



project: syntropy (Germany / KSA / Sweden / Singapore)
creates dvLED- / projection-based visual technologies and solutions for professional simulation and training environments, immersive XR environments, XR-CAVEs, media based attractions and much more.

Project

3-sided 3D CAVE Barco Canvas F70 for architectural visualisation

Customer

INIZIA AG, Zug for the showroom of the subsidiary OBRA visual AG in Zug, Switzerland.

Project

Turnkey delivery and installation of an immersive interactive 3D stereo CAVE of the type BARCO CANVAS F70 with integration of an Optitrack tracking system.

Project Details

As a pioneer in the introduction of digital technologies, Obra has always sought to visualise its real estate projects as fully and convincingly as possible. For this reason, Obra was an early adopter of large-screen visualisation and even virtual reality (VR), although in the course of using the technology, solutions with head-mounted displays (HMD) proved to be unfavourable because they were isolating and detrimental to group work. The decision was therefore made to purchase a multi-sided, immersive 3D CAVE in the Zurich office and subsequently the BARCO Canvas in Zug.

Obra is also developing its own software aimed specifically at real estate companies that want to visualise their high-quality projects quickly and convincingly in 2D and 3D for their prospective clients and customers.

The 3D CAVE in Zurich is primarily used in the later stages of the sales process, where customers can experience and interact with different architectural and design options. The canvas display in Zug is a multi-purpose display that is used throughout the sales process: from planning to development, from pitching to the investment committee to sales and final material selection. By integrating Obra software, customers can now make changes to 3D models in minutes, speeding up the selection and decision-making process for their clients by up to 80%.



Leading Provider of Next Generation immersive XR-Environments

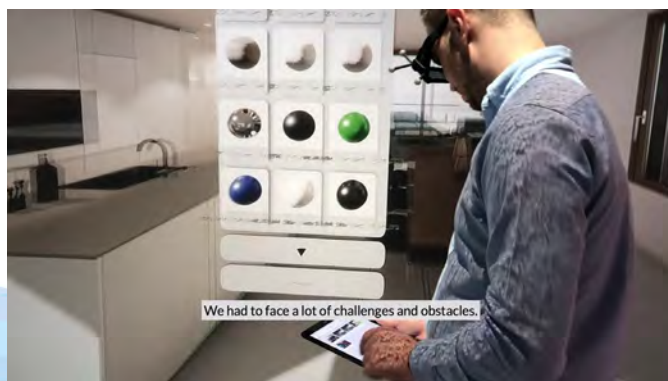
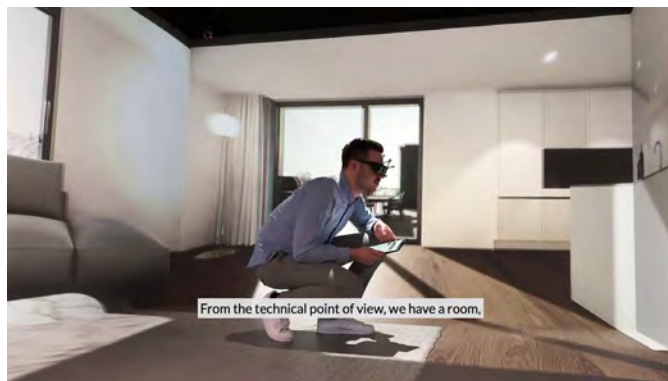
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The development of property and the many decisions that customers have to make inevitably lead to the creation of many files. Thanks to immersive visualisation, the process of selecting materials can run much more smoothly by displaying and manipulating objects on the large screen. All data coming from different sources (design, BIM, 3D models, etc.) can be instantly visualised there in an integrated way.

Our work on the project included delivery, installation, on-site system integration and the installation and integration of an Optitrack tracking system.



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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