



## SOFMEDICA

Pioneering Excellence in Medical  
Education and Innovation

ACCELERATING THE WORLD'S  
TRANSITION TO MEDICAL XR TRAINING.



**ORama**   
Virtual Robotic Surgical Training Simulation



### THE CHALLENGE



Enhancing Performance and Reducing Costs for surgical robotic training.

- Enhance **trainee performance** before **robotic training** .
- Boost **memory retention** and **psychomotor** skills .
- **Reduce training cost**, while **elevating learning outcomes** .

### THE SOLUTION



Future-Proof Robotic Training with Digital Twins and Custom Escalating XR Simulations.

- **XR** simulations as '**digital twins**' of **existing robotic training modules**.
- **Future-proof** and **cross-platform** training for **da Vinci Surgical System**.

### THE INNOVATION

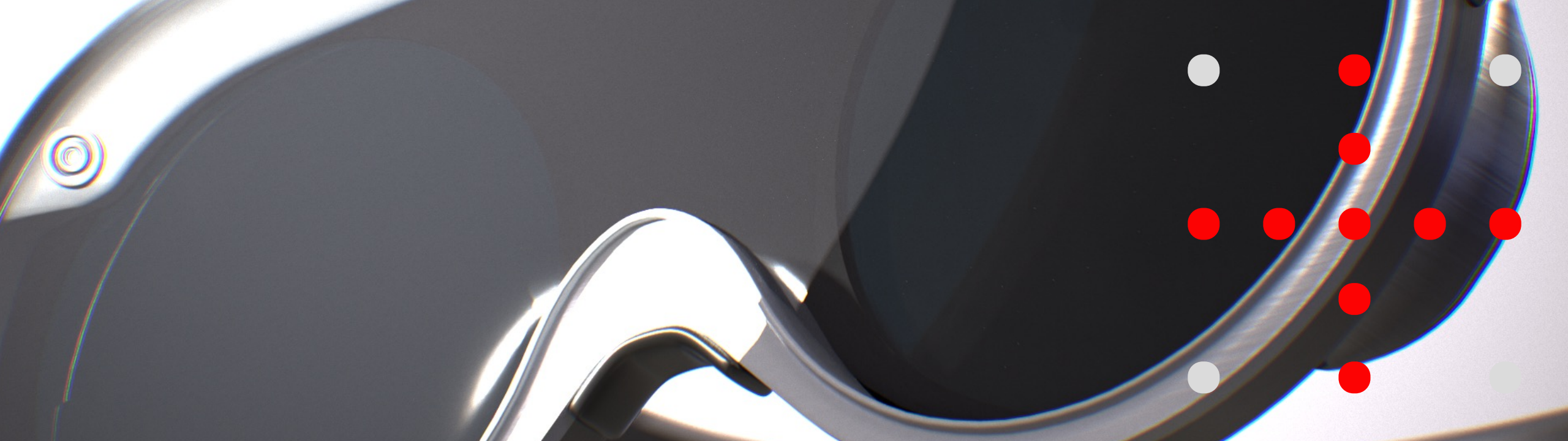


Revolutionizing Robotic Training: Immersive XR with Minimal Equipment.

- Novel **physics-based** simulation for robotic training. .
- **Innovative** robotic arm interaction with **hand-tracking** .
- **Train anywhere, any time**. Minimal equipment required for simulating the whole robotic experience .



	ORamaVR	Competition
Distribution & Licensing	ORamaVR Launcher	Competition's Distribution Hub
Admin Overview	ORamaVR Portal	Competition's Dashboard
Analytics	Errors, Critical Errors, Warnings, Score per action, Total score, Time per action/module	Pass/Fail Results, Elapsed time per step/module, Total number of steps passed
Multiplayer	✓	✓
Hardware Agnostic	PC (Windows, MacOS), iOS, Android, Universal XR (Quest, Vive, Pico), Magic Leap, Hololens, Apple Vision Pro  Collaborate seamlessly across diverse devices in a shared XR environment.	PC, Quest, Focus 3
XR App Client Ownership	✓	✗
Extend/Modify/Update the Final XR App	Free Includes 1-year MAGES SDK for professionals subscription	✗
Marketplace	<u>MAGES APP</u> Free listing with shared revenue agreement	✗
Hardware	Standard XR Hardware	Custom Solutions
Full Body Tracking	✓	✗



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