

project: syntropy (Germany / Sweden / Shanghai-Singapore-Taiwan) creates AV technologies and solutions for professional simulation- and training environments, interactive, immersive media based attractions, flying theatres, planetariums as well as multimedia experiences. Many years of development and over one 150 projects world-wide have resulted in highly scalable turnkey fulldome cinema attractions.

Project

Winner AV, Taipei, Taiwan:

immersive 3D-Stereo Fulldome Solution

Customer

Film production company Winner AV Corp. in Taipei, Taiwan.

Project

Turnkey mobile 5m fibre glass 3.3k resolution fulldome solution featuring 2x10-channel Laser Hybrid WUXGA 3D passive stereo projection system, media servers, 5.1 audio and a domeprojection.com ProjectionTools autocalibration. Additionally, a 6-channel 0.8m mini fulldome demo solution in a flight-case, designed for trade show appearances.

Project Details

We designed a turnkey mobile fulldome system equipped with a 2x10-channel Laser Hybrid WUXGA 3D passive stereo projection system offering 3.3k resolution in the dome for an extremely competitive price and optimized for rapid assembly at optimum image quality. The lightweight 5m fulldome comprises 2.5m long fibre glass segments mounted on a truss for easy transportation.

The fulldome system, which is fast and easy to set-up, was developed for Film production company Winner AV Corp. in Taipei, Taiwan. They use it to develop, test and sell fulldome content.

Additionally, for their marketing purposes we delivered our 6-channel 0.8m mini fulldome demo exhibit, which was especially developed for travelling to customers and trade shows and is ready to be used out of a flight case.

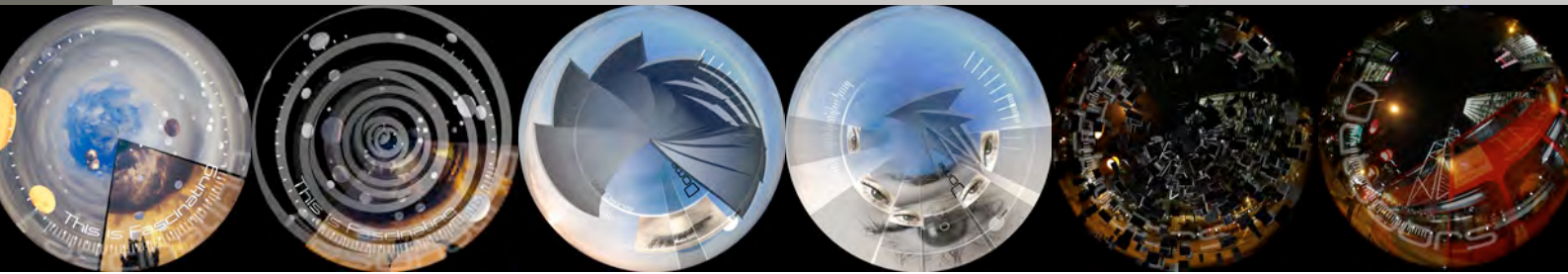
A domeprojection.com ProjectionTools auto calibration system ensures seamless edge-blending and automatic geometry correction for an ultimate image quality. Finally, the surround audio system completes a rich media experience.



Leading Provider of Next Generation Immersive Fulldomes

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Turnkey Visual Solutions for Simulation, Training and Media Based Attractions

project: syntropy offers turnkey projection solutions, tailor-made systems and full-service throughout the entire project.

- CONSULTING
- CONCEPT AND DESIGN
 - creative
 - interactive
 - media
 - engineering
 - application
- DEVELOPMENT
- ENGINEERING
- CONSTRUCTION AND INSTALLATION
- AFTER SALES SERVICES
 - training
 - maintenance and support
 - tailored service-level-agreements (SLA)
 - spareparts supply

■ MEDIA BASED ATTRACTIONS

XD FLYING THEATRES - XD 360° & 720° ATTRACTION DOME
 CINEMAS & GLOBES - INTERACTIVE VISITOR ATTRACTIONS
 - MOTION THEATRES - DARK RIDES - PLANETARIUMS -
 MEDIA FACADES - IMMERSIVE TUNNELS & IMMERSIVE ENVIRONMENTS - PROJECTION MAPPING - GUN SYSTEMS

■ SYNTOUCH MULTITOUCH MULTIUSER & RADAR

■ MIXED REALITY ENVIRONMENTS & TRACKING TECHNOLOGY DEVELOPMENT

■ VISUAL SOLUTIONS FOR SIMULATION & TRAINING

FMS FULL-MISSION-SIMULATORS - FFS FULL-FLIGHT-SIMULATORS - CT COCKPIT SIMULATORS - HELICOPTER SIMULATORS - TARGET SIMULATION - JFST TRAINERS - JTAC TRAINERS - ATM TOWER SIMULATORS - DRIVING SIMULATORS - SHIPS BRIDGE SIMULATORS - INDUSTRIAL SIMULATORS - RESEARCH SIMULATORS - CAVES

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