



Features & benefits

The features and benefits iQ flange management offers

Software overview

Our iQ software is the industry's premium independent solution for bolted joint integrity and flange management.

Our secure cloud-based platform and integrated modular build supports the whole range of workflows. From carrying out individual bolted joint calculations to carrying out full flange management across mega greenfield projects, iQ is consistent with the very latest industry best practice.

iQ platform

Calculations



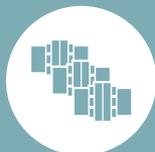
Calculation Engine

Our industry leading bolt load calculator



Calculation Manager

Store and manage calculations



Joint Manager

Store, maintain, audit, and search joints

Projects



Work Pack Manager

Create workflow and manage packs



Document Manager

Upload, organise, and link documents

General

Independent, secure, with intelligence from industry experts, and backed by our renowned 24/7/365 support.



Independent

iQ provides a single source of objective truth for bolt load calculations and flange management information.

Provides single source of objective truth for bolt load calculations and flange management information, which can be utilised by multiple operators and contractors, ensuring data integrity and can be fully audited.



Industry expertise

24-7-365, round-the-clock support from specialised industry experts.

Our support staff have a global reputation as leading authorities in the field of bolted joint integrity - supporting clients in finding the correct solution quickly and effectively.



Cloud-based

Our cloud-based solution provides the highest level of data security.

Hosted securely in the cloud, user data is safe and secure, and is available 24/7/365.

Calculations

Our calculation engine is industry leading. It has the largest libraries, and provides instant risk assessment with our unique joint integrity review.



Industry leading calculations

Highly sophisticated bolt load calculations are continuously updated to the very latest best practice and independently verified.

This allows the user to demonstrate provenance to industry guidelines (ASME PCC-1 / Energy institute) and ensures that they are automatically kept up to date with the most effective way to reduce hydrocarbon release.



Vast capacity

The industry's largest libraries of flanges, gaskets, fasteners, lubricants & tightening tools, plus modules for clamps, heat-exchangers & special flanges.

This guarantees that all an asset's mechanical joint requirements can be met, thus removing the necessity of costly external consultancy fees and inaccurate, unsafe approximations.



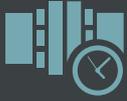
Instant risk assessment

Our unique joint integrity review gives the user the capability to carry out an instant impact assessment.

The joint integrity review allows an assessment of any given bolt load across an almost infinite variety of flange assembly combinations. The easy to read risk indicators, safety warnings, and automated engineering advice gives the user the power to make quick, informed decisions to reduce schedule slippage, hydrocarbon leakage, and the hidden cost of component damage.

Projects

Our software is armed with a secure online repository of all data, simple workflow, and an interactive joint history - critical tools for effective flange management.



Interactive joint history

The easy project structure and powerful search allows users to quickly identify a single flange across a whole project inventory.

Once selected, as all the iQ modules are fully interactive, users can quickly get an overview of the joint information, including a direct link to the bolt load calculation. Our software dramatically reduces man hours searching for and transferring critical joint data by allowing it to be fully audited easily.



Simple workflow report

Users can easily create a wide variety of work packs, and indicate a real time joint status across multiple packs.

The autopopulation of reports, continuous link to the bolt load calculation, and joint status change rationale maintains the integrity of the joint data throughout the process and allows easy reporting of completion updates.



Secure online repository

All flange management related documentation, including joint reports, drawings, photo capture, certificates etc., are securely stored in the software.

Any documentation can be linked directly to a specific joint, providing a detailed flange history, giving the user the ability to proactively plan campaigns, vastly reducing time in the field.



asset55 ltd, The Beam, Plater Way,
Sunderland, Tyne and Wear,
SR1 3AD, United Kingdom.



www.assetfiftyfive.com



Enquiries: enquiries@assetfiftyfive.com
Sales: sales@assetfiftyfive.com
Support: support@assetfiftyfive.com



Enquiries: +44 (0)191 535 8350
Sales: +44 (0) 191 535 8350
Emergency support: +44 (0) 191 535 8352

asset55TM
the software behind oil & gas

© Copyright 2020 asset55 Ltd. All rights reserved.
The asset55 logo and IQ logo are trademarks of asset55 Ltd.
a55-featben-4.0