

Subsea Studies

Subsea studies

Cost saving opportunity

Choose our simulation studies ahead of your subsea installation or modification projects in order to save money.

Thanks to our simulators and 3D visualization technology, first we pre-test 1-to-1 the realism of your subsea environment and additionally we carry out concept screening and pre-planning for subsea installation, deployment, maintenance and removal. For example, we can check all your subsea procedures, planning, installation, maintenance, removal, pre-engineering and ROV for subsea lift, connection and disconnection. Your operation safety and feasibility will be checked and costly delays will be avoided.

Second we have a unique environment to share the results with you. With our powerful and customized visualization tool, all concerned people can easily view the project steps at the same time. So subsea issues are uncovered and decisions can be discussed between all participants efficiently with our support. Open to changes, we can modify your options in our real-time simulator, allowing your debate to be quicker, more productive and ending with the optimal solution. You usually have better suggestions to solve problems when you see it and if your features do not fit together, we will detect it immediately in our simulator.

Instead of endless meetings with the different teams involved in your project,

we offer you the most profitable way to check your schemes, to identify and solve your potential issues and to share the results with the operational teams. You save time through better planning and procedures, and you reduce risk through better understanding of the tasks.

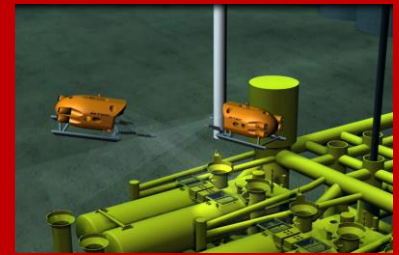
Moreover, we deliver a full visual work book after each completed 3D study. As a report, it helps you follow up and share conclusions with people involved.

Unique environment

Our center in Stavanger (Forus), Norway, offers you the best facilities to perform your 3D studies. Our facilities have a 72-seat auditorium with our customized simulators and additional meeting rooms, where we perform our 3D subsea studies together with our customers. Our advanced simulators offer fully realistic equipment performance for subsea installations. Our 3D visualization of the simulator offers a complete simulation, 360 degree overview, of activities from Mean Sea Level (MSL) to seabed: lifting operations, Subsea Umbilicals Risers Flowlines (SURF) installation, material handling, deck layouts, field visualization, ROV operations, etc. We emulate the static and dynamic behaviour of facilities involved. You can also use this environment for early familiarization.

Plan Check

- **Installation**
- **Maintenance**
- **Removal**
- **Pre-engineering**
- **Pre-planning**
- **Working procedures**
- **ROV lift and installation**



About OILTEC Solutions

OILTEC Solutions is an experienced global market leader providing simulation technologies to the Oil & Gas and Crane industries.

For more than two decades OILTEC Solutions has delivered high quality software, turn-key simulators, top-end training -to thousands of students- and 3D simulation studies to leading oil & gas, marine and port customers around the globe.

