

Welcome to Frictionless Production

A New Path to Optimized Quality and Throughput

We're in the age of ultra-rapid change and ever-increasing business, production, and process complexity in manufacturing.

You're trying to cut costs while satisfying increasing customer demand. Guarantee quality while minimizing scrap. Increase throughput while meeting changing regulatory standards.

Achieving the impossible requires a new approach.

VP, Manufacturing



COO



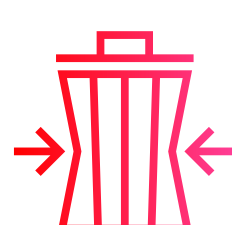
Plant Leader



Increase Productivity

CHALLENGES:

- Long throughput times
- Unexpected machine downtime
- Delays in material availability



Minimize Waste

- Poor production planning accuracy
- High scrap rate
- High part configuration failure rate



Ensure Quality

- High defect rates
- Late stage rework
- Frequent vendor quality check failure

Discover

Get total, ongoing clarity over your process to visualize what truly occurs along its path – and where it goes off-road.

Rapidly identify the steps that are having the most impact on throughput time.

Proactively review a customer order, compare against planned inventory, and identify a gap.

Track each component part through its path on the shop floor in real time to identify likely quality issues.

Enhance

Highlight improvements, reveal shortcuts and take immediate action to remove friction and drive performance.

Eliminate problematic process steps and re-order processes to run more fluidly and quickly.

Alert procurement to purchase an increased volume of materials for production and prevent a delay to production start.

Localize quality issues to a specific workstation or machine and predict components that are likely to be defective or require rework.

Monitor

Uncover long-term trends so you can spot recurring bottlenecks and understand what's causing friction over time.

Measure throughput time, find the next friction point, and keep the cycle going.

Watch plan vs. actual variance get smaller over time while throughput increases.

Track your first-pass quality yield at the level of each station and proactively intervene before issues snowball.

Achieve

30%

faster throughput times

Reduce

10%

of scrap and rework

Leverage

100%

traceability for production flaws

Celonis enables production leaders to **discover improvement potential, enhance processes on the go and constantly monitor improvements** – like never before.

Precisely identify and remove friction that gets in the way of accurate production planning, seamless production lines, optimal machine utilization, and top-notch quality to achieve breakthrough performance.

