

INSPECT & CLOSE



DIGITAL
INSPECTION
& VERIFIED
CLOSE-OUT

AI-assisted checks, photo validation
and sign-off — all linked to the
Unique Joint ID.

No untraced joints

No missing records

No manual form filling

Built for greenfield, brownfield,
shutdowns, turnarounds, maintenance,
offshore and FPSO.



How **TAURUS** Works For You ...

Critical bolted-joint information is spread
across drawings, calculations,
spreadsheets, field records, photos and
inspection documents.

Connected **Integrity**

TAURUS connects them around one
Joint ID — from engineering intent
through execution, inspection and final
assurance.



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AI Flange Management & Asset Integrity Solution

From engineering data to
verified field close-out —
**one connected workflow for
all critical bolted joints.**

**UNIQUE JOINT ID • ONE DIGITAL
RECORD • COMPLETE TRACEABILITY**

CLOUD-BASED PROJECT & WORKFLOW MANAGEMENT



Projects



Workflows



Checklists



Tools



Manpower



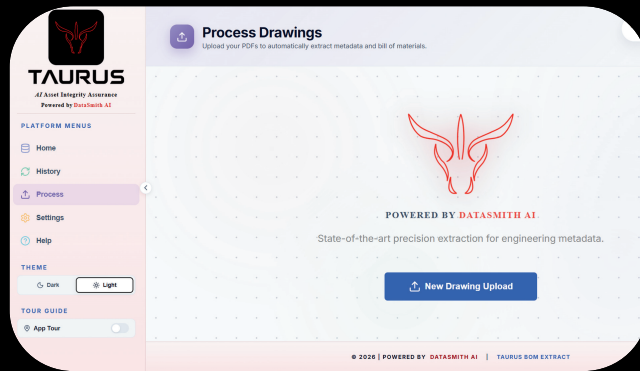
Resources



Live Monitoring

EXTRACT BOMs

AI-ASSISTED ENGINEERING BOM
EXTRACTION



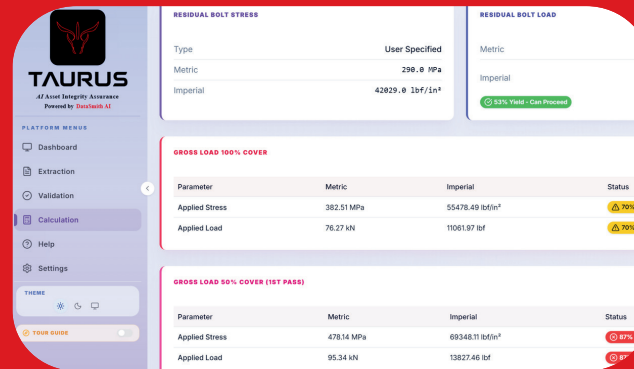
Extracts and structures critical joint data —
flange, gasket, bolt size, grade and quantity
— from ISOs, P&IDs and flange drawings.

Every joint tagged with a **unique Joint ID**
from day one.

CALCULATE & VALIDATE

AI-ASSISTED CALCULATION &
VALIDATION ENGINE

BOLT PRELOAD • TORQUE • TENSIONING
PRESSURE • PASSES • TOLERANCES •
AI-ASSISTED TOOL RECOMMENDATION

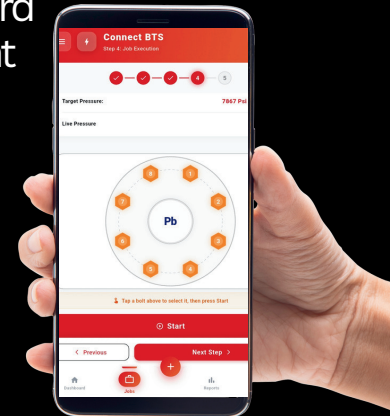


Aligned with **ASME PCC-1**
or owner specifications.

EXECUTE & CAPTURE

QR / RFID • GUIDED BOLT MAP •
IoT / BLUETOOTH LIVE READINGS

→ Approved Value
→ Field Value
→ Execution Record
— on every joint



Connected Field Evidence

Bluetooth tools and gauges stream live
torque and pressure to the Joint ID —
synced over Wi-Fi or cellular.
Zero manual entry. **No** missed steps.



JOINT ID

QR / RFID



VALIDATED ENGINEERING

Approved Values



APPROVED vs ACTUAL

Engineering vs Field