

Driving Production Performance at Zimmer Biomet with Real Time Analytics

How Peraison transformed shop floor visibility and OTIF performance



Executive Summary

Peraison partnered with Zimmer Biomet to solve a familiar operational challenge: leaders were making critical delivery and efficiency decisions without real time visibility of hour-by-hour production performance or a reliable view of what was driving OTIF issues. Peraison introduced live dashboards that now anchor the plant's daily operations. Engineers can see within seconds whether output is on track, where bottlenecks are forming and where immediate attention is needed, which has led to faster decision making, reduced downtime and more focused daily stand ups.

Zimmer Biomet needed **better visibility into hour-by-hour performance** on the production floor. Targets for daily, weekly and monthly output were difficult to track in real time, which meant engineers had limited insight into whether they were ahead or behind plan until issues had already escalated.

In addition, the plant wanted to strengthen its **On Time In Full (OTIF)** performance. The existing process for analysing OTIF relied on fragmented data, manual spreadsheets and time-consuming investigation. This made it difficult for teams to understand where delays were happening, which work centres were driving missed performance and how future backlogs were building.

Executives needed a **clear and trusted view of production performance, trends and bottlenecks**. Front line teams needed data they could use hourly. Both required a scalable way to identify operational risks, protect customer delivery and improve efficiency.

The Challenge





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The Solution

A real time view of production

Engineers now gather around a live dashboard in the plant's war room to see how production is tracking against plan. Updated every hour, it highlights where performance is strong and where attention is needed. It has become a key part of the daily rhythm on the floor.

A smarter approach to OTIF

Peraison created a structured, intuitive OTIF analytics application that gives teams the ability to explore performance from the top level right down to each batch. It shines a light on late completions, growing backlogs, constrained work centres and future deadlines.



The Impact

- **Hourly production visibility** allowed faster decisions and reduced unplanned downtime
- **Daily stand ups** became more focused, and data driven
- The plant gained a trusted **view of where bottlenecks occurred**, enabling targeted improvement activity
- **OTIF performance** could be monitored across the full business hierarchy with far less manual work
- Leaders gained **early warning of operational risks** through forward looking visualisations
- Constrained work centres were better managed through **clear insights on due date performance**

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