Software Overview

ProteusDS is a full featured dynamic analysis software capable of simulating vessels, flexible structures, lines and technologies in harsh marine environments. It is modern, customizable, validated, and is continually improved based on the needs of our growing user base. It combines a robust solver with advanced 3D graphics and a modern user interface.

Employed by naval architects, marine engineers, offshore engineers, oceanographers and many other users, ProteusDS uses advanced hydrodynamic, finite-element, current, wind, wave and mechanism models to achieve accurate results.

Whether driven by certification or the desire to create elegant solutions, assessing system dynamics is all about reducing risk. ProteusDS has become an invaluable tool in the marine industry. It is uniquely suited to test technologies to understand how they will react under various, wind, wave and current conditions.

To request a demo visit  www.proteusds.com
Why you should choose ProteusDS.

Intuitive Interface
An easy to use interface allows for rapid model development and handles both complex and simple models equally.

Powerful 3D Graphics
Leading 3D visualization capabilities and a wealth of viewing options gives insight into numerical modeling results.

Technically Advanced
Advanced algorithms from mechanisms, to cubic finite-element line models, to hydrodynamics and so much more.

Validated
Rigorously tested against hundreds of benchmark cases to ensure new and existing feature work as expected.

Supported
Supported by a committed group of developers and power users that are actively adding new capabilities.

Documented
Extensive documentation and easy to follow tutorials make training straight-forward.

Value
A flexible and economical annual subscription license makes it easy to try for your next project.