

# CASE STUDY

## OFFSHORE DRILLING - SEMI SUB MANAGEMENT

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# VERTECH

## INTRODUCTION

Over a three-year period, Vertech was engaged to oversee the inspection and compliance of all lifting equipment and drill handling tools for an offshore semi-submersible facility. In addition to this core scope, Vertech undertook various specialised tasks, including dropped object surveys, derrick inspections, crane assessments, and a range of rope access maintenance activities.

## PROCESS

At the heart of Vertech's approach was the use of ViiPER.net, a proprietary online management system developed in-house. This tool offered real-time tracking, automated reporting, and seamless work pack creation—cutting planning and reporting times by up to 80%. Vertech deployed multi-skilled rope access teams to perform comprehensive inspections, including DROPS and API 4G derrick checks, lifting equipment assessments to NATA and AS standards, and non-destructive testing (NDT) techniques such as Magnetic Particle, Eddy Current, Ultrasonic, and Dye Penetrant Testing.

## OUTCOME

Vertech's integrated and proactive approach enhanced safety performance while delivering significant cost and time savings for the client. Their high-mobility teams also carried out specialised maintenance tasks—from hydraulic hose replacements to electrical installations—demonstrating a holistic and adaptable capability. The result was a highly efficient and compliant operational environment, setting a strong benchmark in offshore asset management.

