

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

### Project

## Multitouch exhibits for the Visitor Centre REGIONEUM Grottenhof/South-Styria, Austria

### Customer

Market Town Kaindorf an der Sulm, South Styria/Austria.

### Project

Four interactive multitouch exhibits, large projection wall with dynamic show, AV-stations, Infoterminals for route planning and show control technology for REGIONEUM - visitor information centre Grottenhof.

### Project Description

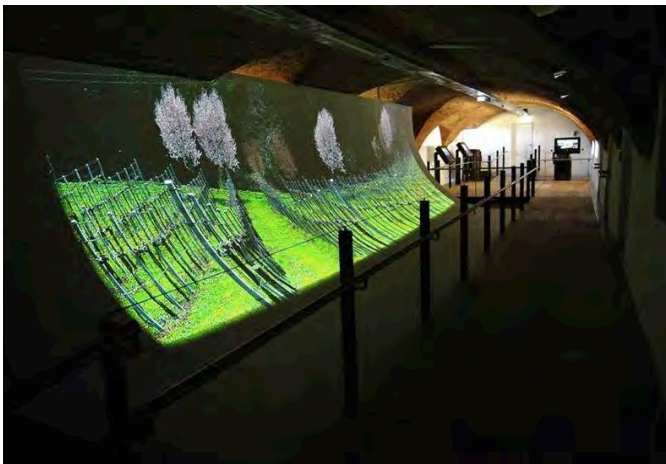
On June 27th, 2009 the Nature Parc Centre Grottenhof – now called REGIONEUM – in South Styria /Austria opened its doors to the public.

The REGIONEUM – a former renaissance castle – is the central point of information for visitors of South Styria: 1.000 sqm exhibition space familiarize the visitor with the cultural and natural diversities of the region.

The exhibition concept makes use of a lot of diverse audio-visual and interactive multimedia technologies for information communication, which have been provided by us as turnkey dynamic database-driven exhibits and are controlled using a dedicated show control system for easy administration by non-experts.

### Multitouch Gaming Table for children

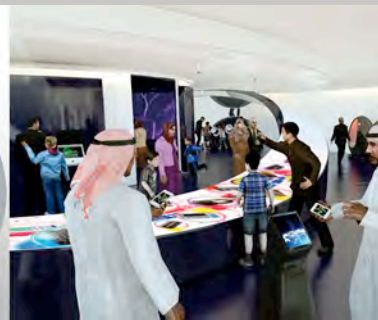
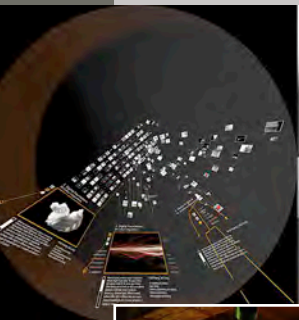
Main attraction is a 62" big Multitouch-Multiuser Gaming Table for children: the bilingual multitouch interface allows four or even more users to solve country- and picture puzzles and thus to follow in the footsteps of a local globetrotter named Bruno Baumann, who has travelled a lot in Asia. The infosystem is also supporting fiducial-based tracking to administrate the table.



Leading Provider of Next Generation Media Based Attraction

**project: syntropy GmbH**  
D-39112 Magdeburg/Germany, Klausenerstrasse 47  
T: +49 (0) 391 63 60 66-44 | Fax: +49 (0) 391 63 60 66-45  
M: syntropians@project-syntropy.de <http://www.project-syntropy.de>

project:syntropy



### Three multiuser tables with historical content

Three more than 70" big multiuser touchtables present informations and interactive animations about three important historical cultural phases in the region: Hallstatt-time (pre-roman iron age), women cult at the Frauenberg and Flavia Solva, an ancient roman colony.

### 11m 3-channel curved projection panorama

The big landscape panorama visualizes three thematic areas: topography, climate, cultivated landscape. Visitors can get basic and background informations by a dynamic slideshow with explanatory texts.

### Infolounges

Three touchterminals in the service area allow the configuration of individual touristic routes including route-planning and printing of the selected tours.

### Audio-Visual Stations

Several audio- and video-stations allow the visitors deeper insights into the attractions and offerings of the region.

**Videolink:** [https://youtu.be/\\_jwuOVLFaig](https://youtu.be/_jwuOVLFaig)

### Our Work

- Planning and Technical Management
- Development of CMS for Multitouch Tables
- Programming of interactive Applications
- Interface and Game Design
- Installation of Media- and IT-Hardware as well as the Development and Installation of Show Control
- Providing the controlled operation by remote monitoring and remote troubleshooting
- Maintenance

*Leading Provider of Next Generation Media Based Attraction*

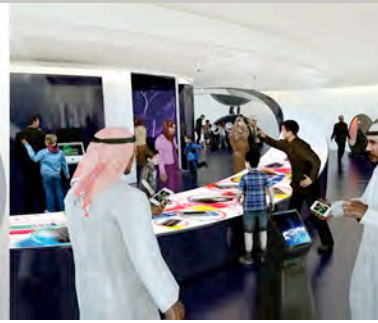
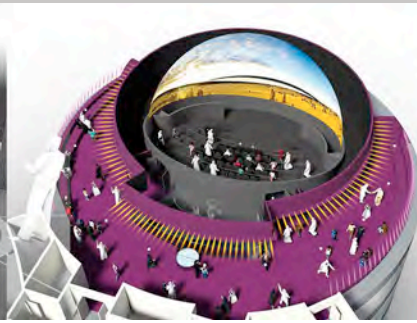
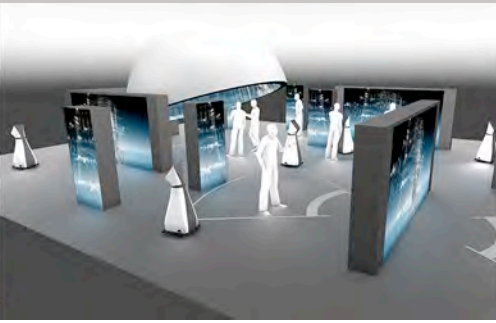
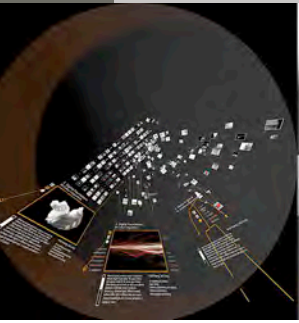
**project: syntropy GmbH**

D-39112 Magdeburg/Germany, Klausenerstrasse 47

T: +49 (0) 391 63 60 66-44 | Fax: +49 (0) 391 63 60 66-45

M: syntropians@project-syntropy.de <http://www.project-syntropy.de>

project:syntropy



## 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

Leading Provider of Next Generation Media Based Attraction

project: syntropy GmbH  
 D-39112 Magdeburg/Germany, Klausenerstrasse 47  
 T: +49 (0) 391 63 60 66-44 | Fax: +49 (0) 391 63 60 66-45  
 M: syntropians@project-syntropy.de <http://www.project-syntropy.de>

project:syntropy