

WHAT IS THE MS DOME THEATER<sup>®</sup>?



THE MS DOME IS AN INFLATABLE AND PORTABLE STRUCTURE WHOSE DOME SURFACE IS USED AS A PROJECTION SCREEN WITH A VERY HIGH OPACITY THAT CREATES THE NECESSARY ENVIRONMENT FOR DETAIL AND AND HIGH-RESOLUTION CONTENT. WE CAN PROJECT CONTENT THAT SPANS A RANGE OF FIELD OF VIEW DEGREES, UP TO A 360° DEGREE PANORAMA DISPLAY.



IT IS AN INTEGRATED SOLUTION THAT OFFERS ATTENDEES A UNIQUE, PLEASANT AND SAFE EXPERIENCE THAT CAN BE ADAPTED FOR USE AT A VARIETY OF EVENTS IN A RANGE OF MARKETS.

USES AND APPLICATIONS

OUR MS DOME SOLUTION PERMITS CONTINUOUS 24-HOUR PROJECTIONS with high visual quality and surround-sound audio in a comfortable, air conditioned-environment that can be quickly assembled in both indoor and outdoor settings.



# VISUAL SYSTEM FOR SIMULATION

Our MS Dome visualization system quickly and effortlessly solves the field of view limitations found in traditional simulators, submerging viewers in a 360 degree environment of fully-immersive and sensory experiences.

**MS Dome is ideal for special visualizations of high complexity, such as simulators for unmanned aircraft training (pause), operational tactical simulators (pause), navigation (pause) and others. Its portability, flexible configuration, and size range from 6 to 12 meters facilitates a plethora of field operation configurations.**



- As a visualization system for unmanned aircraft simulators, our DOME facilitates training in aircraft navigation operations and behavior.

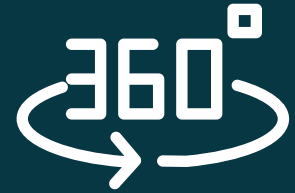
MS Dome complies with the latest FAA requirements regarding operational training in unmanned aircrafts or drones in the civil sector, which are required to be carried out within the pilot's line of sight. For the defense sector, the DOME displays both base station control data, and the remote pilot field of operations view, at the same time.

- Our CAS artillery simulator visualization system unites the different stages of execution of a heavy artillery exercise in one single scenario, which can include echelons such as:

- \*the forward observer (pause),
- \*the fire direction center (pause),
- \*the fire support team (pause), as well as additional positions such as the instructor \* (pause) or the firing battery (pause).

The CAS artillery simulator enables mission exercise control, including what each operator does during the training, as well as a detailed debriefing exercise after each simulation.

- Our navigation simulator visualization system fully leverages 360-degree visualization to mimic a command bridge perspective, and is complimented by the MS Dome's ability to use the zenith of the projection to visualize the celestial sphere and complement the training with navigation without instrumentation.



# COMMAND AND CONTROL MODE

The MS DOME system can serve as a command and control center which solves portability issues, and its visualization configuration allows for customized image distribution on DOME walls, from multiple external sources.

For projects with visualization architectures with multiple projectors, where the complexity of the solution does not merit portability, our MS DOME cupulas are adaptable to both fixed - and lighter, semi-fixed constructions of different sizes. Our dome innovations are the ideal investment for solutions that otherwise lack mobility – ensuring optimization in implementation cost and quality which stem from our DOME's capacity for easy and quick assembly and disassembly for months, seasons or entire years.

# MULTI-PURPOSE TRAINING MODE

Our multi-purpose DOME mode is a highly effective immersion in interactive training visualization systems. This multi-purpose scenario offers many uses and configurations, including the development of physical classrooms of all shapes and sizes – and especially auditoriums and planetariums.

This system allows for real time and pre-recorded videos in 360 degree formats from any video source to be projected and spread out across the DOME's cupula. The MS DOME can be used for decision making rooms, mobile auditoriums, as well as classrooms for tactical military operations where portable solutions are required.

