



Asset Integrity Management Software

TOPSIDE - SUBSEA - ONSHORE



Centralised anomaly management for
Oil & Gas components and infrastructure

How ONE Helps Track Your Anomalies

ONE anomaly information management software is used by Oil & Gas operators to replace legacy spread sheet repair registers with a single streamlined application enabling major benefits for all types of topside, subsea and onshore installations.

Used offshore and onshore for pipework, vessels, structures and pipelines, ONE tracks every anomaly on any asset component from discovery to closeout, recording assessments, associated tasks, actions, comments, documents, images and digital video.

IQ Integrity's ONE software is a customisable integrity management toolkit which can be implemented to suit any workflow or process requirement. Currently in use in the UK by Apache North Sea, Centrica Storage, Premier Oil and TAQA Bratani.

ONE currently provides complete anomaly management for 10% of the UK North Sea, including offshore platforms, onshore terminals and subsea infrastructure.

Anomaly Tracking - Benefits

"Simple logical anomaly workflow"

That's how our users call it, when referring to the creation of new anomalies within ONE.

Each client has unique workflow and terminology for process management. We recreate these within the application, to ensure standard data is input by users, using phrases they already know, throughout ONE. With this normalised data, the application provides uniform reporting across all assets.

Record and assign unlimited anomaly information, for example:

- ▶ Performance Standard
- ▶ Hydrocarbon
- ▶ Safety Critical status
- ▶ Number of Temporary Repairs
- ▶ Leak type
- ▶ Priority ranking
- ▶ Risk Assessment
- ▶ Repair and Fabric Maintenance tasking

In addition to the above features, each anomaly enables recording of ongoing comments and assessments from multiple sources including: Onshore and Offshore Inspectors and 3rd party contractors. ONE automatically records the date/time and user's name who entered the comment. All details are visible in a history page for transparent audit trails.



Tasks & Procedures

Defined industry standard task recording and tracking for Anomalies including:

- ▶ Temporary Repairs
- ▶ Permanent Repairs
- ▶ Weekly / Monthly / Annual / Ad-hoc Monitoring
- ▶ Isolations
- ▶ Repeat Annual Inspections

Complete with Task Allocation Groups – search and report by number of completed and incomplete tasks per group and easily view the associated anomalies and components.

Filtering Anomalies & Components

Comprehensive search filters allow user search criteria to focus on particular anomaly elements and zones:

- ▶ Component search by name, equipment type, anomalies & tasks
- ▶ Summary one-click report queries for common search criteria

“ONE has changed the way we look at and manage our anomaly's. The centralised system has many more advantages for our integrity process than was possible with our heritage systems. ONE's transparency and action tracking is absolutely total, the quality of information has increased significantly. It has cut about 40% off the administration time and we have an audit trail that makes compliance easier.” Jim Saunderson, Mechanical TA for Apache North Sea



Component Register - Benefits

From the entire Asset right down to the smallest feature, ONE enables you to record and track every component in an easy to use application.

Components can be assigned GPS information, so you can visualise where they are - anywhere in the world.

Every component can hold an infinite number of custom attributes, for example:

- ▶ Material Specification
- ▶ Fluid Type
- ▶ Performance Standard
- ▶ Wall Thickness, design data & dimensions
- ▶ CMMS tag
- ▶ Operating Status
- ▶ and many more..

Designed to accommodate geographically diverse subsea fields and track cross-country infrastructure.

Ability to associate components with other components, in the same way they are physically connected in the real world, to assist in the risk analysis process.

Reports - Live & Monthly Trend KPIs



ONE has a vast array of standard and enhanced visual reports, dynamically illustrating the anomaly life cycle and critical component information.

benefits of ONE

- ▶ Simple, logical, anomaly creation workflow.
- ▶ Integrates all anomaly management functions across assets & fields, within a single application.
- ▶ Tracks multiple tasks and assigned action parties, helping to ensure timeframes are met.
- ▶ Complete access to all anomaly information within a centralised application.
- ▶ Enables live status view and reporting of all anomalies, components, tasks and due dates.
- ▶ Helps to maintain consistent high quality data input – using “your company” terminology & process.

About IQ Integrity.

Based at Westhill in Aberdeen, UK, IQ Integrity initially developed a standalone Temporary Repair Register in 2009. After consulting with the Oil & Gas industry, we enhanced the application into a fully featured Anomaly Management System, which included functionality that Integrity managers across multiple companies indicated to be highly desirable.

Our client User Group meetings are key to the future development of the ONE application. Suggestions and feedback are received from all end users of the ONE application. Together we are developing an industry standard and common workflow Anomaly Management System.

We recently launched ONE version 5, which has integrated Anomaly and Component information, to enable tracking of anomaly and component status for Topsides, Subsea and Onshore infrastructure.

ONE application, ONE solution.

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