



World-leading
drilling simulator solutions

Your trusted simulation training partner

We can help to reduce risk and enhance operational efficiency with world-leading simulation technology.

Our simulators allow you to train in a risk-free environment and to practice difficult operational procedures and challenges. Using our dynamic and immersive technology we can create highly realistic scenarios which can be used for competence assessments and for certification of new and experienced personnel, DWOS sessions for complex wells, and Well Operations Crew Resource Management (WOCRM).

With the ability to manipulate environmental conditions, emulate rig facilities and specific wells, and recreate critical events or failures, our simulators offer an optimal environment in which your team can train to identify and resolve any operational issues.



Our technology

RelyOn Nutec simulators deliver unique functionality for training with an innovative and realistic, dynamic simulation experience. With decades of experience, our in-house simulation developers and subject matter experts continuously work together to provide a technology platform that is at the forefront of industry advancements and is instrumental in enhancing training standards for lifting operations worldwide.

High-quality visualisation

Our Advanced Dynamic Simulators provide high quality 3D visualisation of drilling operations for training, assessing, and conducting DWOS sessions.

Fully immersive training environment

The ADS3-Drill simulator is full-size rig-floor simulator, with twin cyber chairs and high quality visuals presented on multiple display monitors.

Reduce risk and improve operational safety

Expose trainees to scenarios which cannot be safely performed in real life i.e. rehearse emergency procedures and first actions in response to changes in the well during drilling.

Truly adaptive and customisable

Working with our in-house technical team and simulation development teams, we can bring your well plans to life.

Our full-size simulator models, ADS3-Drill and ADS4-Drill, deliver unique functionality for drilling training with an innovative and realistic, dynamic drilling simulation experience.

We can input your well data to create a realistic 3D replica of your well in an immersive simulated environment. Drill the Well on Simulator (DWOS) sessions enable you to rehearse planned procedures in a safe and controlled environment. Visualise each step, assess results against a range of scenarios, and communicate valuable lessons learned throughout your team .



We have 5 service levels of simulation available:

Level 1 – Providing a common simulator control system and subsurface application from our training library.

Level 2 – Creating a replica of the client's drilling rig.

Level 3 – Creating a precise simulated subsurface analogue for the client's well application.

Level 4 – Creating a digital twin of the client's drilling rig and well operation.

Level 5 – Linking the live data stream to our simulator from the client's well site, which allows us to capture lessons learned and simulate the forecasted future operations.

Visit relyonnutec.com/simulation to find out more.

Portable Simulators

Our portable simulator model offers increased flexibility without compromising on functionality. Broaden your reach to remote locations and deliver the same standards of training and assessments to operators worldwide.

The ADS1-Drill folds into portable cases holding touchscreens, high resolution monitors, and a user-friendly operator console, all enabled with the same dynamic and customisable software as our full-size simulator.



Training options include

Enhanced Well Control | DWOS | WOCRM | Integration and testing of 3rd party software | MPD | HPHT | ERD | Competence Assessments | Stuck Pipe Prevention and more

Contact us

Find your nearest training centre at
relyonnutec.com/contact