

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

Hengdian World Studios: Qin Palace Flying Theatre Turnkey Fulldome AV System

Customer

Hengdian World Studios (“Chinawood”) in Hengdian, Dongyang, Jinhua, Zhejiang Province, China.

Project

Delivery of a turnkey fulldome AV solution comprising a 25 meter fulldome screen, a 16-channel WUXGA 3D stereo projection system with media servers, a domeprojection.com Projection-Tools autocalibration system, a 20+ multi-channel surround sound system and show control.

Project Details

We have won the tender for the delivery of a turnkey fulldome AV solution for the so-called Qin Palace flying theatre located at Hengdian World Studios theme park. It comprises a 25m fulldome screen, a 16-channel WUXGA 3D stereo 3DLP laser-phosphor projection system with 4x 4-channel media servers, a domeprojection.com ProjectionTools multi-cam autocalibration system, a sophisticated 20+ multi-channel surround sound system and show control incl. CCTV for the attraction. Our work included concept and system design, manufacturing of projector mounts, installation and implementation of the complete AV system incl. calibration as well as staff training. Maintenance and support is done by our local chinese staff.

About Hengdian World Studios

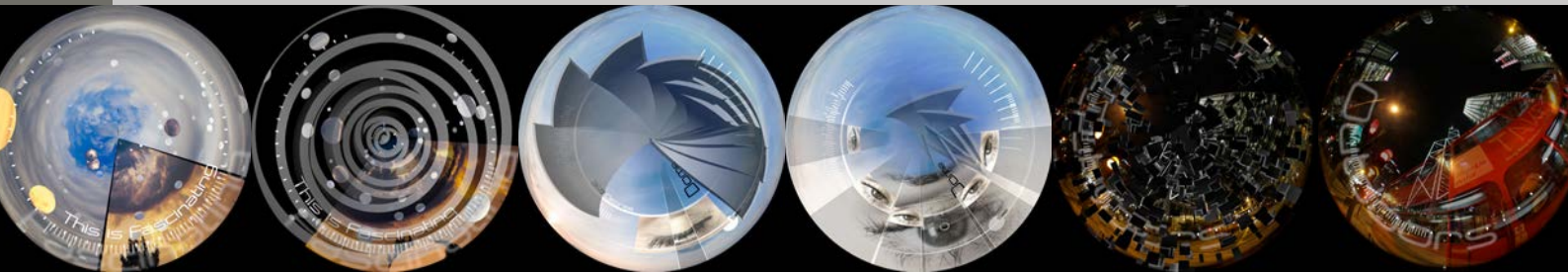
Hengdian World Studios (sometimes called “Chinawood”) was built on farmland in the 1990s and claims to be the largest outdoor film studio in the world, and the source of more than 2,200 Chinese and foreign films as well as TV shows, mostly soap operas. The studio was founded in 1996 by one of China’s first billionaires, Xu Wenrong. His Hengdian Group made a fortune in electronic components in the early years of the country’s capitalist transition. Hengdian World Studios has 13 themed shooting areas with a total area of up to 330ha, and building areas of almost 500,000sqm.



Leading Provider of Next Generation Immersive Fulldomes

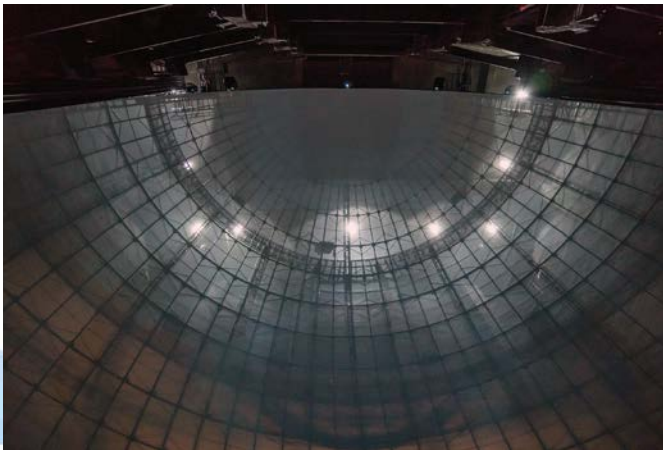
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They include scores of palaces and gardens, a Republican-era city (with several villas, a hospital, a police station and a steam train), and full-scale replicas of the Forbidden City and Old Summer Palace, which was looted and burned by British forces in 1860.

Hengdian World Studios consists of a theme park and has attractions such as Guangzhou and Hong Kong Street areas, Emperor Qin Palace, Dazhi Temple and Palace of the Ming and Qing Dynasties. By 2019, more than 150 million visitors have been counted since the opening.



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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