

Case Study

Wavefield Inseis AS deploys integrum for its integrated QHSE Management System



About Wavefield Inseis AS:

Wavefield Inseis AS is a Norwegian company providing proprietary and non-exclusive multi-client marine geophysical data for the oil and gas industry using highly specified vessels and the latest seismic equipment. From its offices in Oslo, Bergen, London, Houston and Perth, Wavefield Inseis has a global reach, with activities in the Americas, Europe, Africa, the Middle East and Asia.

The company's services include long offset 2D, high capacity 3D, 4D, Multi-azimuth and Wide-azimuth acquisition. It is also a full service permanent 4D acquisition provider and will, through a number of strategic alliances, bring new technologies to market to further accelerate and de-risk the replenishment of its clients' reserves.

Wavefield Inseis recognises that a company's Quality Management System cannot stand alone as a separate entity but that its processes must underpin all other management systems. Wavefield Inseis are therefore committed to developing an integrated Quality, Health, Safety and Environment Management System which is living, evolving and transparent.

The Challenge:

Wavefield's challenge was to find a software, easy to tailor with scalability, for start up operations to manage all QHSE management systems, both for land based operations and its growing fleet of vessels.

The software had to conform to oil and gas industry standards and guidelines and easily adaptable to the specific needs of Wavefield operations.

The Solution:

integrum Risk & Compliance software was selected after a global search. It was chosen due to its proven integrated management systems solution within the one package, its ease of use and ability to be tailored to suit Wavefield's operations. Also, the robust security and strong replication function of **integrum** ensured that the controlled integrated management system could be replicated to remote locations, such as off shore vessels, where internet connections can be unreliable. The functionality of **integrum** ensures only changes are replicated, providing a fast reliable replication service for remote locations.

The emphasis by Wavefield on Observation Cards, corrective actions, risk assessments and applied controls, and a centralised document management system, all of which are standard functionality within **integrum**, allowed Wavefield to quickly build their integrated QHSE management system in time for the launch of their first operating vessel, a short time after establishment of the start up company.

In Wavefield's own words: (Source: www.wavefield.no)

"The **integrum** software provides a central QHSE database, with real-time synchronisation between all work sites and onshore ensures that Wavefield Inseis' top management are kept fully in touch with all operations. A digital QHSE handling system is a key tool for sustaining a transparent safety culture which encourages active participation from all employees and which promotes individual responsibility and accountability.

All QHSE procedures are captured in the **integrum** central electronic database using formal approval workflows.

Fit-for-purpose documentation and intuitive IT systems are some of the techniques the Wavefield Inseis organisation uses to communicate QHSE within. The **integrum** notification system is fully integrated into the company email system and is fully web-enabled, allowing active client and sub-contractor participation without the need for specialised software.

Integrated risk management software module within **integrum** allows Wavefield Inseis' managers to systematically identify, evaluate, prevent, mitigate, and record hazards in structured registers linked to specific work sites, and specific tasks or activities.

An incident reporting process is the life-blood of any management system. It is recognised that time is at a premium at the worksite yet good-quality reports are essential. Intuitive report wizards within **integrum** ease the conflict and still capture information for review. Unsafe act auditing ("Observation cards") is another efficient method of recording many incidents. Investigations are carried out for serious incidents. Recommendations and root causes are captured in **integrum**.

A single incident may give rise to many corrective actions. Corrective actions may also be the result of a proactive quality audit on processes. Tracking continual improvement through appropriate handling of remaining CAR's is carried out within **integrum** after each remedial work and review. This methodology highlights the logic of maintaining a single, combined QHSE Management System.

Another method to drive continual improvement is via inspections. This simple yet powerful technique generates inclusiveness when performed via cross-functional audits, for example.

All QHSE records are maintained within the **integrum** system, which is replicated across multiple sites for security and autonomy in remote areas. The regular publication of statistical analysis of key QHSE KPI's raises the internal awareness of performance against baseline objectives and against industry trends.

Wavefield Inseis use internal audits to assess each site's overall QHSE MS profile and its compliance with the OGP industry-benchmark model. The **integrum** system automatically generates full audit trails for documentation, reports, and corrective actions in a format that eases external audit."

For more information including product demonstration and pricing visit www.integrum.com.au or call Intl 61 2 9836 3277



Risk & Compliance Software