



## **PARTNER IN DIGITAL TRANSFORMATION OF PROCESS INDUSTRIES**

- Industry 4.0 Solutions
- Data Analytics & Visualizations
- Integrated & Scalable Platform
- Architecture ready for AI/ML Use-cases

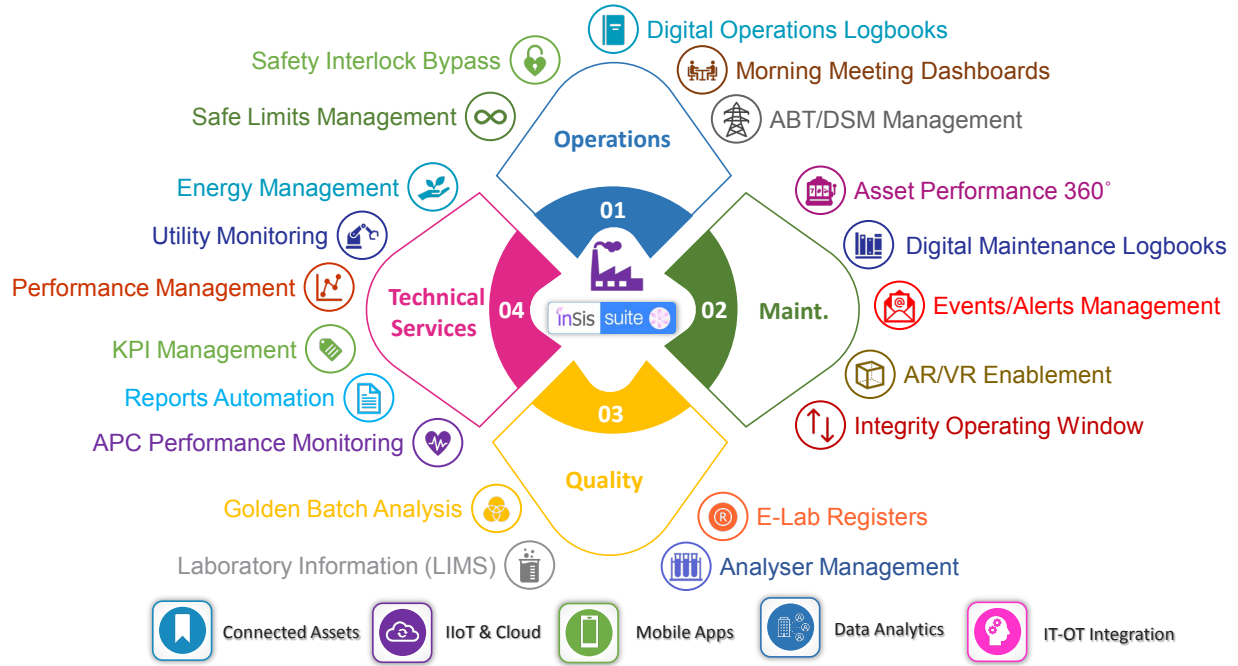




# inSis - industrial Smart information System for Digital Transformation

inSis Suite is a new-generation software for Process Data Aggregation, Compression, Storage, Calculations and Visualization powered by Time-series Data Historian Capabilities. inSis offers multiple solutions including automated reports, dashboards, digital logbooks, KPI management etc. to offer end-to-end views of the plant and process.

An integrated solution that meets various needs across **Operations, Maintenance, Quality & Technical Services** in your Digital Transformation Journey



## Chart-Topping Products

### Performance Management System (PMS)

Comprehensive solution for all the information of your process plant – Process, Asset, Quality, Environmental - a single source of truth across different stakeholders.

#### Features

- Integrated Data Management: Reads data from sources like DCS, LIMS, third-party Historians and IT/OT apps, through built-in connectors and exports
- Accurate Dashboarding: Automated, role-based and no-code analytics & visualizations
- User-friendly: Self-configurable with purpose-built advanced analytical views and event-driven alerts



#### Benefits

- All-in-one platform with lowest TCO among similar solutions
- Entire plant data available on-the-go on your mobiles
- Simplifies and expedites decision-making by more than 50%
- Saves up to 75% of time in data analysis

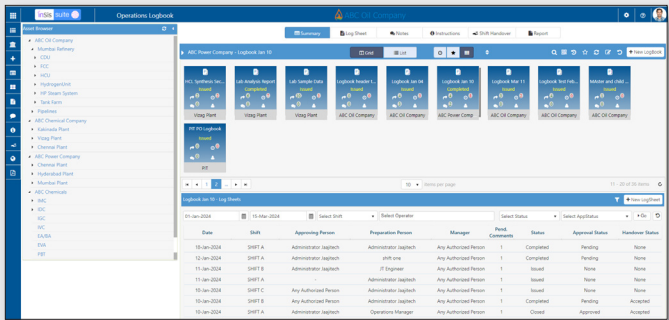
Facilitate the decision-making of your plant personnel through 33+ self-service visualizations and analytical views.

Seamless architecture to bring your plant data together



# Digital Operations Logbooks

The Digital Logbook digitizes 'paper logs' - allows instructions to be logged and tracked, replicates offline activities like shift handover, checklists, comments, instructions in the digital form - to seamlessly manage day-to-day plant operations.



## Features

- Digital Logbook Management : Eliminates papers/ binders, manual bookkeeping by storing the field data & comments centrally
- Data Collection : Collects data from multiple sources - DCS, LIMS, EMS, MS, SAP etc.
- Shift-Handover : Facilitates safe and effective shift hand-over between incoming and outgoing shift personnel
- Instructions Module : Provides instructions from the Manager to Operations team
- Comments : Operator / Shift In-charge comments can be tracked and made visible to multiple teams in a structured way
- Data Analytics : Helps to analyse the data and gain meaningful insights through powerful visualizations for optimized operations.

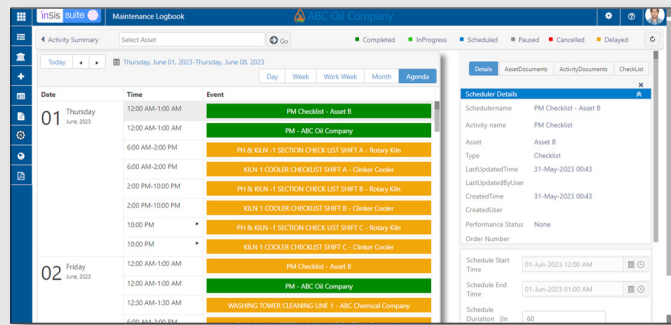
## Benefits

- Improves safety and compliance by smooth shift handover process
- Reduces time & effort of logistics and housekeeping of manual logbooks
- Saves man-hours for logbook data collection, calculations and presentation by 80%
- Reduces the time for root-cause analysis of issues by 50%

Track the asset and process performance real-time using digitalization technologies.

# Digital Maintenance Logbooks

Digitizes the maintenance activities of the various assets, geotags them for better identification, integrates with other systems, consolidates asset and process data and provides powerful analytics and visualizations.



## Features

- SAP Integration: Asset information and PM Schedule can be integrated seamlessly through RFCs
- Maintenance Scheduling: PM schedules can be defined through inSis or can be synchronized from SAP
- Automated Reports: Equipment history card, outage report and abnormality report can be automated for easy collaboration
- Asset-wise Checklist: Checklists and Logbooks are configurable for each asset
- Contextual Asset Analysis: Asset Analysis can be done alongside process data, enabling a comprehensive, end-to-end assessment

## Benefits

- Simple visualizations and associated analytics save up to 80% time on data handling
- Cost savings resulting from decreased downtime and energy efficiency pays back your investment in less than 12 months.
- VAPT-certified application maintains data confidentiality and ensures digital safety
- Optimal maintenance management can increase asset lifespan by 5% to 10%

Empower your plant with the digital maintenance logbook, improving collaboration among teams and access to critical asset maintenance data.

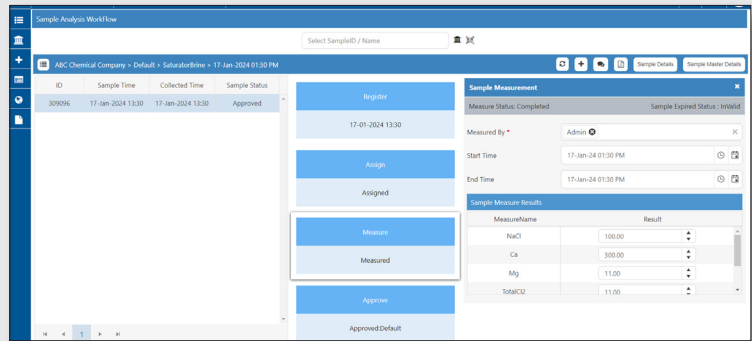


# Laboratory Information Management System (LIMS)

LIMS facilitates a paperless laboratory environment by offering digital tools for all aspects of lab operations - serving as a centralized platform.

## Features

- **Workflow Support:** LIMS offers detailed workflows for sample life cycle management
- **Data Management:** Involves recording of master data and various reports associated with lab samples, and provides real-time reporting and analysis
- **Auto-emailing of Lab Reports:** Summaries and reports of lab results are sent by units or sections, on predefined schedules
- **Compliance Support:** LIMS include functionalities that promote compliance with regulatory standards



## Benefits

- Improved data accuracy and integrity
- Simplified processes and reduced manual efforts
- Simplified and unified access to LIMS data
- Easy update of lab data in ERP system

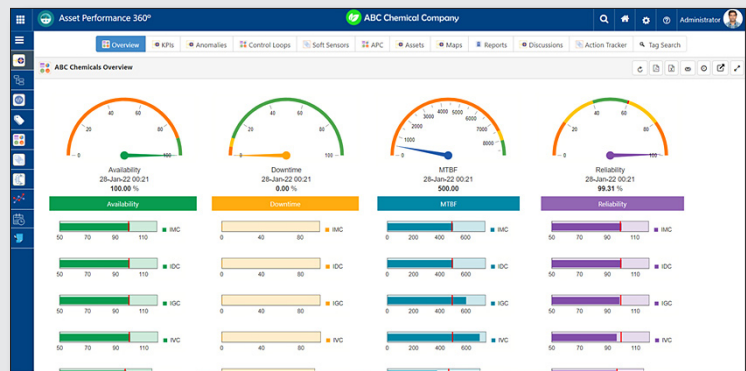
LIMS enhances lab performance, reduces errors, and ensures compliance with industry standards.

# Asset Performance 360

This provides a 360-degree view of critical assets to guide the operations team to take pre-emptive action.

## Features

- **Unified View:** Asset KPIs, Alerts, Anomalies & Reports in a single solution with the capability to drill down to the finest asset level
- **Root-Cause Analysis:** Automated reports and dashboards for easy RCA
- **Status Updates:** Live Status and historical trends of every parameter of all assets
- **Health Profile:** Profiling of each asset for detailed study



## Benefits

- Increases reliability and availability of critical assets
- Saves man-hours by 75% for data collection & reporting
- Improves visibility of critical operation parameters
- Reduces trouble-shooting time by 50%

Improve reliability monitoring and streamline your critical assets for increased productivity.





# Why Jaaji Technologies

## A Technology Leader In Manufacturing Analytics

Our solutions deliver a powerful combination of scalability, re-configurability and versatility for multiple use-cases. Jaaji Technologies help manufacturing companies in their digital transformation journey by providing various digital solutions which are Made- In- India and cost-efficient. These solutions enhance the efficiency, profitability and operational ease of manufacturing plants.



### Technologies

- Industry 4.0 Solutions
- Multiple Industry Standard Protocols
- Industrial IoT



### Sophistication

- Advanced Analytics Engine
- Proprietary Platform Without 3rd Party Tools
- Cyber Security & VAPT Compliant



### Customer-Friendly

- No/Low-code Platform with Self-service
- Reconfigurable with Modular Products
- Every 1-Second Refresh as per Client Requirement



### Data Security

- On-Cloud Solution
- Multi-Tenant Features & Access Controls
- On-Premise System accessed through Active Directory



### Return on Investment

- Variable Pricing based on Number of Tags
- Pricing at One-third of Top Global Players
- Significantly lower 'Total Cost of Ownership'

## Industries Present



Refinery



Oil & Gas



Steel



Fertilizers



Power & Renewables



Chemicals



Metals & Mining



Food



Cement



Sugar

## Clients



- Jaaji, the Telugu word for Jasmine flower, stands for simplicity of form and a captivating, heady scent. Jaaji Technologies too stands true to this spirit through its tagline ‘Sophistication with Simplicity’, combining the expertise of manufacturing with software development skills, to power the digital transformation of process industries. This is achieved by generating industry-centric data analytics that facilitate prompt decision-making.



### India Offices

#### **Hyderabad Office:**

#### **Jaaji Software Technologies Pvt Ltd.**

Phase 9, KBHP, Hyderabad, Telangana

Phone: +91 99492 88834

Email: sales@jaajitech.com

#### **Ongole Office:**

#### **Jaaji Software Technologies Pvt Ltd.**

D.No: 37-76-37, Near Marrichettu Centre,

Mangamuru Road, Ongole, Andhra Pradesh-523002

Phone: +91 88976 98106

Email: sales@jaajitech.com

### USA Office

#### **Houston Office:**

#### **Jaajitech Digital LLC**

Katy TX USA

Phone: +1 (434) 426 1939

Email: phaneendrak@jaajitech.com



 <https://www.linkedin.com/company/jaaji-technologies/>



[www.Jaajitech.com](http://www.Jaajitech.com)