



Industry Challenges

Asset55[™]

The world's foremost provider of flange management and construction solutions software to the global energy market.



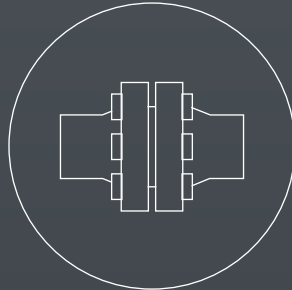
Industry Challenges

Traditional Flange Management vs Asset55 iQ Flange Management

Flange management within the oil & gas industry has not always kept pace with technical developments in other areas, increasing the risk to both safety and cost. The issues of hydrocarbon leakage, re-work, schedule-slippage and damage to flange components are commonly driven by the following contributory factors:

Outdated Bolt Load Calculations

- Handed down, shared, revised & diluted
- No traceability or provenance to trusted source
- Not aligned with best practice guidelines
- Assess bolt stress only



Industry Leading Calculations

- Proprietary, traceable methodology
- Continuously updated & improved
- Independently verified
- Assesses impact on all mechanical joint components (bolt / flange / gasket)
- "Tight first time" approach

Inadequate Calculation Tools

- Tools limited and not auditable
- Only most common components covered
- No ability to update tool easily
- Leads to inaccurate, unsafe approximations



Sophisticated & User Friendly Calculation Tool

- Industry's largest libraries of flanges, gaskets, fasteners, lubricants & tools
- Modules for clamps, heat-exchangers & special flanges
- Experts provide assistance where an element isn't already listed

Deficient Storage of Critical Data

- Many solutions tied to individual user / PC
- Risk of data loss and the inability to quickly share information or updates
- Lack of single consistent flange management system for an asset
- Poor recording of joint information across multiple systems / contractors
- No clear audit trail or ability to interrogate data to identify trends / efficiency opportunities



Secure & Accessible Storage of Critical Joint Data

- Secure, cloud based solution
- Single repository of all critical flange related information & documentation
- Single, consistent flange management tool accessible by operator & contractors
- Fully auditable record of an asset's joints

Lack of Independent Technical Support

- Many existing solutions come with no technical support
- Other available support either not objective or comprehensive



Specialist Engineering Support

- iQ is supported by a team of expert engineers
- Global reputation as a leading authority in the field of bolted-joint integrity
- Support ranging from a specific joint to full company-wide bolting procedures



Asset55™

Asset55 is the global leader in bolting integrity and flange management solutions. Get in touch today to schedule a demonstration of our iQ software, custom-tailored to your organisation's needs.

T +44 (0) 191 495 5218 **E** sales@assetfiftyfive.com **W** www.assetfiftyfive.com