

SENTIO SIMULATOR TRAINING PLATFORM



ENGINEERING
EXCELLENCE
UNDERWATER

MORE THAN JUST SIMULATION.

In collaboration with Tree C Technology, Sentio is SMD's advanced ROV simulation platform. It is a safe and realistic virtual environment for operator training, engineering validations and mission rehearsal.

Sentio can help optimise and significantly improve the efficiency of your assets in any offshore environment. The flexible virtual platform includes a wide range of ROVs, tools and pre-set training scenarios. Moreover, trainers can configure specific scenarios for their pilot trainees to create relevant exercises that meet any specific training goal.

BENEFITS

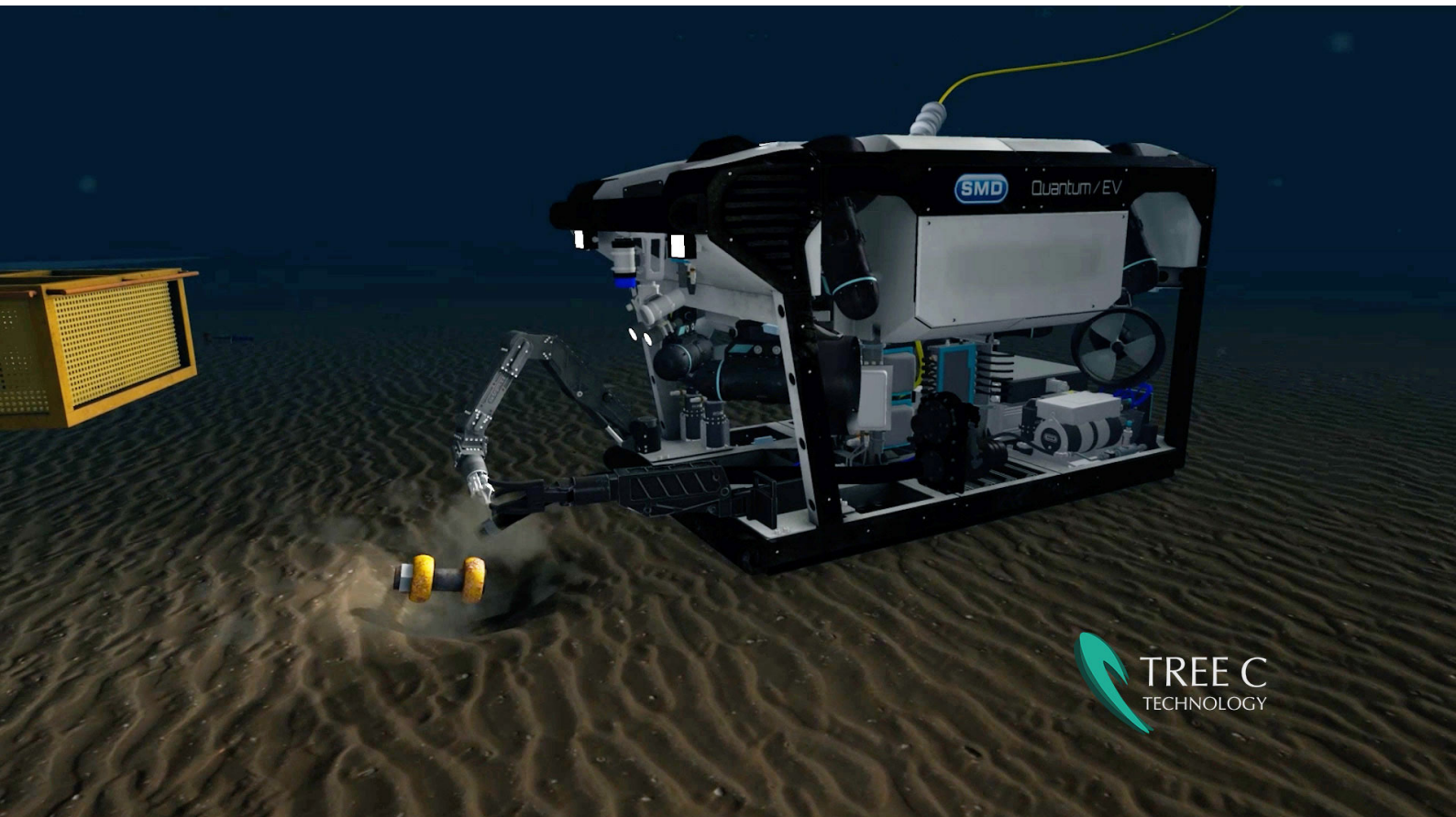
- Ensures equipment design meets your operational requirements
- Test your safety procedures and mitigate risk
- Validate and optimise your operating procedures to prevent costly mistakes
- Import your own 3D models to customise training for your team
- Safe and realistic virtual environment to improve your skill set locally or remotely
- Suitable for all experience levels to accelerate your growth

EDUCATE. OPTIMISE. CUSTOMISE.

Sentio provides you with the capabilities to de-risk, optimise and rehearse custom missions across the full ocean engineering value chain, from topside to subsea.

The training platform enables you to improve operational safety, identify and mitigate risks and in turn, significantly lower your costs.

The environment can be tailor-made with your specific content to meet your requirements at any stage of the operational life cycle, from engineering assessments and training, to mission validation and de-commissioning. This ability offers you reliable insights into how your real-world operations will play out, eliminating the need for high-cost physical testing and resources.



SENTIO: SCENARIO COMPOSER & TRAINING MODULE

Based on the specific training objectives for your operators, use the Composing Mode to edit and save existing pre-set training scenarios or start from scratch, creating your own scenarios, using the extensive simulator asset library.

With your scenario as starting point, the Training Module provides tools to create an automated training scenario, a step-by-step exercise, including triggers and events. The trainee can also be prepared for the unexpected by the trainer introducing events or calamities during a running simulation. An automatic log is kept of progress and event, giving insight in trainee performance after training is completed.

INCLUDED SMD ASSETS

ROVS	
	ROV Atom
	ROV Quantum
	ROV Quasar
MANIPULATOR ARMS	
	Atlas manipulator arm
	Orion manipulator arm
	RigMaster grabber arm
VESSEL INCLUDING	
	Titan manipulator arm
	Various A-Frames
	TMS

VARIOUS TOOLS	
	Hot stab tool
	Screwdriver
	Torque tool
	Flexiclean tool
	Bullseye and more...

SUBSEA WORKING ENVIRONMENT	
	Various sea floors
	Pipeline
	Semi-submersible platform
	Christmas tree
	BOP (Blowout Preventer)
	Wind Turbine
	And more...

OPTIMISE YOUR OFFSHORE OPERATIONS WITH CUSTOM SCENARIOS

From challenging geographical areas, to deeper waters or dynamic working environments, whatever your operations are, Sentio gives you the clarity to see and understand exactly how every element of your operation works, and how they are connected.

By giving you the ability to rehearse, train and validate your missions – all at low risk and low cost – Sentio generates a unique and invaluable insight into your operations. This enhanced perspective means you are able to make highly informed decisions, ensuring your operations are safe, reliable and fully optimised.

INCLUDED PRE-SET TRAINING SCENARIOS

- Basic navigation
- BOP installation & emergency intervention
- Clamp installation
- FPSO stopper installation
- Cable survey
- Pipeline inspection (TSS + Zipiet)
- Jacket inspection Flexiclean & Grinder
- LARS launch & recovery
- Object retrieval
- SWPS bullseye check
- Tool basket connect & release

USER FRIENDLY MODULES: EASILY CONTROL EVERY ASPECT OF SIMULATION

ASSET

Configuration and control
of all simulated assets

WATER

Control of sea state, current and
subsea visibility

VIEW

Control of view modes, virtual
cameras and video recording

TRAINING

Configuration of training
scenarios

ENVIRONMENT

Control of time, place and
weather conditions

CONTROL

Configuration of user controls
for all assets

SONAR

Configuration of the virtual
sonar



BOOK AN APPOINTMENT
TO DISCUSS YOUR PROJECT
WITH OUR SPECIALISED
SENTIO TEAM:



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