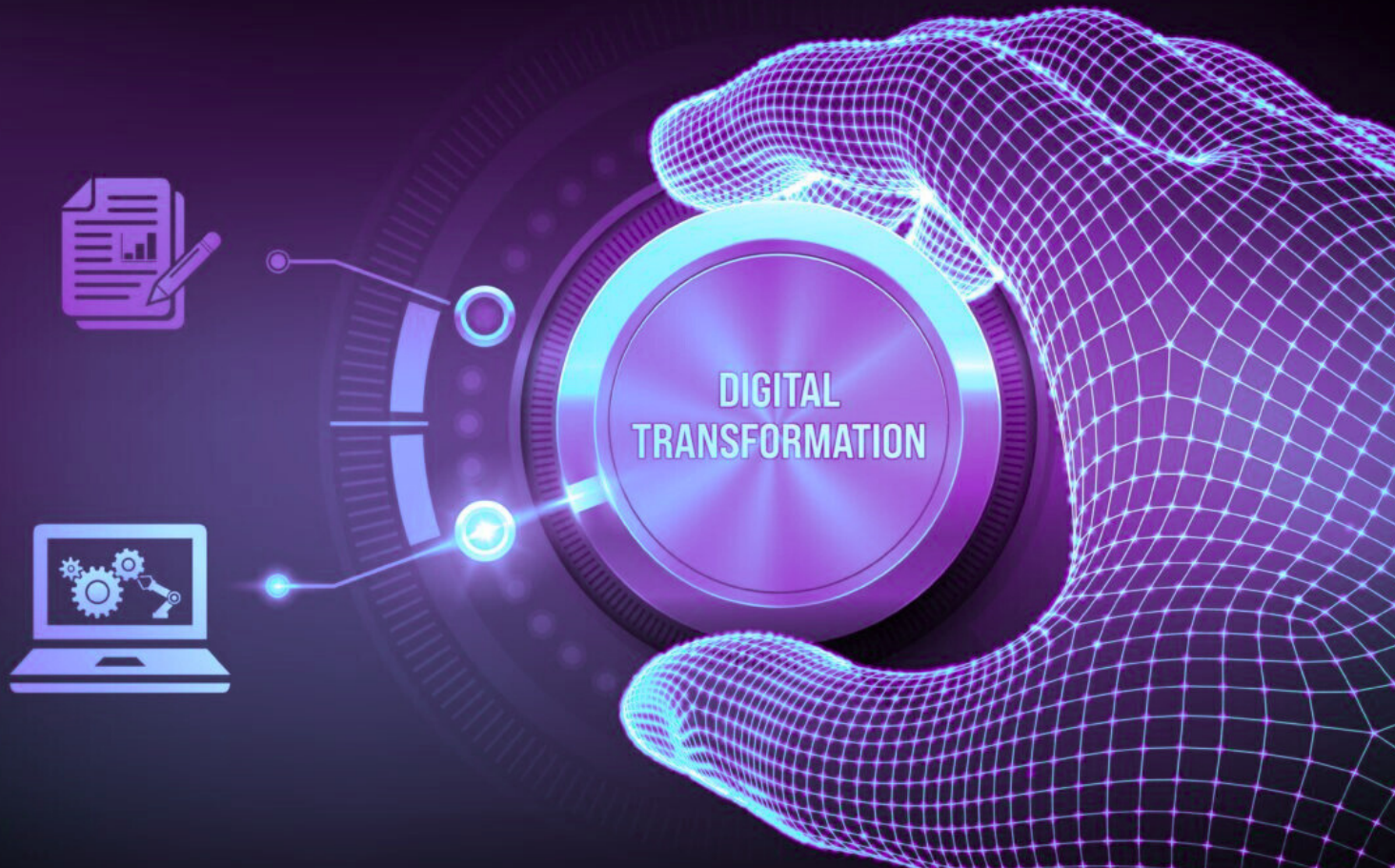




An ISO 9001:2015 Certified Company

X- Force Digitalization

DoW- Digitization of Work

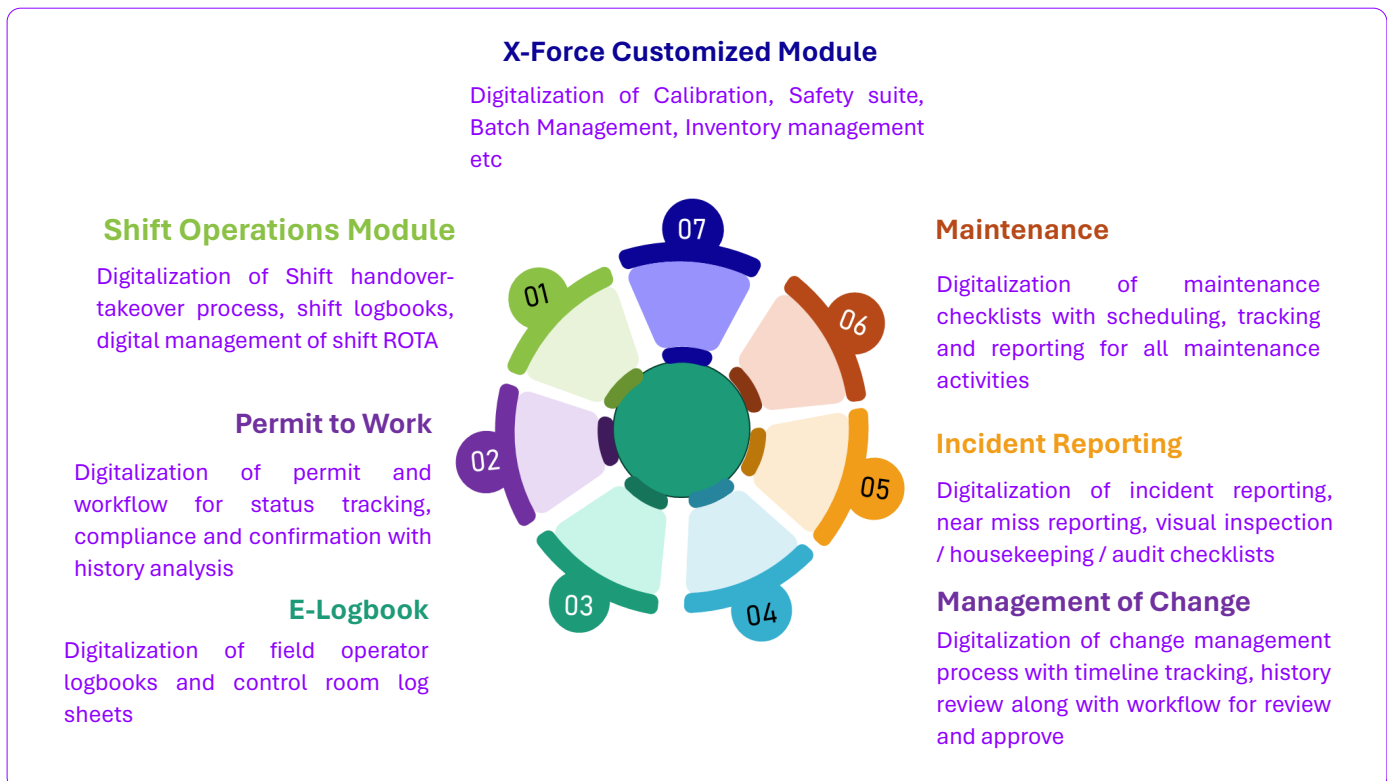
Overview

X-Force DoW helps industries transition from manual to digital workflows across operations, maintenance, safety, and HSE procedures. It streamlines and standardizes tasks for improved efficiency and compliance. Industries like Oil & Gas, Power, Steel, Energy, and Food & Beverage benefit significantly. This digital transformation enhances visibility, accountability, and performance across all departments.

Value Delivered with X- Force DoW

			
Cost Saving	Resource Savings	Decision Making	Productivity
Paper cost saves 50,000 – 1,00,000 Rs annually in Pipelines Operations by eliminating paper-based logs. Men hours(Manual Entry, Data Retrieval, Report generation and Audit preparation) saves 50,000to 1,00,000 Rs per annum.	Digitalization of Oil Pipeline Operations saved 20 to 25% Manhours per day in reporting, communication &co-ordination. Leading Metal Industry saved 10000+ Man hours per year by data centralization & reporting. Elimination of paper logbooks in Pipelines Operations helps in saving of 1 - 2 Tonne Paper per year.	Increases decision-making speed by 20-30% due to real-time analytics and dashboards. Early deviation detection can reduce potential losses from unnoticed issues by up to 10 to15% annually.	Increase work force productivity by 5-10% by eliminating redundant tasks. Improves communication efficiency by 10-15% through centralized data access.

X- Force DoW - Modules



E - Logbook Module

	Auto asset identification RFID, Barcode		Location and time binding		Online and offline data entry supported
	Highlighting values exceeding predefined limits		Validation by supervisor		Multiple logbook data
	Notification, SMS, email, in-app		Roles based user authentication		Integration of real time data

DL_PUMP_Edit

EntryDate/Time

05-08-2023 16:00:00

Select Pump

Pump_A01_P001

Generation

Tag Value

LV: ****

?

IsProcessed

False

Name

Name

ReportDate

ReportDate

Speed

Tag Value

LV: ****

?

RESET

SAVE

CANCEL

Shift Operations Module

Shift Operations Module compiles data from various forms, logsheets, checklists and provides shift summary report providing composite view of previous shift operations to incoming supervisor / operator engineers during shift handover. These reports help incoming users to understand plant situation & plan operations for upcoming shift.

- Overview of operations status, HSE incidents, Work Permits, change management status, any abnormal operations etc.
- Integrate with X-Force Alarm Management to get snapshot of standing alarms & their status and other Alarm analysis.
- Special operational instruction received from management.
- Equipment status and on-going/scheduled Maintenance Activities.
- Each handover-takeover is secured with digital signature of both parties.
- Notification to relevant stakeholders about acceptance.

Permit to Wok Module

- Realtime permit notification to respective stakeholders
- Realtime notifications and tracking for permit activities, requests and approvals
- Tracking of each permits
- Digital signatures and approvals
- Integration with existing systems (e.g., SCADA, ERP)
- Monitoring dashboards and reports for real-time and historical analysis.

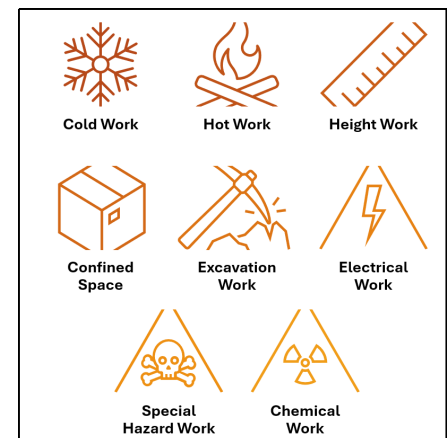
Incident Reporting Module

Incident and near miss reporting is a very important safety-related activity. Manual reporting of such activities can cause delays in action.

Incident Reporting Module provides a solution for every plant user to report incidents and near misses. Issues are reported with specific location/equipment. Each report can be categorized into different types of incidents or near misses, such as:

Positive Observations. Unsafe Acts. Near Miss. Minor Injuries, Lost Time Injuries. Fatalities. Fire Hazard

Types of Permits

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Management of Change Module

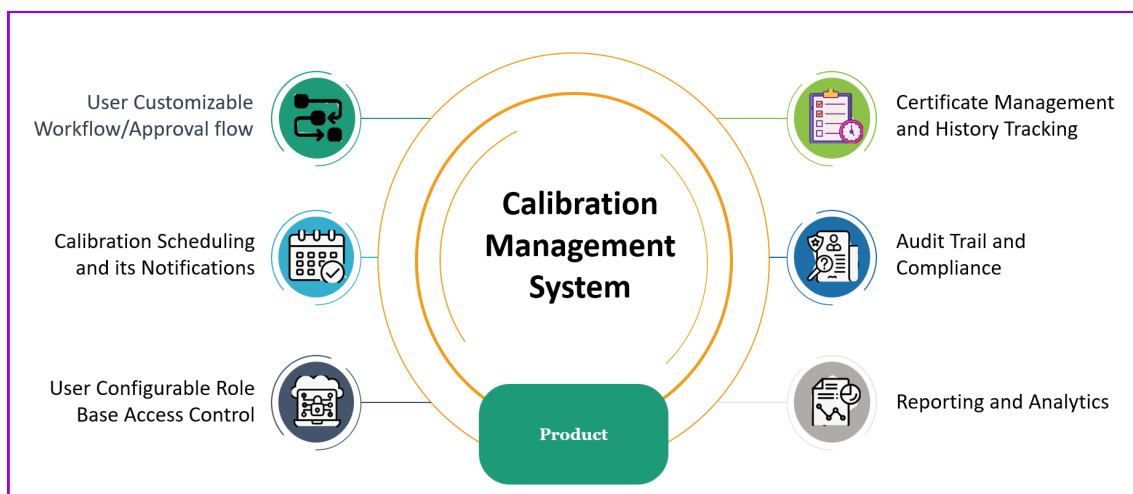
- Any Stakeholders can generate MoC.
- Predefined workflow for MoC approvals.
- Real time monitoring of MoC Status.
- Update SOPs / Forms once MoC is implemented.
- Maintain Documentation related to MoC.



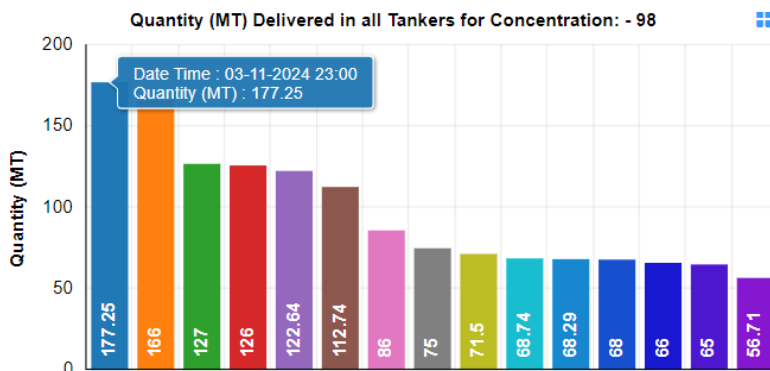
Calibration Management System

Calibration ensures that instruments and equipment operate within defined accuracy limits. A Calibration Management System streamlines the process by efficiently tracking, scheduling, documenting, and reporting calibration activities. Manual calibration methods often lead to missed schedules, incomplete records, human errors, and increased risk of non-compliance. Additionally, they lack real-time visibility into asset status, making manual tracking time-consuming and unreliable

Features



X- Force DoW Reports & GUI



Customer Rerefers Our Solutions

