



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: syntropy's High-end dvLED- and projection-based display systems can be found in immersive simulators all over the world: throughout Europe, Scandinavia, the Middle East, Asia, and the United States. As one of the most innovative cutting-edge system integrators, we have delivered over 200 turnkey systems in the past 25 years.

These include, for example, visual systems for EUROFIGHTER PSTS, TRANSALL, Panavia TORNADO, Airbus Helicopters, Airbus Defence & Space, Lufthansa, and Leonardo.



Leading System Integrator of Next Generation Visual Display Systems for Simulation & Training

Simulation must comprise all senses: the tactile and the kinesthetic sense, the ear and last, but not least, the eye. Therefore the quality of the projection system is critical to professional simulation. dvLED- or Projection-based Systems must be of high image quality and resolution, extremely durable and efficient in a 24/7 environment as well as very adjustable and flexible in a tight simulation environment.

project: syntropy delivers hi-end solutions beyond the state-of-the-art and on the edge of the technically feasible according to the budget based on a quarter of a century of know-how and sophisticated in-house design tools.

We design, manufacture and integrate tailor-made dvLED- or Projection-based visual display solutions for professional military-, civil- and research simulation and training environments.

We also develop dedicated components for such systems like virtual reality tracking systems, rendering hard-/software, IGs, HUDs, and deliver total solutions with our partners, e.g. complete flight-, driving-, procedure simulators with vibration- and/or motion platforms.



Leading Provider of Next Generation Visual Display Systems

project:syntropy

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project: syntropy's visual display solutions for

- FMS FULL-MISSION-SIMULATORS
- FFS FULL-FLIGHT-SIMULATORS (EASA Level D)
- CT COCKPIT SIMULATORS
- HELICOPTER FLIGHT SIMULATORS
- FNPT / FTD TRAINING SIMULATORS
- COMBAT SIMULATION
- JFST ACTION TRAINERS
- JTAC TRAINERS
- ATM TOWER SIMULATORS
- DRIVING SIMULATORS
- SHIPS BRIDGE SIMULATORS
- INDUSTRIAL SIMULATORS
- RESEARCH SIMULATORS

full-service for S&T visual display solutions

project: syntropy offers turnkey solutions and full-service throughout your entire project:

- CONSULTING
- CONCEPT AND DESIGN
- APPLICATION DEVELOPMENT
- CONSTRUCTION, MANUFACTURING, INSTALLATION
- ADVANCED SOLUTIONS FOR NVG STIMULATION
- FULLDOME SYSTEMS
- tailor-made dvLED-/Projection-based VISUAL DISPLAY SYSTEMS
- AFTER SALES SERVICES
 - training
 - maintenance and support
 - tailored service-level-agreements (SLA)
 - spareparts supply



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