

Mechanical Integrity

Minimize downtime, reduce risk, improve operational performance



Automate maintenance

Replace manual processes with automated maintenance and inspection scheduling. Record inspection results and track corrective actions.



Extend asset lifespan

Boost equipment longevity, minimize defects, reduce downtime, and enhance safety proactively.



Quality assurance

Embed manufacturer specs and instructions into the inspection and maintenance process to ensure equipment is used and repaired correctly.



Ensure compliance

Automate safety checks and alerts, improving legal and best-practice compliance while reducing risks and maximizing safety.

The TenForce Mechanical Integrity Process

1. Schedule maintenance activities

- ✓ Plan, prepare, execute, and follow up inspections.
- ✓ Identify and assign tasks and track their completion using dashboards that show completed, pending, and overdue tasks.

2. Manage the lifecycle of your assets

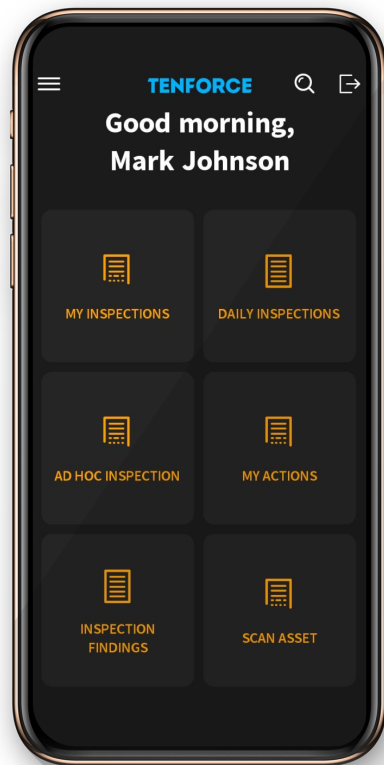
- ✓ Maintain full asset lifecycle visibility, with viewable maintenance and inspection history.
- ✓ Ensure safety and technical oversight from commissioning to retirement of equipment.

3. Centralize your asset inventory

- ✓ Use web-based inspection forms and checklists to record consistent plant-wide inspection data and equipment-specific details.

4. Collect and analyze data

- ✓ Analyze real-time data for quick defect detection, anomaly identification, and predictive maintenance prioritization.
- ✓ Keep a comprehensive asset history, including outages, malfunction analysis, and end-of-life decisions.



Improve equipment reliability by up to

50%

Reduce energy consumption by up to

15%

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