

CETUS

Maritime Simulator Displays

3D

perception

3D perception offers a range of turn-key, preconfigured Northstar™ simulation display systems optimized for specific domains. Each system supports multiple projector models and adapts to diverse program requirements, facility constraints, cabins, and other obstacles.

Cetus™ systems are seamless front-projected, high-resolution, wide field of view simulator displays for maritime applications like full bridge, bridge wing, and weapon station trainers. These displays are cylindrical, conical, or spherical, and designed to address the unique challenges of destroyer ships, aircraft carriers, fast attack craft and other vessels.

Cetus Features

- Optimized horizontal and lower vertical fields of view
- Range of radial screen sizes from 2.3 m to 6.4 m / 7.5 ft to 21 ft
- Seamless front projection with unmatched blending quality
- Flexible cylindrical, conical, or spherical configurations
- Suited for maritime applications including full bridge, bridge wing, and weapon station trainers



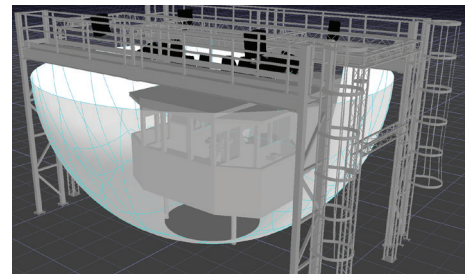
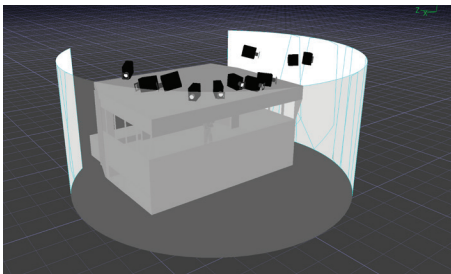
Past Performance

Delivered to major programs including the US Navy's NSST and Full Mission Bridge Simulators for Foreign Military Sales. Deployed across all continents.

NORTHSTAR™

SIMULATION DISPLAY SYSTEMS

- DISPLAY PROCESSING AND MANAGEMENT
- PROJECTION AND IMAGE OPTIMIZATION
- AUTO-ALIGNMENT AND CALIBRATION



Seamless. Focused. Performance.

- Industry-leading camera-free automatic image alignment and calibration for increased cyber security and simulator uptime
- Seamless image through all times of day with full image contrast and dynamic range via automated dynamic electronic-optical hybrid blending
- Image Generator and projector independence makes integration easy and future-proof
- Light closeout options and support for Night Vision Goggles
- Centralized system control via unified interface
- Proven expertise with hundreds of global deliveries since 1997