



Technology-Enabled Industrial Services Platform

OVERVIEW

Industry Application:	Maintenance Compliance & Operational Workflow Optimization
Industry:	Industrial Operations Energy Infrastructure
Solution:	SIS Maintenance Compliance & Workforce Productivity Platform
Key Benefits:	Reduced Administrative Effort Improved Compliance Increased Workforce Productivity Improved Data Accuracy Enhanced Operational Visibility

BUSINESS CHALLENGE

Many organizations continue to manage maintenance planning, inspections, and reporting through disconnected systems. This often results in duplicate data entry, fragmented workflows, inconsistent records, and excessive administrative effort for frontline personnel.

Without seamless integration between field operations and enterprise maintenance systems, maintenance compliance becomes more difficult to manage, operational visibility is reduced, and valuable engineering time is lost to manual administration rather than value-adding activities.

BUSINESS DRIVERS

- Reduce duplicate administration and manual data entry.
- Improve maintenance compliance and operational visibility.
- Eliminate delays between field execution and enterprise systems.
- Increase workforce productivity and utilization.
- Enable connected maintenance operations and decision-making.



SIS VALUE DELIVERED

SIS connects maintenance planning, frontline inspections, and operational workflows into a single integrated environment. By eliminating duplicate administration and automating data synchronization, organizations improve maintenance compliance, increase workforce productivity, and gain greater visibility of maintenance compliance and operational performance.

SIS SOLUTION OUTCOMES

- ✓ Reduced Administrative Effort
- ✓ Improved Data Accuracy
- ✓ Enhanced Maintenance Compliance
- ✓ Increased Workforce Productivity
- ✓ Improved Operational Visibility

CHALLENGES

Many organizations continue to manage maintenance planning and frontline inspections through disconnected systems. This often creates duplicate administration, delayed updates, limited visibility, and inefficient maintenance workflows.

- Disconnected systems reduce maintenance planning efficiency.
- Duplicate data entry increases administrative effort.
- Delayed synchronization impacts maintenance visibility.
- Manual processes slow maintenance execution and reporting.
- Limited operational visibility reduces workforce productivity.

CONNECTED MAINTENANCE EXECUTION WORKFLOW

SIS integrates maintenance planning, frontline inspections, and enterprise systems into a single connected workflow. Information is automatically synchronized between field operations and maintenance management systems, reducing administration, improving compliance, and increasing workforce productivity.

SIS enables maintenance activities to be planned, executed, and reported through a fully connected workflow. Information captured in the field is automatically synchronized with enterprise maintenance systems, ensuring maintenance records, work orders, and compliance information remain accurate and up to date.

By eliminating duplicate data entry and manual transfer of information between systems, maintenance teams gain improved visibility of work status, inspection results, and maintenance compliance across the operation.



KEY WORKFLOW COMPONENTS

- **Scheduled Maintenance Integration:** Synchronization of planned maintenance activities and inspection schedules.
- **Reactive Maintenance Management:** Field observations automatically initiate maintenance actions.
- **Automated Work Order Generation:** Defects and findings generate work orders and notifications.
- **Real-Time Data Synchronization:** Information flows automatically between field and enterprise systems.
- **Connected Maintenance Records:** Maintenance history, inspections, and actions maintained within a single workflow.

 **Reduced Administrative Effort** **Improved Compliance** **Increased Workforce Productivity** **Enhanced Operational Visibility** **Connected Maintenance Operations**



SIS CONNECTED OPERATIONS PLATFORM

Connected Data Sources

- Enterprise Maintenance Management Systems
- Frontline Inspection Applications
- Notification & Workflow Platforms
- Asset & Location Master Data

Core Capabilities

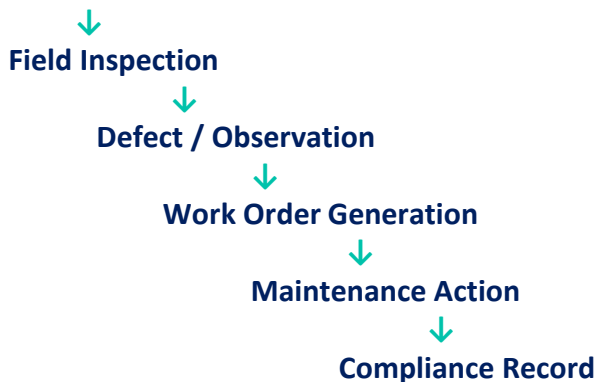
- Automated Work Order Creation
- Maintenance Compliance Tracking
- Connected Inspection Workflows
- Real-Time Synchronization
- Operational Reporting & Analytics
- Workforce Productivity Optimization

SIS VALUE DELIVERED

SIS combines maintenance strategy, frontline operations, enterprise systems integration, and workflow automation to create a connected maintenance environment that improves compliance, increases workforce productivity, and enhances operational visibility.

SIS CONNECTED MAINTENANCE WORKFLOW

Maintenance Plan



Example Technology Ecosystem



SAP ERP/ PM

ENGINEERING-LED APPROACH

SIS combines maintenance expertise, operational technology, workflow automation, and enterprise systems integration to improve compliance, enhance workforce productivity, and increase operational visibility across industrial operations.