

From Hollywood to Deep Space



The same technology that creates cinematic magic can now impact lives anywhere—proving that media innovation has unlimited potential beyond entertainment.



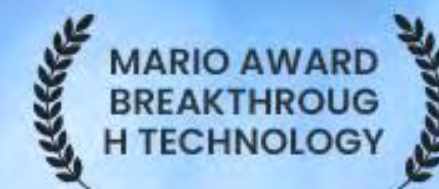
Recipient of the Tech
Innovations Award 2019,
from Definition
Magazine



Recipient of the prestigious
Red dot Award for best
product of 2020



10th Annual Lumiere
Best Technical
Innovation Award



Recipient of the Mario Award,
NAB 2013 from TV Technology
for the development of the
NOVO camera.

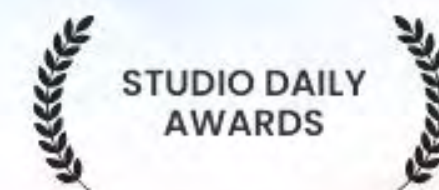


Recipient of the 2019
Artificial Intelligence
Award

AWARDS



15th Annual Lumiere
Best Technical
Innovation Award



Top 50 Creatives



Nominated for the
Greenlight Insight tech
innovations

- Delivering award-winning technology since 2005
- Pioneering cinema, immersive, and live broadcasting
- Bridging traditional filmmaking with cutting-edge technologies

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Beyond Entertainment

Applying cinematic and immersive technology to mission-critical applications



- Powering AI training with video data sets
- Enhancing aerospace and space exploration
- Advancing medical training and emergency response initiatives

The Assignment



NASA 2030 Mars Mission

Prepare astronauts to perform emergency medical procedures
140 million miles from Earth.

The Challenge

No margin for error

- Deep space missions last 1-3 years (1000+ days)
- Communication with Earth is delayed (~20 min)
- Astronauts get limited medical training (40 hr)
- Traditional 2D checklists lack realism



Our Solution



- Holographic mixed reality medical guidance system
- Branching narratives with real-time decision-making
- Accessibility during deep space exploration missions

Technical Approach

- Full-scale spacecraft medical bay photogrammetry (digital environment)
- Volumetric stage video capture of medical procedures (digital people)
- 6DoF lets astronauts move freely around the patient and medical bay (anywhere)



Impact



**Thousands of hours going to
training an astronaut.**

Evolution

From Fixed Stage to Mobile Volume



Content that goes beyond entertainment,
shaping how we learn and interact with an ever-changing digital world.



R A D I A N T
I M A G E S

