Why You Should Choose ProteusDS.

A Flexible Dynamic Analysis Tool For Ocean Industries.

Flexible
ProteusDS is customizable and has a powerful input system that is easy to navigate for novice or expert users. DSA can readily modify the solver or provide users with a powerful API to model their technology.

Quality
DSA tests every build against hundreds of benchmark cases that ensure new and existing features work as expected. The software is rigorously tested by our team prior to release.

Simple
Dynamic analysis can be complicated, we aim to make it simple. With a low learning curve, new users and those familiar with other dynamic analysis software can get up to speed quickly. Extensive tutorials and training options are available.

Support
Our support is incredibly responsive, our aim is to fix issues as soon as possible, and provide guidance whenever it is needed. We are available to make dynamic analysis as straightforward as possible.

Technology
The cubic finite-element cable model enables long elements that still accurately predict curvature and tension. RigidBody hydrodynamics modeling structure allows users to construct simple models quickly - and only add complexity as needed.

Time Saving
The user interface and data output format are simple. Users can construct models quickly once they know a few key basics. Output data is readily loaded into Matlab® or Excel® for maximum post-processing flexibility.

Trusted
ProteusDS is relied upon for accurate results by organizations from around the world. Talk to us about who is using our software.

Validated
DSA publishes papers on advancements and validation efforts; these publications cover a wide range of topics from aquaculture to offshore oil & gas. ProteusDS is benchmarked against other software, published validation data, and tank test results.

Value
ProteusDS is truly cost effective - a low annual subscription rate and no upfront perpetual license fees ensure that ProteusDS is accessible even for a small engineering firm.

Visualization
A powerful graphical user-interface and 3D visualization makes pre and post-processing a snap. Videos can be exported for project and promotional presentations.

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"**ProteusDS does exactly what we need**, for deployment analysis, we can easily visualize what we're building, and if need be, we can bring in more complicated geometries from our CAD analysis. It allows us to have a lot play with what we are simulating, in a lot of different areas to see what is working best. **ProteusDS gives us freedom in what we want to analyze over other simpler tools that are on the market."**

Nathaniel Hayes |Mechanical Engineer |Ocean Renewable Power Company | www.orpc.co

"As someone who doesn't have a lot of experience with dynamic analysis software, I found it easy to use. **ProteusDS, allows you to hop right in and start modeling with a small amount of effort** to do simple simulations. For more complex scenarios, you need to dig a bit more into the software but the interface within ProteusDS makes that easy. **I would definitely recommend ProteusDS. I've had a great experience with the software, the support is excellent.**

Daniel Straditto| Senior Engineering Associate| Hydrostor| www.hydrostor.ca

Dynamic Systems Analysis Ltd. always provides personal and prompt support, you can speak directly with the software engineers. **ProteusDS software provides visual validation from setup through to analysis.** Pure class.

Tom Fitzpatrick | Senior Oceanographer | Fugro GEOS | www.fugro.com

"One of the features that we found valuable within ProteusDS is the way the results are exported, which makes it easy to process afterwards, everything is outputted, everything is there, you don't have to go back and re-run the simulation to make sure you've got the right outputs when you decide you need to carry out a different piece of analysis. **Simulation outputs are easy to duplicate, you can copy parameters from one simulation to another**, so maybe you need the environment parameters or the parameters for a rigid body or a mooring line. **Making it quick to run a whole load of different simulations with slightly different parameters."**

Sam Fisher | Marine Engineer | ITPEnergised | www.itpenergised.com