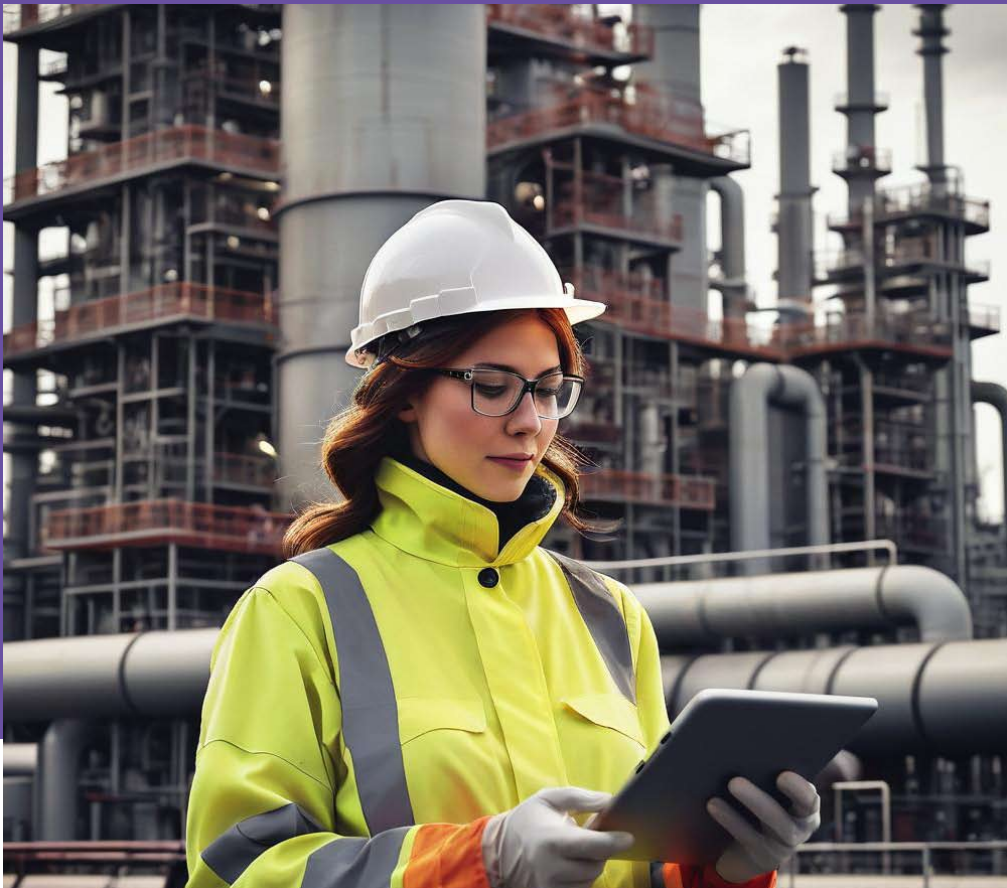


DIGITAL OPERATIONS EXECUTION SYSTEM (DOES) FOR PROCESS INDUSTRIES

Digitalize Your Operations And Enable 'Connected Worker'



DOES makes 'a day in life' easier

- ✓ Seamless Shift Handover
- ✓ Instructions Management
- ✓ Effective Morning Meetings
- ✓ Improved Asset Maintenance
- ✓ Good quality data for AI-adoption
- ✓ Data Integration and Easy Analytics
- ✓ Centralized Governance of Safety Interlocks
- ✓ Collaboration among Process, Maintenance and Quality Teams

DIGITAL OPERATIONS EXECUTION SYSTEM (DOES) FOR PROCESS INDUSTRIES



DOES offers improved operational performance, data accuracy, real-time decision-making, traceability and accountability resulting in greater efficiency, product quality and environmental sustainability.



Powerful Features

- ✓ Online/offline/auto modes
- ✓ Role-based instructions management
- ✓ Simplified RCA
- ✓ Consolidated view of interlocks for safeguarding the plant
- ✓ IOW limits management & escalation-based alerts
- ✓ Customizable reports & dashboards based on user roles
- ✓ Alerts & notifications as required
- ✓ Integrated view of operations & asset data for simplified analytics
- ✓ Native mobile app with seamless connectivity

Benefits

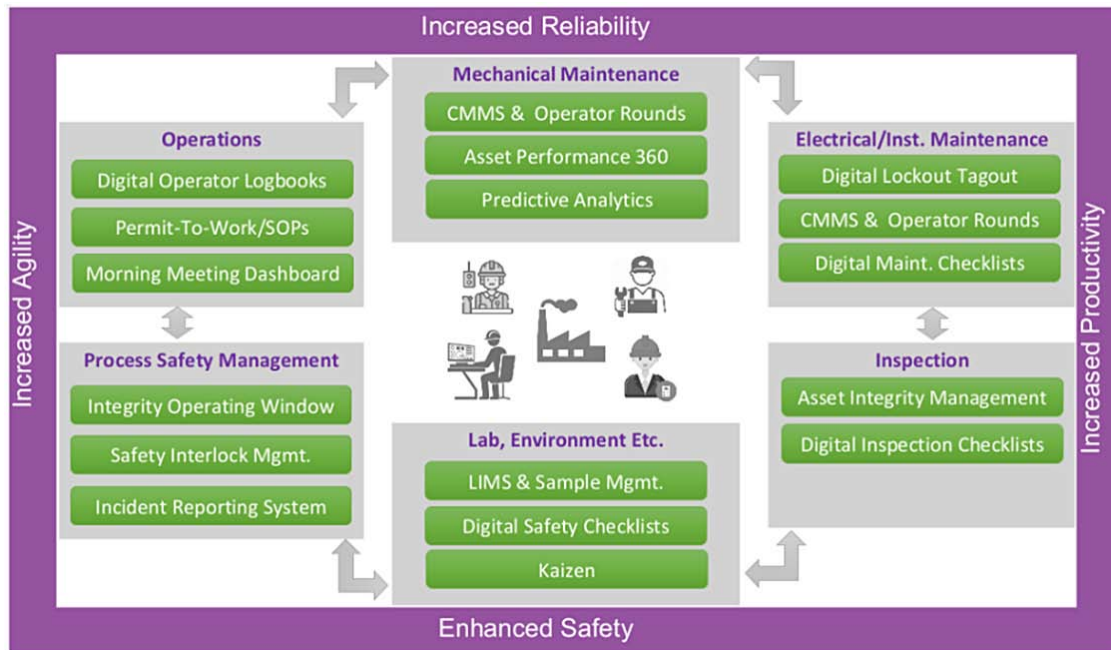
- ✓ Improves operational safety
- ✓ Upto 80% savings in time
- ✓ ROI is less than 10 months
- ✓ Improves asset life span
- ✓ Optimizes operational performance
- ✓ Faster time to respond
- ✓ 100% data accuracy



Overview



The DOES, also known as the Connected Worker, accelerates your digital transformation with flexible modes, workflows, low-code/no-code tools, ready-to-use sections, and quick configurations. It supports online, offline & auto operation with role-based instructions. Specific sections facilitate seamless integration with other vital systems, enabling execution guidance. It strengthens plant safety through centralised governance and data accuracy, reducing response times and operational workload by up to 80%, and enhancing overall productivity with optimised performance.



The DOES/Connected Worker platform delivers a unified mobile app that adapts its functionality to different operational roles, ensuring a tailored user experience. Here is a native mobile app for operations, maintenance, safety and laboratory systems, with mobile access.

It also provides specific role-based benefits, thereby empowering workers at every organisational level.

Role-based Benefits

				
Field Operator	Panel Operator	Shift In-charge	Maintenance Engineer	Lab Technician
Gains real-time checklists, log entry templates, SOP guidance, automatic equipment tagging (QR/NFC), access to historical/real-time data on handheld devices, smoother shift handovers, and integrated e-permit views.	Benefits from automated data capture (Historian/PLC/DCS), real-time deviation alerts, historical data for RCA, custom analytics, step-wise execution support for critical processes, seamless initiation/tracking of lab samples and maintenance requests.	Receives comprehensive shift summaries, manages and tracks operator acknowledgment of instructions, generates morning meeting dashboards, and manages safety interlock bypass approvals.	Accesses summarized equipment history for PM planning, tracks key metrics (MTBF, Availability, Reliability, OEE), drives PM compliance, accesses design manuals, monitors spare consumption, and tracks daily work management/checklist compliance.	Gains access to operations data for process understanding, ensures seamless information exchange with panel, and utilizes statistical analysis of operational/quality parameters for process stabilization.



DIGITAL OPERATIONS LOGBOOKS

Digital Data Entry for Value-added Analytics

Digital Operations Logbooks are electronic versions of traditional paper logbooks, offering a centralized platform for recording and managing critical operational information. These logbooks provide a comprehensive overview of plant activities, enabling operators to make informed decisions, streamline shift handovers, and enhance safety.



Comprehensive Operations Platform

Collects, stores, visualizes and analyzes process-related information
Seamless integration with Interlock Bypass, Safe Limits Db



Data Collection Automation

Collects data from DCS, LIMS, EMS, Tanks, SAP
Auto-fills logsheet for review, validation and update (Online/Offline mode)



Bi-directional Shift Handovers

Tracks the time of handover and the notes captured
Minimizes communication errors



Reports Automation

Equipment history card, outage report and abnormality report can be automated for easy collaboration

Step 1

Log-in with Credentials

Step 2

Select Logbook & Logsheets

Step 3

Enter Data & Comments

Step 4

Shift Handover



DIGITAL MAINTENANCE LOGBOOKS

Simplified Asset Maintenance for Higher Reliability

A digital maintenance logbook digitizes the observations of maintenance personnel, drives PM compliance through checklist, integrates with SAP or other maintenance systems and brings together the process and asset data.



SAP Integration

Asset information & PM schedule can be integrated seamlessly



Maintenance Scheduling

Compliance to PM schedule can be driven with automated reports & deviation reports



Asset-wise Checklist

Checklist & Logbooks are configurable for each asset



Automated Reports

Equipment history card, Outage report & Abnormality report can be automated for easy collaboration

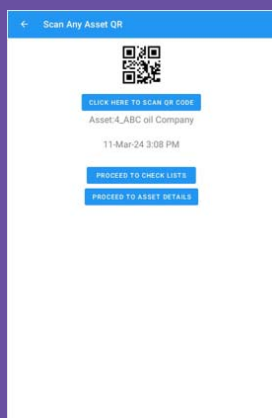


Data-driven Decisions

Historical data & analytics for taking data-based decisions

Step 1

Scan with QR Code



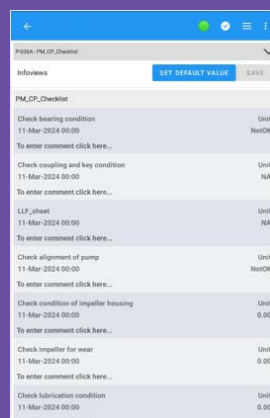
Step 2

Open the Checklist



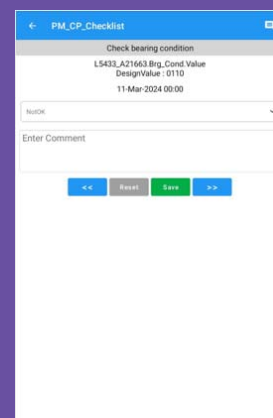
Step 3

Mark the Details of Activities



Step 4

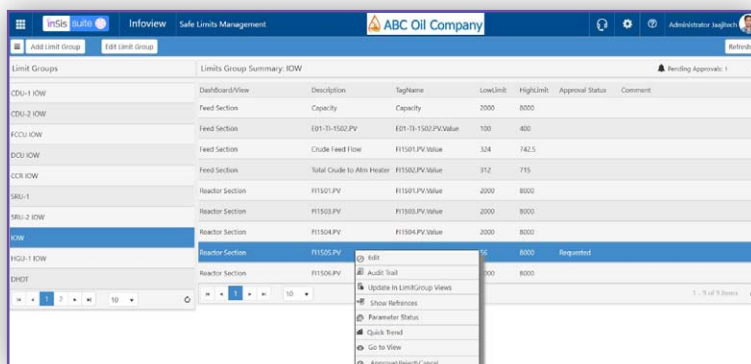
Handover



INTEGRITY OPERATING WINDOW

Operational Health Tracked on Your Mobile

Proactively monitors the identified critical parameters to keep them within the operating windows and responds promptly to any deviations by defining the operational boundaries; to prevent situations that could compromise the integrity of equipment, the safety of workers and the environment.



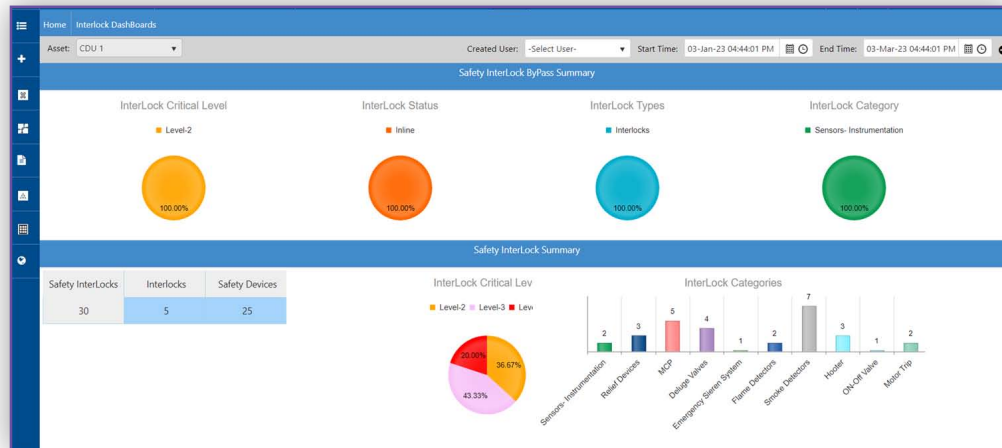
Limits Management, Timely Alerts, Statistical Analysis to Drive Safe and Healthy Operations



SAFETY INTERLOCK BYPASS MANAGEMENT

Well-defined Governance to Ensure Accountability

Safety interlocks, as critical safeguards against operational hazards, require meticulous monitoring due to its direct impact on personnel and plant safety. This module tracks all interlock system adjustments, including the initiator, rationale, approver, bypass duration and complete change history.

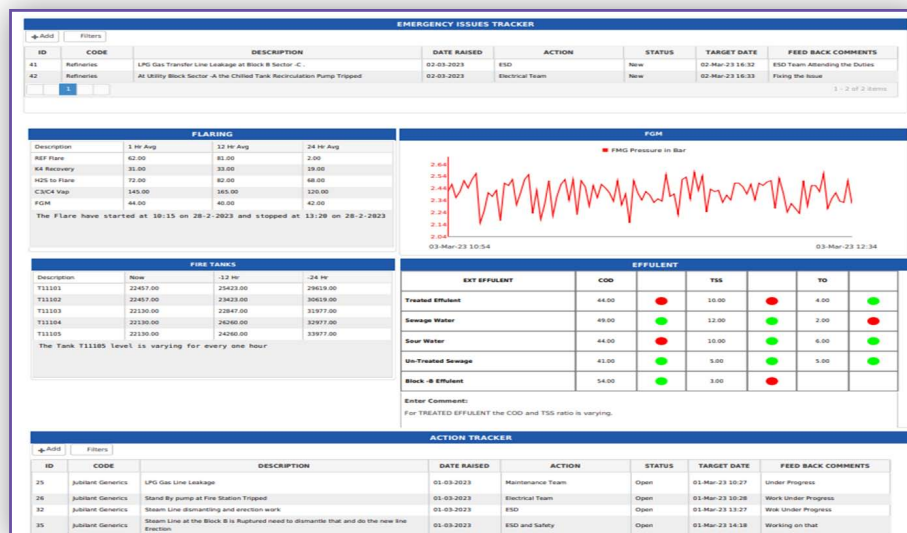


Workflow, Approval, Traceability, RCA - Facilitated in One Platform

MORNING MEETING DASHBOARD

Efficient Meetings Backed by Accurate and Timely Data

Intuitive module simplifies management, transforming your morning meetings. All-in-one central platform keeps your team informed and empowered, driving a more efficient and accountable safety culture.



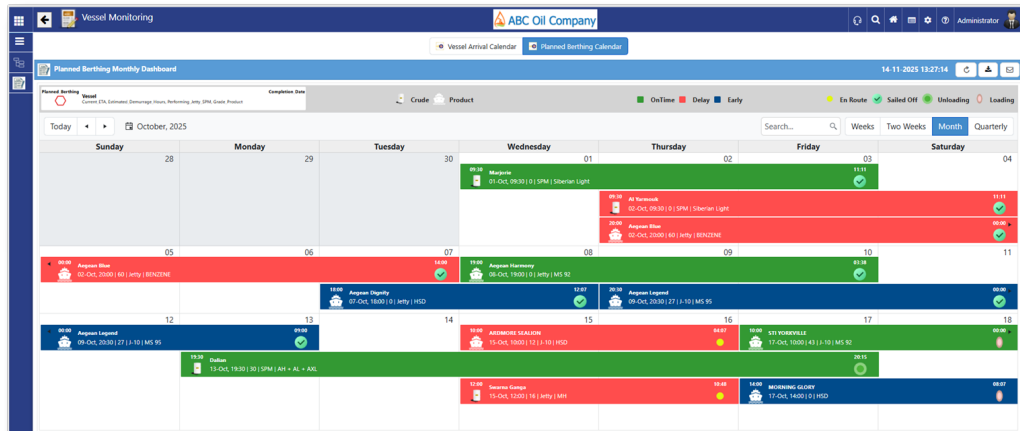
Focused Discussions, Quicker Decisions, Effective Follow-ups



inSis FORMS

A No-Code/ Low-Code Platform for Agile Application Building

Accelerates operational agility by allowing you to deploy and evolve scalable, enterprise-grade applications in minutes through a metadata-driven architecture.

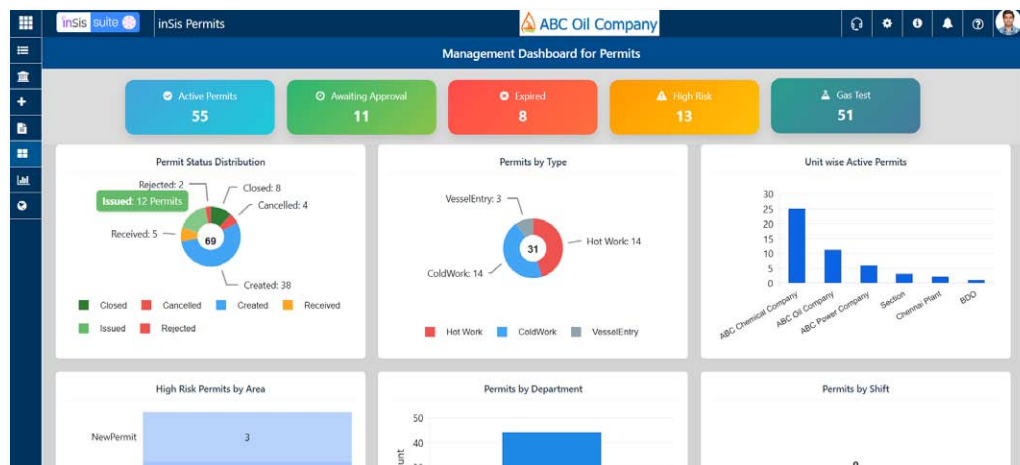


Diverse UI Experiences, Multiple Presentation Modes, Configure Once & Render Anywhere

PERMIT TO WORK SOLUTION

Enabling EHS Protocols with an End-to-end Digital Permit to Work System

Bridges the gap between maintenance, operations, and safety by streamlining the entire permit life cycle into a single, user-friendly digital interface. From request to closure, it provides real-time visibility and gives access to operational data needed to shift towards operational agility and safety.



Collaborative Platform, Real-time Dashboards, Audit-ready Transparency



Industries Served



Refinery



Oil & Gas



Steel



Fertilizers



Power & Renewables



Chemicals



Metals & Mining



Food



Cement



Sugar



Paper & Pulp



Dairy

Clients



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