

DIGITAL OPERATIONS EXECUTION SYSTEM (DOES) FOR PROCESS INDUSTRIES

Digitalize Your Operations And Enable ‘Connected Worker’



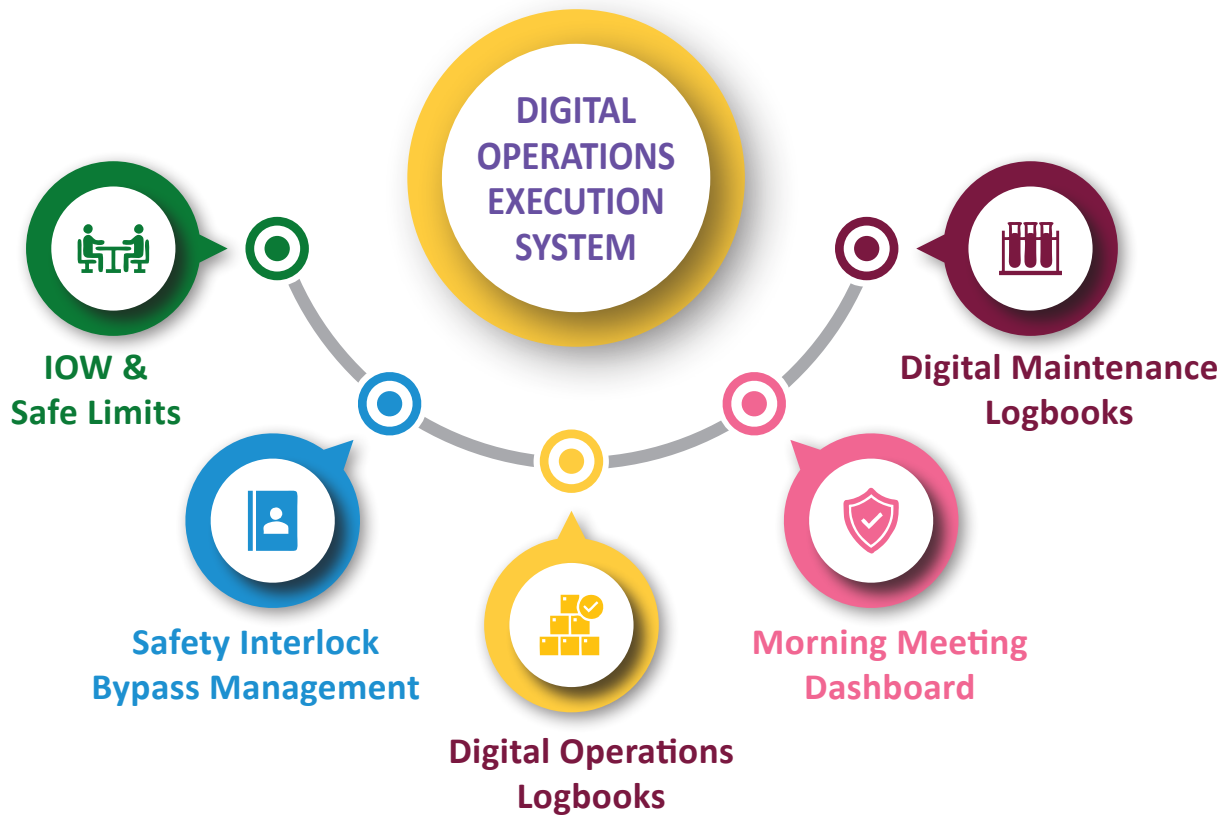
DOES makes ‘a day in life’ easier

- ✓ Seamless Shift Handover
- ✓ Instructions Management
- ✓ Effective Morning Meetings
- ✓ Improved Asset Maintenance
- ✓ 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





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

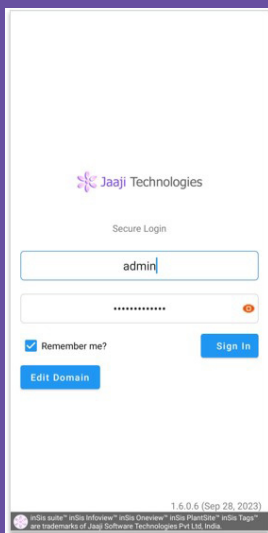


Reports Automation

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

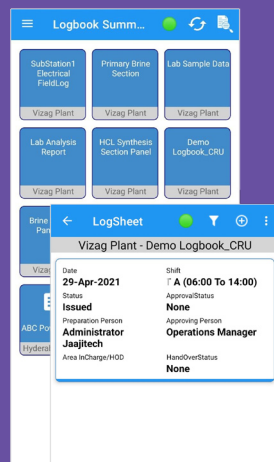
Step 1

Log-in with Credentials



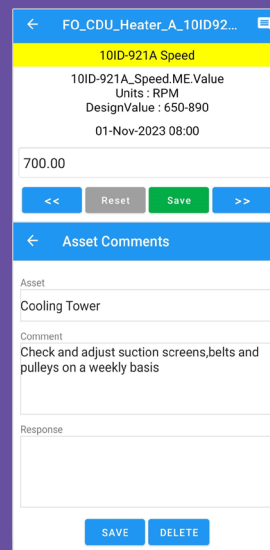
Step 2

Select Logbook & Logsheet



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

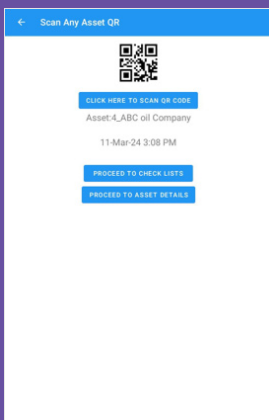


Data-driven Decisions

Historical data & analytics for taking data-based decisions

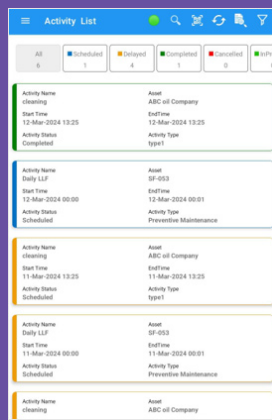
Step 1

Scan with QR Code



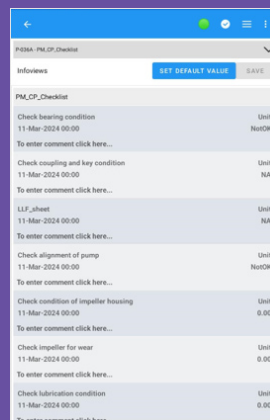
Step 2

Open the Checklist



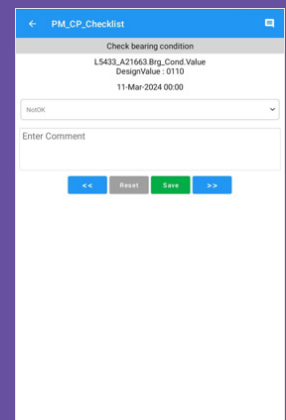
Step 3

Mark the Details of Activities



Step 4

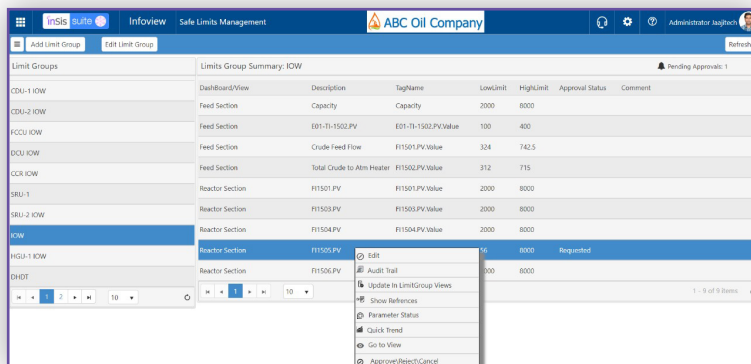
Handover



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.



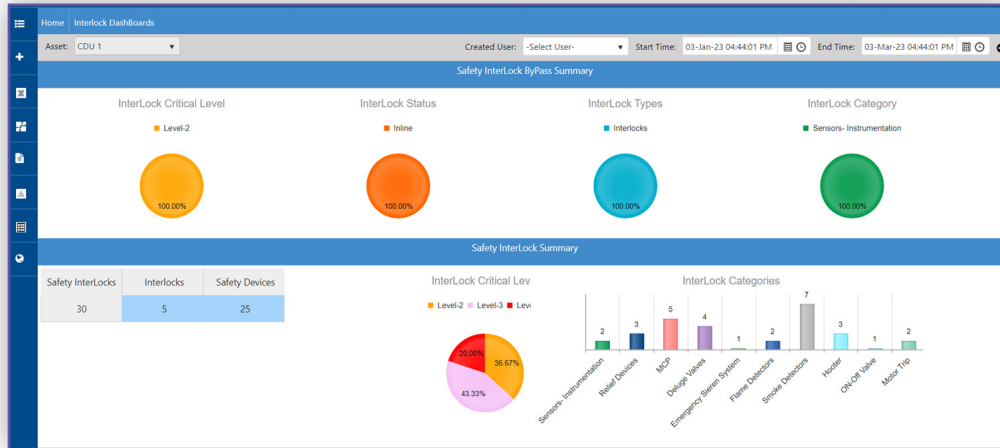
Limits Management, Timely Alerts, Statistical Analysis to Drive Safe and Healthy Operations



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.

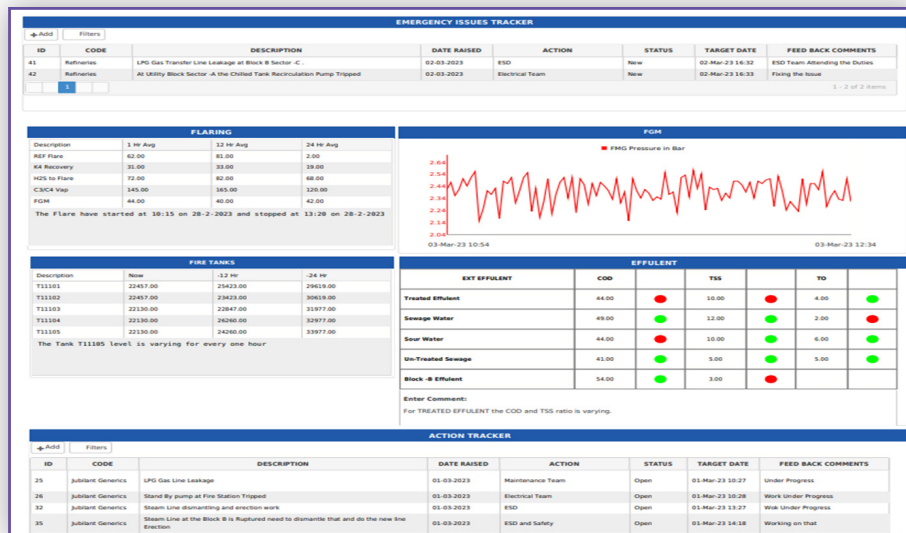


Workflow, Approval, Traceability, RCA - Facilitated in One Platform

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



Industries Served



Refinery



Oil & Gas



Steel



Fertilizers



Power & Renewables



Chemicals



Metals & Mining



Food



Cement



Sugar

Clients



Jaaji Technologies

Sophistication with Simplicity

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