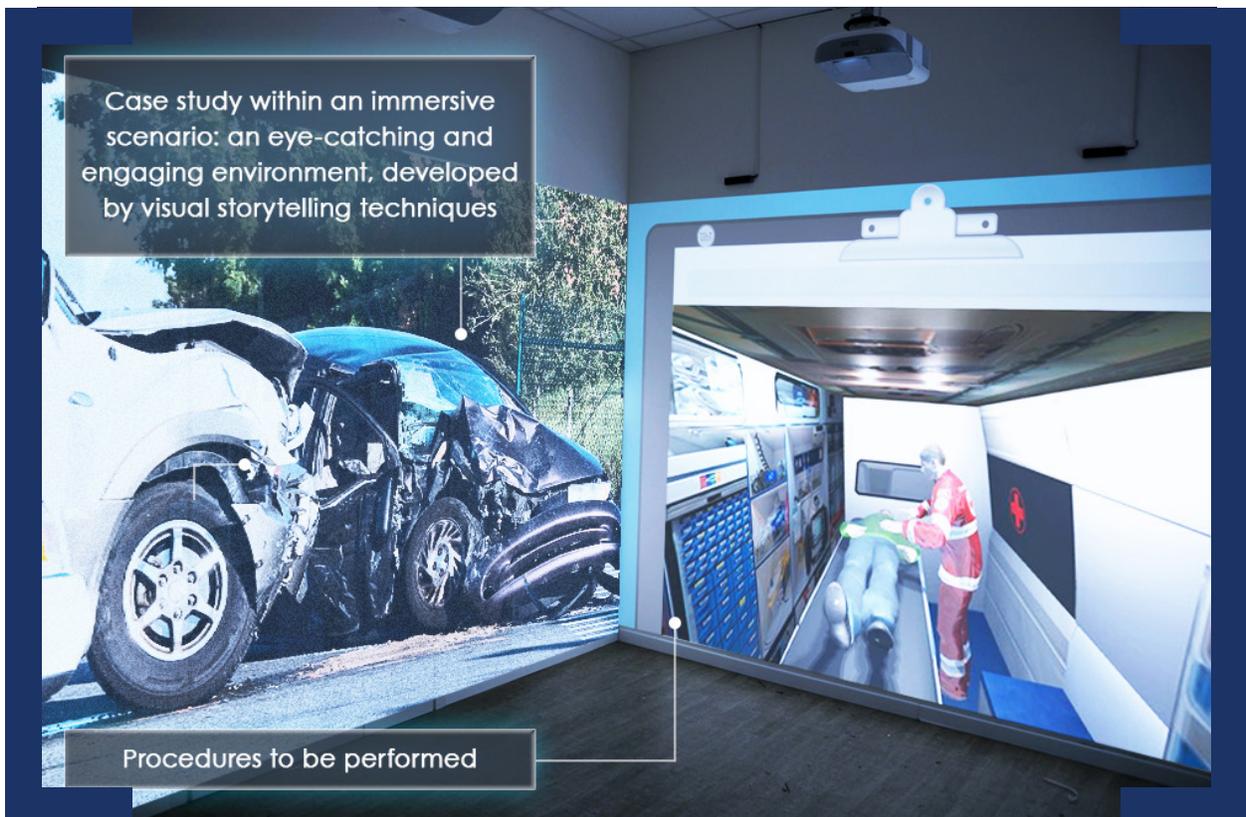
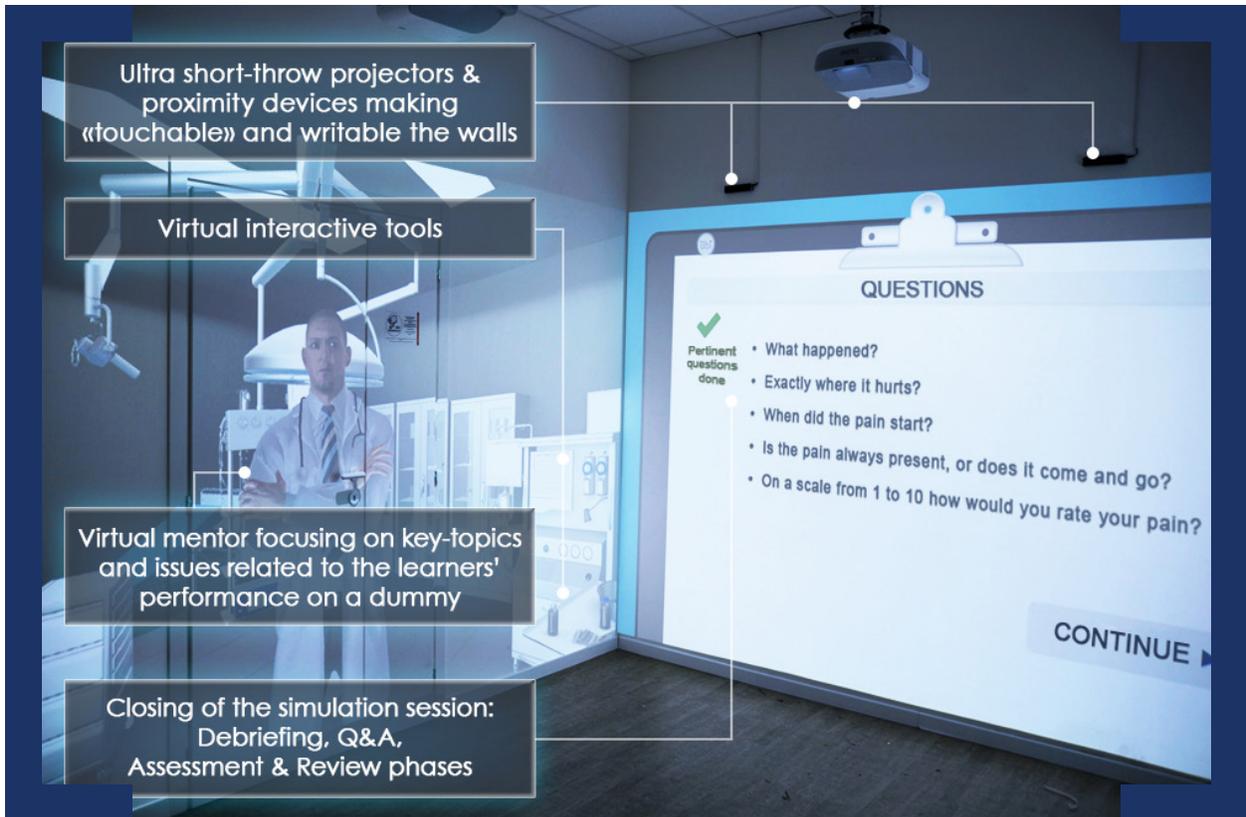
**THEY FEEL THE SAME PRESSURE  
AND THE SAME ADRENALINE RUSH  
AS IN REAL LIFE!**



We create flexible, convenient and customized solutions for all your learning needs. Using the latest motion tracking technologies, our immersive settings are fully interactive - making the walls touchable and writable.

The entire system is controlled by an easy-to-use interface. It is simple to setup, maintain and scale. As an option, the system can be managed remotely in real time by our team.

Both portable and permanent fixtures are available, as well as multiple localization and language options.



# 7 REASONS TO CHOOSE e-REAL

- ✓ Enhances multiple competencies rather than focusing on a single skill.
- ✓ Simplifies the access to simulation providing an immersive scenario without using glasses.
- ✓ It's easy to setup, utilize, maintain and scale.
- ✓ Increases learning retention and consistency: up to 85% of e-REAL users who go through simulations perform better on subsequent tests and tasks.
- ✓ Offers an affordable, best quality solution:
  - 10 times less expensive than CAVE-like settings,
  - 10 times more powerful.
- ✓ Allows an effective assessment of competencies with reliable feedback and outputs traceability.
- ✓ Enables customization and localization: technologies, languages and content could be completely personalized.



# ENTER THE FUTURE OF LEARNING

## ARE YOU READY TO JOIN THE e-REAL EXPERIENCE?

e-REAL is available as a stand-alone learning solution or bundled with an advanced patient simulator - connected to the same e-REAL system.

The system comes packed with 30+ different simulation scenarios: road accident, emergency department, terrorist attack, etc. Other scenarios can be designed upon request by our team or directly by our clients, thanks to an easy editor.

e-REAL enables both immersive learning within the simulation room and e-learning, to allow continuity in-between macro and micro simulation.

Additionally, assessment programs are available.

Our team is available to adapt any space into a user friendly immersive setting!

**LET'S WORK TOGETHER!**