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.
Three multiuser tables with historical content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

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
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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