



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

Ships Bridge Simulator for fish harvesting for Sikkerhetssenteret in Rørvik, Norway

Customer

Transas Marine International (now Wärtsilä), Gothenburg/ Sweden for the end user Sikkerhetssenteret in Rørvik, Norway.

Project

Visual display system upgrade for a navigational simulator comprising of a 4m x 12.6m screen, design and installation of the projection system and integration of a patented dome-projection.com ProjectionTools auto-calibration system for Sikkerhetssenteret in Rørvik, Norway.

Project Details

Transas Marine International (now Wärtsilä) in Gothenburg approached us, to design an advanced display solution upgrade for a Navigational simulator in Rørvik, Norway.

Transas Marine International was in discussions with its customer Sikkerhetssenteret in Rørvik, Norway for an upgrade of their main Navigational simulator. A new building of 940 sqm. was taking form where all of the existing 8 smaller simulators along with the new one would move in. The current main simulator was to be replaced by one from Transas. The main simulator will be used to train personnel of fishing vessels. The training is needed to allow for a more precise navigation closer to objects in the water like the fish harvesting cages.

We proposed a spherical screen so that the projection will be closer to the vessel's side. Detailed renderings of the design were provided for the end user to illustrate the clear benefits of our solution.

The responsibility of project syntropy was delivery and installation of the screen (4m height, 12.6m diameter), design and installation of the projection system as well as integration of the domeprojection.com ProjectionTools auto-calibration.

About Transas Marine International

The Transas Group is a manufacturer of systems for professional training and certification of sea specialists. With 5,500 simulation systems installed in over 950 training and



Leading Provider of Next Generation Visual Display Systems

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simulation centres in 91 countries they hold about 45% of the international commercial maritime simulation market.

The simulators enable various levels of training, from familiarisation, standard operation and watch-keeping, to advanced operation, troubleshooting and vessel resource management.

Simulators are developed in line with key international maritime requirements (STCW, IMO model courses and specialised standards), and hold certificates from leading classification societies.

About Sikkerhetscenteret Rørvik

The center was established in 1994 and is today known as a center of academic excellence in the education of seafarers. Great efforts are taken so that their instructors are well qualified to ensure high quality of the courses offered.

Staff includes navigators, engineers, telegraph operators, people with experience in fisheries, military background, nurses and firefighters. In addition they cooperate with competent specialists working in the oil industry; divers, paramedics and health professionals and marine industries.



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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