

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

Sigong Tech, South Korea: 4D Planetarium for Gimcheon Science Museum

Customer

Korean exhibition designer Sigong Tech Co., Ltd. for their customer Gimcheon Science Museum, Gimcheon, Gyeongsangbuk-do, South Korea.

Project

Turnkey 3D active stereo 11-channel WUXGA fulldome projection system for a planetarium with Uniview™ (now owned by ZEISS) media servers and planetarium software as well as a domeprojection.com ProjectionTools autocalibration.

Project Details

We designed, delivered and implemented a turnkey Digital Planetarium System for the Gimcheon Science Center in South Korea, which opened its doors in 2014, on behalf of our customer, the leading exhibition and museum design company Sigong Tech.

The 15m 30° tilted fulldome is equipped with 3D active stereo 11-channel-fulldome projection system and Uniview™ media servers and planetarium software.

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.

The digital planetarium has a capacity of 70 visitors and is equipped with 4D SFX seats.

About the Gimcheon Science Museum

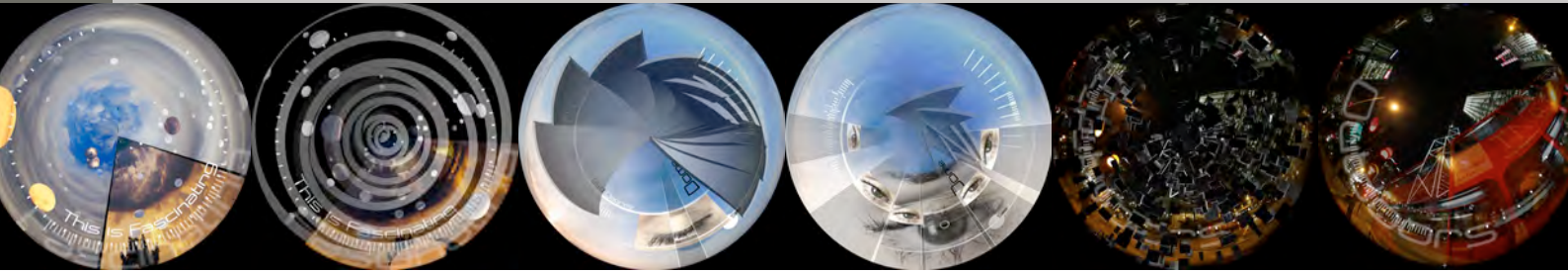
The 'Green Future' Gimcheon Science Museum - embedded in a surrounding park - attempts to communicate green and environmental friendly technologies in the modern way of a Science Center to a young audience by hands-on exhibits and also by the 4D planetarium fulldome theatre.



Leading Provider of Next Generation Immersive Planetarium Systems

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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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