



VirtaMed

Leading Provider of High-Fidelity
Medical Device Simulators

ACCELERATING THE WORLD'S
TRANSITION TO MEDICAL XR TRAINING.





Enabling Better Surgeries with Digital Twins

VIRTA MED⁺

“MAGES SDK allowed us to create VR content with minimal effort!”

Dr. Stefan Tuchschnid,
CO-CEO & Founder, VirtaMed AG

THE CHALLENGE

Address the growing demand for accessible and efficient training.

- Create complementary XR Apps for **laparoscopy** device simulators.
- **Scalable, cost-effective & future-proof** training simulations with sense of presence and immersion.
- Address the absence of **standardized** best practices in medical XR training.

THE SOLUTION

MAGES SDK: A future-proof authoring tool for all XR headsets.

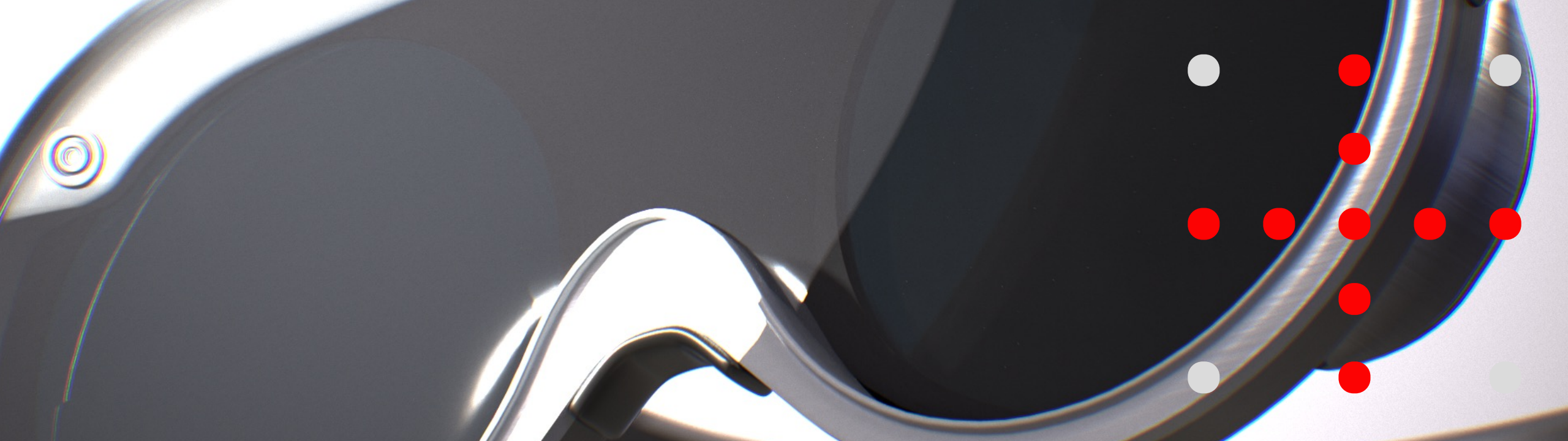
- **MAGES SDK**, an authoring toolkit, licensed from **ORamaVR**, to create their own simulations.
- XR Simulations, **8x faster** with **8x time less cost**, requiring only 1 developer.
- Visual Scripting enables creation of high-fidelity **simulations** in less than **1 month**.

THE INNOVATION

Novel, Standardized and Proficiency-based surgical training curricula.

- Paradigm **shift in surgical training**: The **"Proficiency"** project.
- A **CHF 12 million** awarded project by **Innosuisse**.
- Lead by 3 reputable **clinical partners** endorsed by **Swiss Surgical Societies**.

	ORamaVR	Competition
Distribution & Licensing	ORamaVR Launcher	Competitor’s Distribution Hub
Admin Overview	ORamaVR Portal	Competitor’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
Embedded Samples	<ul style="list-style-type: none">• Medical Simulation (TKA)• Cultural Heritage Simulation• MAGES Deformations Showcase<ul style="list-style-type: none">• Empty MAGES project	Three empty , optimised, pre-built environments
XR Headset 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
Language Support	All Languages Available	English, German
Free Version	✓	✗
Deploy Application	Free	\$2,000 per app
Roll-out Licensing	Free	Starting from \$2,000 per app
XR App Client Ownership	✓	✗



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