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Batch Analysis with XHQ

Faster deployment, better solutions

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Rapid Start with Best Practices

XHQ Best Practices Packages are pre-customized solution packages that can be integrated into existing XHQ solutions to address common business problems.

You get:
- Views, tools, and components that plug into any XHQ system
- High-value, best practice approaches based on decades of project experience
- Field-proven scalability for multiple business areas
- Ability to scale from small to even the biggest facilities
- Complete flexibility to tailor to your unique need

Currently there are six XHQ Best Practices Packages available:

- Batch Analysis
- Energy Management
- KPI Management
- Supply Chain Intelligence
- Quality Management
- Maintenance Management

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Batch Analysis with XHQ

The Batch Analysis solution package offers a comparison of batches based on integrated process historian and batch system data that is already available in XHQ. It helps analyze and compare batches across reactors, plants, and even across facilities.

Who benefits?
Production managers, plant managers, process engineers, plant operators and shift supervisors.

What is in it:
- Integration with several batch systems, such as OSIsoft PI Batch/PI AF, AspenTech Batch21, SIMATIC BATCH
- Integration with process historians, such as Honeywell PHD, AspenTech IP21, OSIsoft PI and SIMATIC Process Historian
- Support for standards: ISA-95, ISA-88 and ISA-99 compliant
- **Batch Explorer** - find, analyze and compare batch detail information

- **Batch Analyzer** - visualize the batches produced in a particular plant quickly, using Gantt chart to analyze one or more batches at the same time
- **Equipment Process Management** - visualize the process information of a Unit in order to enhance decision making based on real time data

The benefits you get:

- Batch comparison across different reactors, plants and facilities
- Focus on problem-solving, not data-searching
- Quickly identify bad actors and reasons for bad performance
- **Improve:**
  - ✓ Specification compliance
  - ✓ Batch Duration
  - ✓ Productivity
  - ✓ Plant utilization
- **Reduce:**
  - ✓ Non-Conformance Costs
  - ✓ Waste
  - ✓ Rework

Use cases: Batch Analysis

- Compare sites making the same product batch – enable each to learn lessons from the other

- Examine same product batches going through different reactors – at the same or different sites

- Drill into products – down to the step level details - understand why one batch completes faster than other

- Determine parameters and strategies that help define the next "Golden Batch"

XHQ Operations Intelligence Software

- ✓ **Simple access to complex data**
- ✓ **Real-time information**
- ✓ **Visual integration of data from different sources**
- ✓ **Situational awareness**
- ✓ **Collaboration at all levels**
- ✓ **Faster and better decisions, anytime, anywhere**

XHQ Batch Analysis view example

Contact us to learn how to have immediate benefits with reliable and real-time information at your fingertips.

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