

Orbital systems  
Launchers  
Satellites  
Ground segments  
Transversal competencies

ORBITAL  
VIEWS

ORBITAL VIEWS creates high-fidelity simulations of space missions, operations and vehicles, through digital interactive technologies such as 3D, 360, Augmented Reality, Virtual Reality, and physical simulation.

## COMPETENCIES & CAPABILITIES

ORBITAL VIEWS has extensive experience in the **3D simulation of space missions** and the **visualization of 3D space data**.

Our team uses high-end 3D rendering software integrated to physical simulators to produce accurate space content and software applications.

Our expertise covers the R&D, design and production of **immersive and interactive applications for the space industry**, including the development of hardware and software operating in weightlessness.



"Simulation of a suborbital flight © Orbital Views"

# ORBITAL VIEWS

## PRODUCTS & SERVICES

ORBITAL VIEWS produces on-demand space content to support vehicle design, mission simulation, training, and data visualization.

Examples include:

- **Simulations** for space missions, from launch to landing
- **3D renderings** of space hardware
- **3D animations** of space vehicles
- **VR experiences** of space operations

Our company also developed “**Fly in Space**”, a range of hardware and software solutions for the use of Virtual Reality in weightlessness.

Our patented physical simulator “**Virtual Moonwalk**” is also used to simulate manned and robotic operations under lunar or Martian gravity.

## MAJOR SPACE PROJECTS & REFERENCES

ORBITAL VIEWS works regularly for private **New Space companies** to simulate sub-orbital, orbital, cislunar and lunar operations.

Our team also worked with **CNES** and **ESA** on the selection of European astronauts, on a manned simulated Mars landing mission (Mars500), and on the improvement of ISS astronaut performance using Virtual Reality. With CNES subsidiary **Novespace**, ORBITAL VIEWS also developed a Virtual Reality platform adapted to weightlessness on 7 parabolic flights.

Previously, our team worked extensively with the **Ministry of Defense** (DGA, SSA), long-haul French **nuclear submarines** (IRBA, FOST), and institutions involved in **Antarctic science** (IPEV, ESA, NASA).

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**TURNOVER** undisclosed

**WORK FORCE** 5

**SPACE TURNOVER** undisclosed

**SPACE WORK FORCE** 5