

project: syntropy (Germany / KSA / Sweden / Singapore)
 creates AV technologies and solutions for professional simulation- and training environments, XR-CAVEs, XR-Spaces, interactive immersive media based attractions, xD dome theatres and planetariums. 25 years of experience and over 250 projects world-wide have resulted in highly scalable turnkey full-dome cinema attractions.

Project
Winner AV, Taipei, Taiwan:
immersive 3D-Stereo Full-dome Solution

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

Project
 Turnkey mobile 5m fibre glass 3.3k resolution full-dome 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 full-dome demo solution in a flight-case, designed for trade show appearances.

Project Details
 We designed a turnkey mobile full-dome 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 full-dome comprises 2.5m long fibre glass segments mounted on a truss for easy transportation.

The full-dome 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 full-dome content.

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

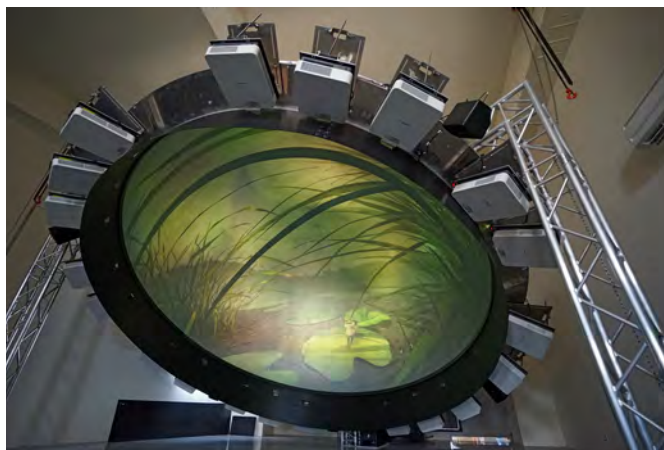
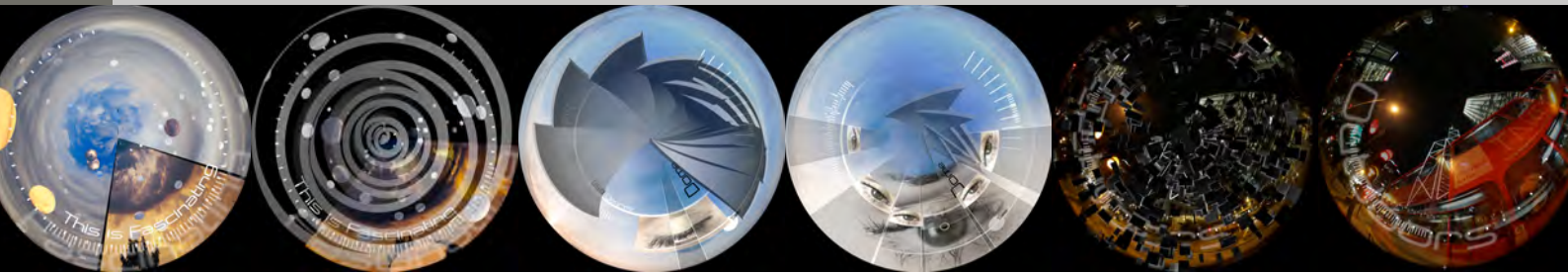
A domeprojection.com ProjectionTools auto calibration system ensures seamless edge-blending and automatic geometry correction for an ultimate image quality. Finally, the surround audio system completes a rich media experience.



Leading Provider of Next Generation Immersive Full-domes

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Turnkey Display Solutions for Simulation, Training, Immersive XR-Spaces, XR-CAVES, Media Based Attractions

project: syntropy offers turnkey projection / dvLED-based display solutions, tailor-made AV systems and full-service throughout the entire project:

■ PROJECTION- OR dvLED-BASED SYSTEMS

- DEVELOPMENT
- ENGINEERING
- CONSTRUCTION AND INSTALLATION
- AFTER SALES SERVICE
 - Training
 - Maintenance and Support
 - tailored Service-Level-Agreements (SLA)
 - Spare Parts Supply

■ VISUAL SOLUTIONS FOR SIMULATION & TRAINING

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

■ MEDIA BASED ATTRACTIONS

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

■ DIGITAL TWIN XR-SPACES (e.g. UDT Urban Digital Twins)

■ XR-CAVE - XR VOLUMES

■ SYNTOUCH MULTIUSER RADAR TOUCH

■ MIXED REALITY ENVIRONMENTS & TRACKING TECHNOLOGY DEVELOPMENT

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