Asset55

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

iQ Flange Management

iQ on the Cloud

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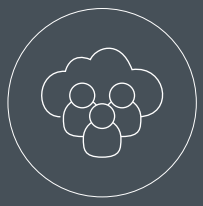
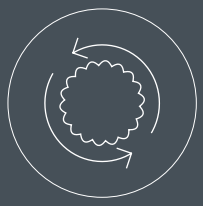
The benefits of using iQ on the cloud



User access flexibility

As iQ is cloud based, no installation is required. This allows authorised users to access the system the instant they are sent their individual, secure login credentials. This flexibility allows the remote management of employee / contractor access, restricting views to specific work scopes if required, whilst deactivating user access once authorisation has expired.

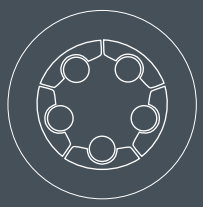


Continuous quality improvement

The iQ system is continuously updated and improved. This benefits the onine user community by providing added functionality through seamless upgrades. Full online visibility also facilitates quick resolution of any technical queries a user might have.

Ongoing technical compliance

Our expert engineering team has a global reputation as a leading authority in the field of bolted-joint integrity, contributing to numerous industry standard bodies and initiatives. Through the iQ system, they ensure that users are automatically kept up to date with the very latest industry guidelines and best practice.



Real-time project collaboration

The iQ system provides a consistent, independent single source of the truth for any project's flange management process. Real time joint status updates, online document repository, and remote user management supports collaboration, full traceability and joint integrity. This leads to shortened schedules, reduced risk of hydrocarbon leakage, and reduced flange component damage.

iQ data security

We use cloud based web application and SQL database technologies to keep client data safe. All of our SQL database servers are surrounded by a firewall, which only accepts connections from a strict list of IP addresses. All live databases are hosted on their own database server, which allows us to restrict access within our own organisation so only senior members of Asset55 staff are permitted access.

As our databases and web applications are hosted offsite, we are also protected against local power outages, service failures or potential onsite disasters. We use geo-replication and failover to mitigate against any service issues from our cloud provider. If our provider has an issue with their data centre in Location A (where our primary database is hosted), they will automatically fall back to accessing one of our secondary databases in Location B (which has been replicating data from the primary database). This will not only result in no data loss, but also minimal service disruption. We can also provide point in time restore of data to any time within the last 30 days.

We also have transparent data encryption enabled on all of our SQL databases. This means that any database, backup or database log is encrypted at rest (when the data is not being read by our application). Even if someone were to gain physical access to the cloud machine that contains this data, they would be unable to read it.

Our cloud provider also supports threat detection, and provides warnings to us if any suspicious activity is detected.
Our web applications are secured by the standard username and password authentication methods you would find on all web applications. All SSL Certificates are secured with SHA-256 RSA encryption. We also use general web best practice and support HTTP Redirect and HTTP Strict Transport Security to ensure traffic is not allowed to access our web application over an unsecure connection.

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.

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