

Life Sciences

Maintain high standards of safety and quality, ensure compliance and enhance efficiency in your operations with Asset Intellect.

Visualize, manage, and optimize your operations in a single pane of glass.

- ✓ Drillable and actionable insights
- ✓ Enhanced data quality and governance
- ✓ Improved safety and compliance
- ✓ Enterprise-wide visibility



Solutions with you in mind

Batch & Shift Management

Batch, time, or operator-based shift handover including logbooks, task management, daily operating instructions & reporting. Automate data capture and use flexible forms for tracking & assigning tasks.

Batch Reporting & Analysis

Generate reports based on end-of-batch triggers, shift handover, or operational anomalies. Integrate with external systems such as lab, maintenance or batch data sources.

Process Safety/SIS

Gain visibility into the status of safety-critical equipment status. Integrate data to gain insights into the layers of protection to prevent and mitigate process-related hazards.

OEE Calculations

Automate downtime and OEE calculations using your data historian, like the PI System. Monitor performance of the overall process including quality losses.

Alarm Management

Gather, analyze & manage your DCS and/or SCADA alarms against a Master Alarm Database, while aligning to ISA TR 18.2 alarm management standards.

Condition Monitoring

Calculate asset health and risk scores in real-time from SAP, Maximo, and more. Monitor vibration data, and view asset condition & performance in a single view.

What sets us apart

Configuration not coding

- » Integrate data from SCADA, IoT sensors, & environmental monitoring systems to track & measure ESG metrics like emissions, power, waste & water usage. Generate tailored reports.
- » Monitor production in real-time to address potential bottlenecks. Configure schedule-based routine tasks, and enable two-way SAP integration. Schedule by event, batch or time.
- » Combine CMMS, historian, Maximo, IoT, SAP data and more. Improve predictive maintenance, optimize asset management, and easily predict failures.

Enterprise scale

- » Executives: Executive dashboards combine market data, with a concise view of operations, revenue and downtime.
- » Managers: Optimize workflow with work permits, daily operating instructions, and process safety.
- » Engineers: Access performance monitoring tools to analyze KPIs such as efficiency, output, and demand.
- » Operators: Gain real-time monitoring, remote control, and alerts for equipment performance.

Your operations in one place

- » Issue, track, & manage tasks in a single view assigning them to Active Directory users & groups. Get automated email alerts for new tasks, maintain a clear compliance records.
- » Perform root cause analysis by viewing data in context. Analyze trends and add unstructured data, like comments & images, using the wiki function.
- » Access real-time data from any device. Add manual readings & view dashboards on site. Integrate process data with your Laboratory Information Management System.

Highly flexible solution

- » View heatmap data by component, asset, and site. Input or automate calculations from your data historian and MES. Calculate and analyze condition & performance risk.
- » Optimize batch changeovers, Clean-In-Place (CIP), & Sterilize-In-Place (SIP) in a centralized platform. Easily adjust parameters, ensure that all steps are done correctly & consistently.
- » Analyze batch data in real-time, including temperature, pressure, ingredient ratios & reaction times. Quickly identify deviations & trends, take corrective actions based on insights. Configure alerts for deviations from golden batch metrics.

Some of our customers from the Life Sciences Industry



“The information that is processed by Asset Intellect, PI server and SQL can be used by the users the way they want. Everything is now centralized.”

Carlos Mendoza
Senior Manager – Process Engineering
Innophos

