

# Life Sciences batch processing

## BY THE NUMBERS

The life sciences industry is constrained by significant costs per batch and the need to meet regulatory standards. The lack of insightful data in batch processing can lead to poor process development, batch variability, and quality issues impacting time-to-market.

Optimizing batch performance can help reduce overall cost of quality by

# 10-15%<sup>1</sup>

## 1,279

Average yearly FDA drug recalls due to manufacturing and quality issues<sup>2</sup>

## 89.8%

Class I recalls associated with manufacturing and quality issues<sup>2</sup>

## 80%

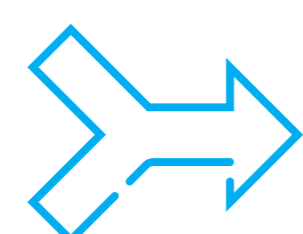
Of batch failures are due to contamination, operator error, equipment failure, or out of spec processes<sup>3</sup>

## Turning data into actionable insights

Can new digital solutions help you achieve better process performance and control?



Improve compliance & optimize productivity



Reduce deviations & investigations



Improve speed to market



Reduce costs & increase revenue

Unlock the Golden Batch

Learn more

1. McKinsey & Company
2. FDA drug recall statistics
3. BioProcess International



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