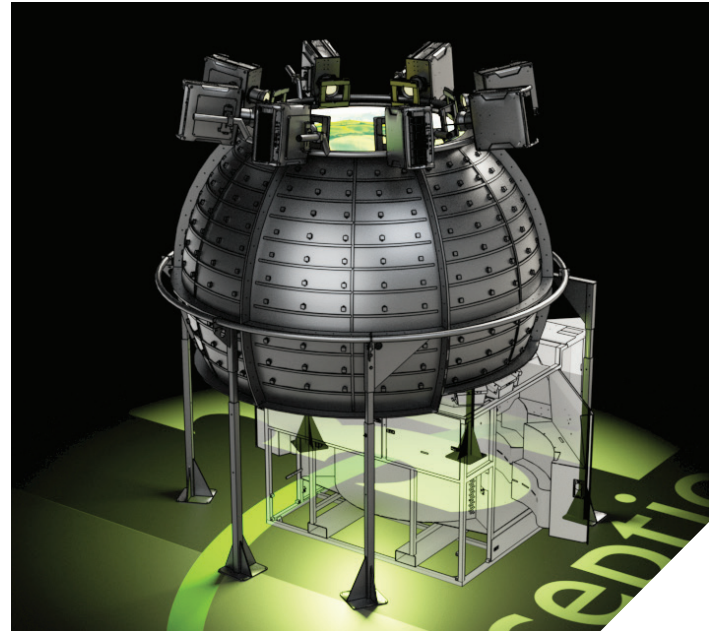# VEGA
Land Vehicle Simulator Displays

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.

Vega™ displays are high-immersion visual display systems designed for land-based vehicle simulators, catering to a wide range of applications including armored fighting vehicle (AFV) driver trainers, over-the-hatch 360° field-of-view turret trainers as well as commercial driving simulators. Vega systems ensure easy maintenance and the ability to be optimized for various configurations.

Vega Features
- Up to 360° H by +80°/-15° V field of view
- Range of radial screen sizes from 1.5 - 4.0m radius
- Over-the-hatch and out-the-window spherical displays
- Motion mounted and static options
- For individual or collective driver, combat, and tactical training

Past Performance
Deployed across multiple vehicle training programs, including Leopard 2 MBTs, CV90s, Aircraft Rescue Fire Fighting (ARFF) vehicles, commercial vehicles, and more.

NORTHSTAR™
SIMULATION DISPLAY SYSTEMS

- DISPLAY PROCESSING AND MANAGEMENT
- PROJECTION AND IMAGE OPTIMIZATON
- 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

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