

INVENSYS CONTROL PERFORMANCE MANAGEMENT

Invensys Performance Services

AVANTIS • FOXBORO • SIMSCI-ESSCOR • TRICONEX

BENEFITS

- ▶ Maintains optimal performance
- ▶ Improves advanced control
- ▶ Reduces process disturbances
- ▶ Improves asset utilization
- ▶ Reduces maintenance costs



ABOUT US

Invensys Process Systems Performance Services integrates your strategic business and technical initiatives by providing value-added implementation and support services that will improve your plant performance and operator effectiveness. Our team of professionals offers plant-wide, platform-independent solutions through a project-oriented or ongoing service delivery as well as master plan development and rollout.

Invensys Process Systems Performance Services ... improving your plant asset availability and utilization!

CHALLENGE

Industry analysis shows that most process control loops are behaving sub-optimally. In addition, onsite staffing, once dedicated to monitoring these control loops, is being redirected to other activities. Maintaining the balance between utilization and availability of plant assets requires that the performance of control loops be continuously monitored and maintained against critical Key Performance Indicators (KPIs). Moreover, due to a lack of experienced staff, the process control system is unable to meet the demands of the manufacturing site.

INVENSYS PROCESS SYSTEMS OFFERS ENHANCED CONTROL PERFORMANCE MANAGEMENT

This is where Invensys Control Performance Management bridges the gap between the performance of the control system with the demands of the current manufacturing objectives. The Invensys Control Performance Monitor tool provides the enabler for Invensys Performance Services to continuously monitor and diagnose faults that limit the performance of key customer control assets.

A periodic analysis, typically once per quarter, based on data gathered by our specialists from the previous three months of control performance and results in focused recommended actions that will raise plant performance as measured by KPIs. Our highly specialized local staff then works with you to implement the recommended improvements. The results of those actions are then automatically captured by ongoing monitoring and provide an explicit measure of plant performance as well as the bottom line results of implementing performance improvements.

The Invensys Control Performance Monitor tool, together with our expert periodic analysis, form the basis for high-value diagnostics and recommendations for quickly analyzing control loop performance as it relates to improving the KPIs of the overall operation. Quantitative metrics provide an indication of performance related to availability and utilization, including malfunctioning field equipment, and opportunities, to drive closer to key process quality constraints. Our local control specialists are then available to work directly with you to implement the performance improvements that will result in the most benefit to plant performance, as called out by the periodic analysis.

The Invensys Control Performance Monitor tool diagnoses the performance of all major control systems and valve manufacturers and sensors, with or without the presence of a digital fieldbus. The control algorithms for all manufacturers are built into the Invensys Control Performance Monitor, thus enabling performance improvement and benchmarking across the entire enterprise on a consistent and unified basis.

GET MORE FROM ONE WITH INVENSYS

Invensys Control Performance Management helps to improve customers' asset availability and utilization which in turn drives economic benefits. This solution is part of the Base Asset Management level, which includes discrete entities in lower levels of the plant, such as field instruments, pumps, motors, control loops and control systems. Invensys Control Performance Management can operate as a stand-alone service or with other Invensys solutions.

FOR MORE INFORMATION

Ask your Invensys sales representative how Invensys Control Performance Management can improve your plant's asset availability and utilization while driving optimal ROI.

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