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Real Time Process Analytics

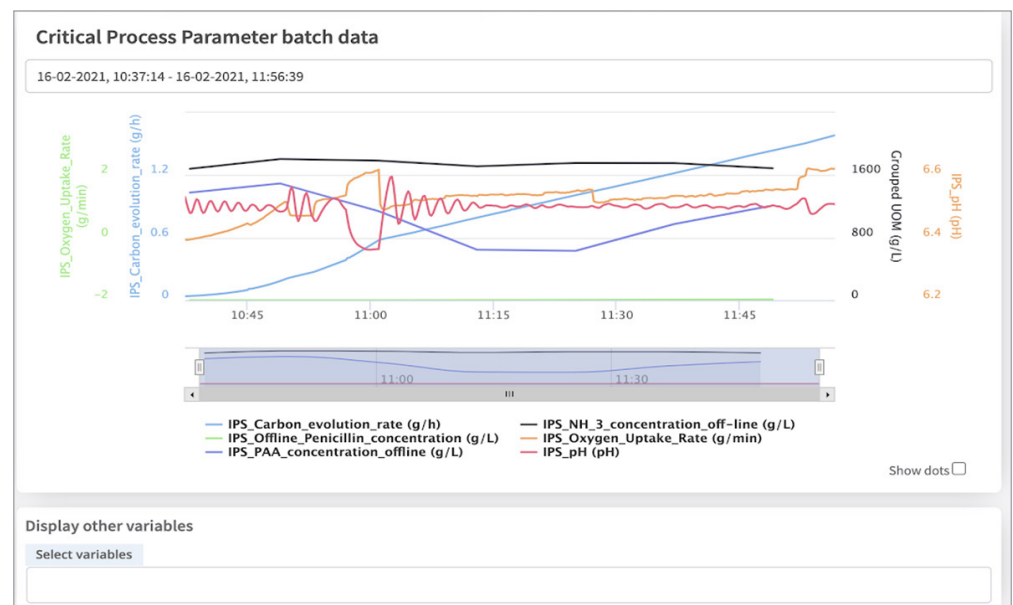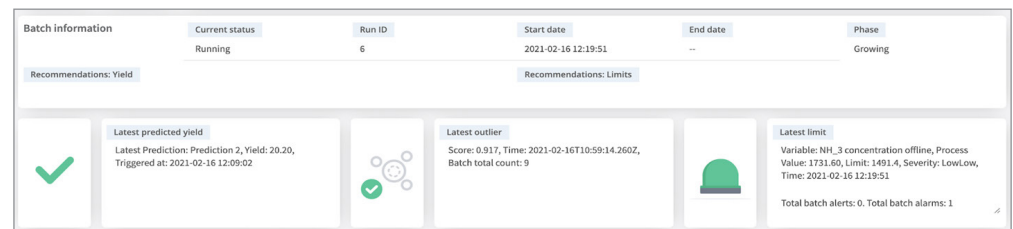**Understanding manufacturing processes and improving future outcomes when viewed from a historical perspective can be helpful**; however, after a batch is complete or a process has finished is too late to make any meaningful changes. Life Sciences manufacturers have the necessary data but face challenges when trying to view and analyze it in real time. Disparate data sources and types, plus lack of analytics, are at the core of the challenge.

Aizon's Real Time Process analytics solution gives manufacturers real–time visibility to process parameters and how they're connected to deviations, cycle time, and yield. It's built on a platform designed to unify and contextualize data, and enables manufacturers to gain process visibility and knowledge. Aizon's Real Time Process Analytics solution provides visibility to process operations so manufacturers can identify issues, respond quickly with corrective actions, avoid deviations by monitoring data, in real time, and receiving notifications when issues arise.

Key Features and Benefits

Real–time monitoring of process bottlenecks allows operators to identify actions to reduce throughput time

Avoid production issues and identify real–time process improvement opportunities with Statistical Process Control and Batch Context

Know everything happening on the production floor, in real time, for accurate and optimized production planning and forecasting

By understanding process data, in real time, Life Sciences manufacturers can reduce throughput time and operational costs by quickly identifying actions required to address bottlenecks and identifying correlations between processes and outcomes. Production planning and forecasting becomes easier, leading to higher capacity utilization and yield improvements. Aizon's Real Time Process Analytics solution gives Life Sciences manufacturers the tools needed to visualize and optimize manufacturing processes when they can make a difference: in real time.

Aizon's Platform

Aizon's solutions enable life sciences manufacturers to improve decision making and outcomes by aggregating data and deploying compliant AI across the manufacturing ecosystem.

GxP Compliance

The platform allows you to maintain full GxP compliance via robust security features and data validation processes that are specifically designed to adhere to dynamic pharmaceutical regulatory requirements. Aizon complies with industry standards to provide GxP compliance you can trust:

→ Quality: ISO 9001

→ Information Security: ISO 27001

→ Cloud Security: ISO 27017

→ All data collection performed in accordance with ALCOA+ principles

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