



### MARITIME TRAINING SOLUTIONS

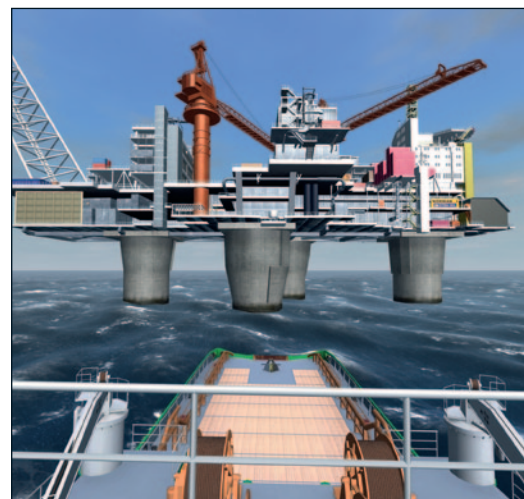
[www.nautissim.com](http://www.nautissim.com)

#### ABOUT NAUTIS

The NAUTIS range of advanced maritime training simulators offers an affordable and effective alternative for training maritime officers and crews. With a full range of simulators, from desktop trainer to full mission bridge simulator, VSTEP has a cost-effective training solution fulfilling the training requirements of nautical colleges, naval academies, maritime training centres and individual ship owners.

NAUTIS simulators have been designed on the following principles:

- Efficient - Train large numbers of trainees simultaneously
- Affordable - Accessible for every budget
- Flexible - Easily adaptable to specific training needs
- Quality - Highest level of graphical detail and realism
- Compatible - Standard interface to connect to external equipment
- Ease of use - User-friendly set of instructor tools



#### TRAINING APPLICATION

NAUTIS simulators allow complete training of a wide range of maritime skill areas:

##### Navigation:

- Passage planning and execution
- Ship handling and manoeuvring
- Collision avoidance regulations
- Navigation in confined waters and open sea
- Tug assistance

##### Emergency Response:

- Search and Rescue (SAR)
- Man Over Board (MOB)

##### Naval/Coastguard applications:

- Mission rehearsal
- Communication with flags & morse lights
- Handling of high-speed small craft
- Anti-piracy training

##### Management level:

- Bridge Team Management
- Ship Management

All NAUTIS simulators include a wide range of exercise areas and vessels, each with a superior level of detail. A suite of flexible editor tools allow instructors to quickly and easily prepare training scenarios and manage exercises in real-time.

## TURNKEY SOLUTIONS

VSTEP offers integrated solutions combining NAUTIS simulation software with different hardware configurations, to suit your budget and training requirements:

**Software Only** – Use NAUTIS simulation software on your own computer hardware.

**Desktop Trainer** – A cost-effective single user trainer combining NAUTIS simulation software with standard computer hardware and a desktop console.

**Classroom Configuration** – Link up to 20 Desktop Trainers in a classroom configuration to cost-effectively train large numbers of students simultaneous. An optional Instructor Station offers instructors real-time control over training exercises and facilitate multi-user training exercises.

**Console Trainer** - Integrating NAUTIS simulation software with a single or triple screen console set-up offers additional realism to the training experience.

**Full Mission Bridge Simulator** – Combine bridge consoles with NAUTIS simulation software in a DNV Class A or B compliant simulator, based on the IMO STCW convention. The FMBS integrates advanced bridge consoles with a full 120, 270 or 360 degree simulator experience using either projection or high-end flat screen visualisation technology.

All NAUTIS simulators run on standard computer hardware meeting the required specifications and can be coupled with other nautical equipment such as ECDIS, using the build-in NMEA 0183 protocol interface. The full range of turnkey solutions and the system requirements are available on [www.NAUTISsim.com](http://www.NAUTISsim.com).

## LOCAL INTEGRATION

In addition to the turnkey solutions, VSTEP can help customers who prefer to integrate NAUTIS simulation software with their own locally constructed bridge consoles. VSTEP is able to provide design drawings and coordinate the integration. This solution allows customers to take advantage of lower local construction costs and reduced transportation fees, whilst still benefiting from the full NAUTIS simulation software and VSTEP integration expertise.

For more information, visit our website [www.nautissim.com](http://www.nautissim.com) or contact us.

*“The ideal, affordable pathway to making virtual simulation an integral part of every maritime training.”* - Capt. W. Baran, Marine Advisor

*“With its stunning visuals and flawless integration, NAUTIS provides a virtual on-the-water training experience beyond anything we could have imagined!”* - James F. McGowan III, Raymarine Inc.

*“A real enlightenment in the way of maritime simulation, touching the boundaries of the possible.”* - Capt. Mark S. Woolley, U.S. Navy, Professor of Naval Science and Commanding Officer NROTC University of San Diego

