

> Facilitate a controlled, staged transfer of responsibility back to the owner-operator via an intelligent centralized digital completions system <



> MODS Connect Completions delivers projects from contractor to client with all inspection, testing and commissioning information attached to a 3D-model database for accountable and cost-effective handovers <

> MODS Connect Completions Business Case

> Does MODS Connect Completions integrate with a 3D model?

MODS Connect Completions can be used as stand-alone software or with an interactive 3D model with color-coded Inspection and Test Record (ITR) status, giving a friendly user experience.

> What assurance does MODS Connect Completions software provide?

By creating a system of digital tags and records with associated metadata, all essential ITRs are fully auditable during the project lifecycle and beyond, giving the client the confidence and assurance that they desire.

> Can ITRs be created and edited in MODS Connect Completions?

Yes, if new ITRs are required, MODS will create them for you. Each ITR has a unique QR code, allowing for easy scanning and signoff within the database. QR codes are used to identify and control the data input. Each reference is a unique item in the process, and by scanning the QR code on single items or by entering the reference number for group data, the relevant input requirements will automatically be presented for editing and signoff.

> What are the training requirements to use MODS Connect Completions?

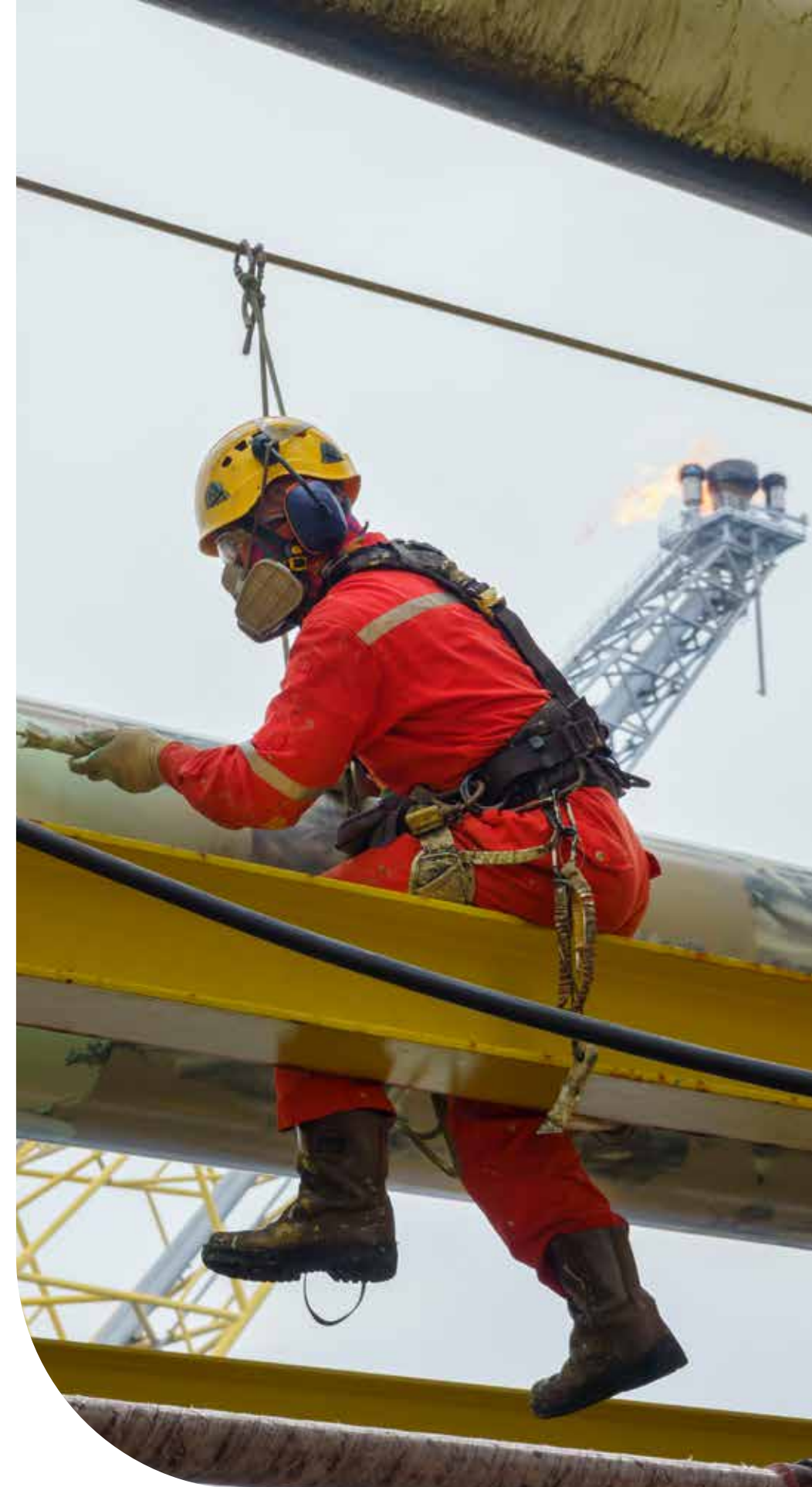
Minimal. The handheld device is menu-driven to reduce the training required for fieldwork.

> Can you customize milestones in MODS Connect Completions?

Yes. The overall design of the entire MODS Connect software suite is to provide project flexibility, including the ability to customise project milestones. Milestones can be added, removed or edited, depending on the project requirements. ITRs are then allocated to each milestone as per project set-up.

> Will completions management software make workflows more efficient?

Yes, MODS Connect Completions can work as a simple stand-alone software module that optimizes workflows to remove the mundane daily administrative task for the end user, improving work efficiency. In addition, MODS Connect Completions works in unison with the entire MODS Connect software suite, including MODS Connect WorkPack and MODS Connect Integrity. Information sharing among the MODS Connect modules allows changes made in one module to be reflected in another. This takes away the need for multiple entries and updates by the end user.



> MODS Connect Completions Business Case



> MODS Connect Completions Features

- Data import via Excel template with data validation
- Remotely accessed tag database
- Customizable milestones
- Corporate suite of ITRs and handover certificates
- Project set-up copy tool
- Project terminology screen for regional/industry differences
- Tags and punch management batch approvals/updates
- Mechanical completion
- Replication and digitalization of customer ITRs
- Auto-allocated ITR forms with auditable history
- Static/dynamic commissioning
- O&M and turnaround management
- Digital forms, certificates & approvals
- Digital handover certification dossiers
- Mobile online/offline capability
- Punchlist management
- Mobile punch item entry, with images
- Real-time status reporting
- Multiple project access
- User role restrictions

> MODS Connect Completions Benefits

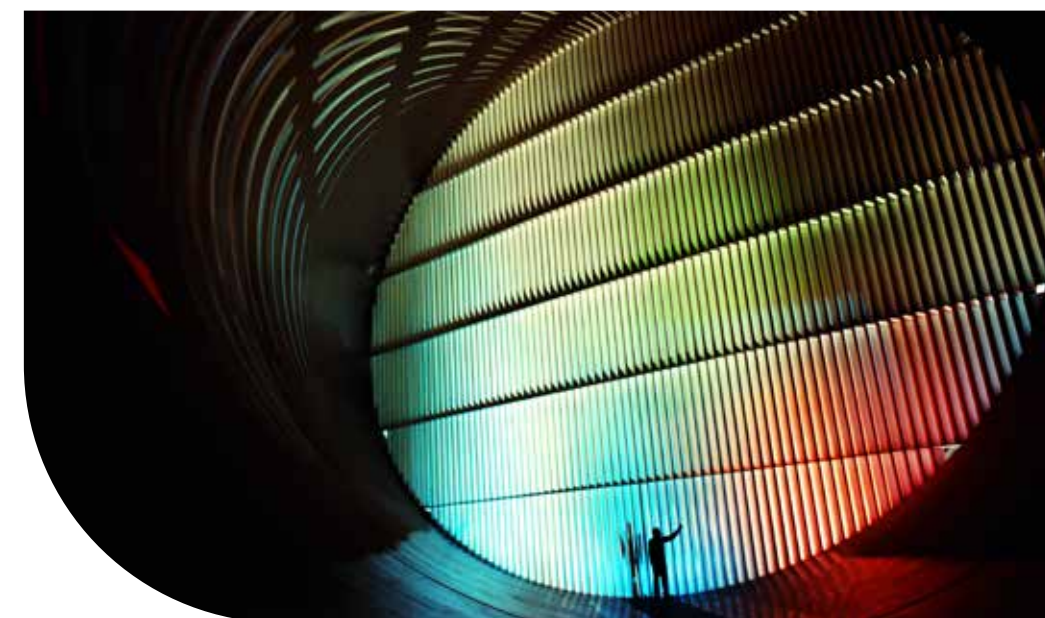
- Full visibility, traceability and accountability
- Improved productivity by up to 70%
- Cloud-based system using hand-held devices
- Real-time/live reporting eliminates time-lags
- Large reduction in administrative burdens
- Structured accountability for user rights
- Automated system population
- Removes inefficient system interfaces
- No delays in ITR signoffs or handover
- 100% paper-free execution if desired

2000

Digital handovers completed on Assets throughout the **Gulf of Mexico**, the **UK** and the **Asia-Pacific** region, navigating SIMOPS safety and efficiently in a variety of contexts.

90,000

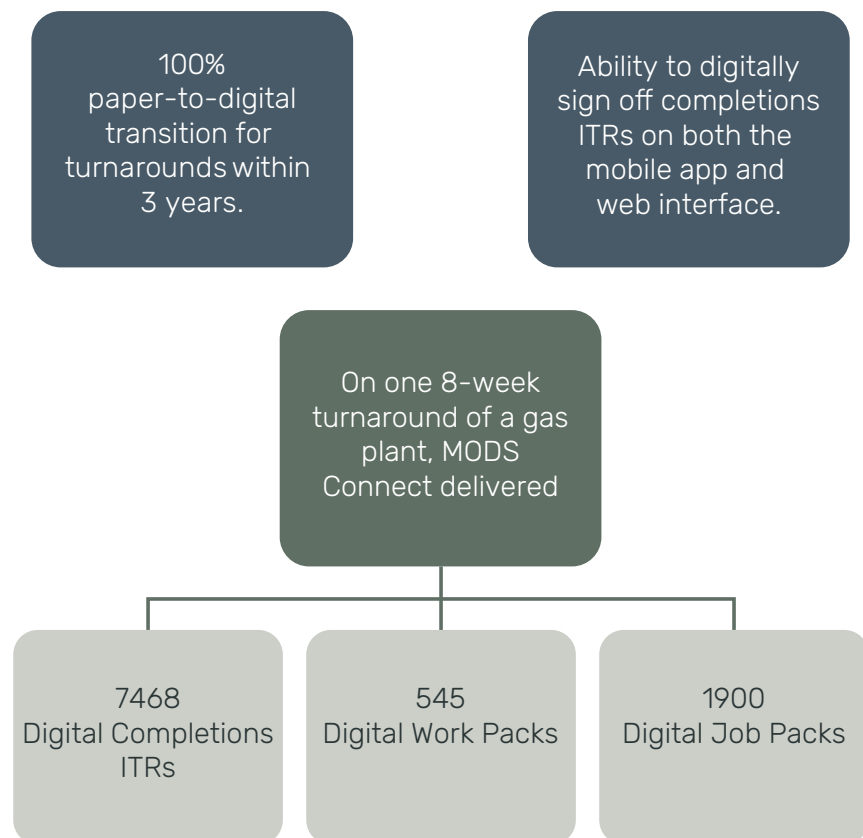
Inspection test record verified to ensure **safe, compliant** and **efficient** completions processes for projects around the world.



> MODS Connect Completions Business Case



> Digital completions management on a large-scale LNG plant



“MODS Connect Materials, MODS Connect WorkPack & MODS Connect Completions software used during the planning and executions phases for this enhanced oil recovery project. MODS Connect is used to manage all purchased materials as well as free issue 3rd party materials. All received against PO, shipped by MODS Connect as per construction schedule”.

Project Manager at EOR Ithaca



UKCS brownfield TAR & on CAPEX offshore brownfield O&M of multiple North Sea assets with springhanger rectification and small-bore tubing anomalies



Contractors able to track materials being delivered offshore, and to demonstrate receipt of goods with proof.

Elimination of shipping time; as soon as a digital work pack was signed off offshore, it progressed to closeout.

Achieved on-schedule 30-day TAR.

“We have standardized what ‘good’ looks like and we have the flexibility to meet client-specific requirements. We can record all information that goes into the system and measure and monitor data in a consistent manner so we can be very confident that what we report is accurate. Progress and photographs are at the click of a button. The accuracy is a very important point, the tools allow the folks in the field to trust the information coming to them to quality check. MODS Connect has strengthened quality control and transparency of project information. This gives us the ability to be more efficient, removing manual processes, including labor required to process information, all in one environment.”

Digital and Innovation, Future of Project Delivery Lead



> A case study in brownfield digital solutions

Petrofac designs, builds, and operates world-class energy facilities engineered for safety, optimal efficiency and low emissions. In January 2020, MODS partnered with Petrofac to remove manual processes from their brownfield development projects.

Challenged with capturing data as well as the consistency and accuracy of that project data, Petrofac's brownfield delivery and digital execution teams, selected MODS Connect as the digital solution for the UKCS. MODS Connect, compatible with Petrofac's existing systems and processes, decreased administrative burdens to improve efficiency, reducing time and effort by 50 percent.

The cloud-based MODS Connect enhanced Petrofac's ease of communication, delivering project transparency with internal and external stakeholders for a variety of brownfield projects. Petrofac harnessed the power of digitization and visualization through MODS Connect WorkPack, MODS Connect Materials and MODS Connect Completions.

> The Problem: Data Drain

Petrofac prioritizes information management, which is particularly challenging in brownfield contexts. Therefore, their overarching objective in partnering with MODS was to capture all data in one system.

> The Solution: MODS Connect

Petrofac have implemented MODS Connect since early 2020 across a range of UKCS brownfield and TAR projects that have varied considerably in type and scope.

> The Benefits: Improved Brownfield Project Delivery

50 percent time saved in providing clients with key project data. Project transparency enabled informed decision making, anticipating and avoiding common pitfalls. High volumes of diverse brownfield modifications were delivered on time and within budget using MODS Connect.

"[With MODS Connect] we have standardized what 'good' looks like and we have the flexibility to meet client-specific requirements. We can record all information that goes into the system and measure and monitor data in a consistent manner so we can be very confident that what we report is accurate. Progress and photographs are at the click of a button. The accuracy is a very important point, the tools allow the folks in the field to trust the information coming to them to quality check."

