



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 media based attractions.

Project

Media Based Attractions for ‘Sturmflutenwelt Blanker Hans‘ – Dark Ride & Multimedia

Customer

Cure- and Tourism Service Buesum ‘Blanker Hans’, Buesum/ Germany.

Project

Projection and AV technology for two-stories high dark ride, complete media and AV-technology for exhibition, 5-channel dome projection, multi-channel cinema projection for visitor attraction.

The ‘Sturmflutenwelt Blanker Hans‘ Buesum

From April 15th, 2006, until December 31st, 2015, visitors of the North Sea spa Buesum could experience a voyage through the storm surge and an interactive exhibition on the 6,000 sq.m. of the visitor attraction ‘Blanker Hans’. The theming is realised using the two-stories high dark ride which was originally built for the German Pavilion at the EXPO2005 in Aichi/Japan.

project: syntropy, who was also providing the media- and AV technology for the German Pavilion, has been commissioned to plan and install the complete media and AV-technology for the visitor attraction in Buesum.



Our Work for the Experience Ride

- Planning and technical conception of projection and media technology as well as of the show control technology of the Experience Ride
- Systems-, hardware- and softwaredesign
- Delivery and installation of the projections and the media players along the dark ride
- Planning and installation of the 5-channel dome projection of the motion system of the ride
- Calibration of the dome projection

Leading Provider of Next Generation Media Based Attraction

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- Mastering of the movies
- Installation and programming of the show control

Our Work for the Rescue Capsules

- Planning and technical conception of projection and media technology as well as of the show control technology of the Rescue Capsules (wagons)
- Systems-, hardware- and software design
- Delivery and installation of the show control- and audio technology for the eight capsules

Our Work for the Preshow and 'Offshore Research Station'

- Planning, technical and project management of the media technology
- Systems-, hardware- and software design
- Delivery and installation of the media technology
- Delivery and installation of a 3-channel video projection
- Delivery and installation of the show control



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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