

MODS Connect Integrity: Latest Software Release Increases Accountability, Preserves Historical Records, and Links with Real-time 3D Model for Assured Bolted-Flange Management

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Aberdeen, UK — 05/11/2025 — [MODS](#) announces the latest release of [MODS Connect Integrity](#), an advanced bolted flange management module within the comprehensive [MODS Connect](#) software suite. This product delivers lifetime joint traceability, accountability, and complete visibility for bolted flange management—helping asset owners, EPCs, and contractors reduce leak risks, minimize downtime, and accelerate safe, leak-free start-ups.

Joint integrity remains one of the highest-stakes issues in the energy sector, with safety, environmental protection, and operational reliability all hinging on flawless execution. In fact, oil and gas production loses over a billion dollars every day from integrity failures; offshore, a leading cause of which are leaking joints.

“Ensuring no loss of containment for hydrocarbons is paramount,” says Jon Bell, CEO of MODS. “MODS Connect Integrity was created to solve the traceability and accountability gaps we’ve seen across projects worldwide, replacing unreliable paper trails with a robust, real-time, fully digital solution.”

Historically, bolted flange management has relied on paper records or spreadsheets—systems prone to lost documentation, inconsistent record-keeping, and missed learning opportunities when problems occur. MODS Connect Integrity addresses these issues with unique lifetime joint IDs that preserve historical records across the entire asset lifecycle, combined with digital check sheets, built-in torque and piping spec validation, and automatic anomaly flagging to ensure every joint meets operational standards.

Key Features of the latest release of MODS Connect Integrity include:

- **Lifetime Joint Tags:** Assigns a permanent ID to each joint for uninterrupted traceability from installation through operations.
- **Automated Validation & Issue Flagging:** Compares field-entered torque values against client specifications, instantly highlighting potential problems.
- **Integrated Accountability:** Digital signatures capture the individual responsible for each joint, ensuring competency and compliance.
- **3D Model Integration:** Links progress to the MODS Connect Viewer, with color-coded status for instant visibility in war rooms and progress meetings.
- **Offline Field Capability:** Collects data in remote areas without connectivity, syncing seamlessly when back online.

This latest release of MODS Connect Integrity allows stakeholders to monitor project joint status directly on a live 3D model, streamlining handover and commissioning. This transparency helps prioritize work, reduces administrative burden, and significantly cuts the risk of delays.

Explore MODS Connect Integrity: <https://www.mods.solutions/integrity-software-demo>

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