

# Case Study

## HellBa Solved Complex Bottlenecks and Gained Efficiency in Polymer Manufacturing

# HELLBA

### INDUSTRY

Polymeric Materials Manufacturing

### CHALLENGE

Complicated scheduling requirement, diverse customer requirements, no real-time data feedback, and lack of efficiency

### IMPLEMENTATION TIME

**4.5 months** (From Kick-off to Go-Live)

### RESULTS

↑ **50% increase** on On-Time Deliveries

↓ **30% faster** production

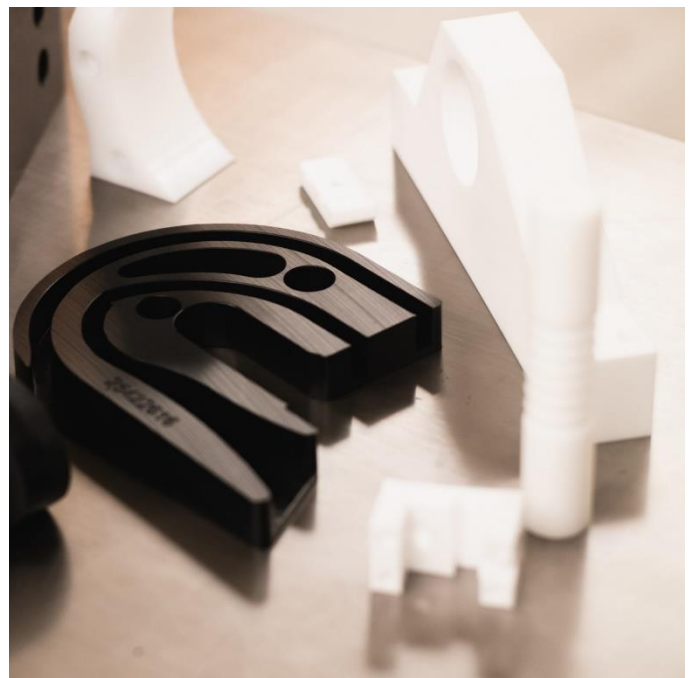
↑ **10% higher** capacity

### The Manufacturer

HellBa GmbH specializes in supplying semi-finished plastic products and machining custom plastic components.

Known for their precision and innovation, the company focuses on smooth inter-departmental collaboration to ensure efficiency and quality throughout the production process.

To stay competitive, HellBa GmbH sought to speed up their operations and eliminate bottlenecks by leveraging a better and robust planning and scheduling system.



## The Challenges

### Missed Deadlines and Prolonged Throughput Times

HellBa faced challenges in maintaining consistent delivery timelines and minimizing lead times, which impacted customer satisfaction and operational efficiency.

### Poor Capacity Utilization

Without tools to accurately monitor and optimize resource usage, HellBa struggled with balancing capacity distribution of machine, molds, tools, and workers, leading to both bottlenecks and wasted resources.

### Intransparent Real-Time Progress

The absence of a connected system for capturing and reporting real-time progresses created visibility gaps, making it harder for HellBa to track ongoing processes and identify inefficiencies.

### Managing Diverse Customer Requirements

As a contract manufacturer, HellBa had to handle multiple production orders simultaneously, each with unique specifications, materials, and deadlines. This created planning complexities on prioritizing, especially when different orders utilize the same resources.

### Cross-Departmental Collaboration

As a supplier and machining expert, HellBa's production process required seamless collaboration across departments. Disjointed workflows and communication silos often disrupted operations.

## The Solution

To overcome these challenges, HellBa GmbH implemented planeus, a flexible and user-friendly production planning solution. Key features and outcomes include:

### Cross-Department Sync of Orders and Requirements

planeus incorporates HellBa's diverse production orders from different customers into a plausible and goal-oriented plan. The system allows for easy cross-department tracking of customer requirements, deadlines, and adjustments, ensuring all orders were processed accurately and efficiently.

### Resource Allocation and Conflict Management

planeus' Conflict Radar helps HellBa eliminate production bottlenecks by identifying and resolving upcoming production conflicts. This ensures all production orders will be completed without delays, even when competing for the same resources.

### Real-Time Feedback with Workbench Terminal

Using "Workbench Terminal", planeus's standalone shop floor data collection module, employees can update production process directly from their workstations, improving data accuracy and providing real-time context of order statuses for production managers.

### Comprehensive Reporting and Dashboards

HellBa has an overview of their real-time and projected KPIs through customizable dashboards and detailed reports, providing instant guidance to optimize their upcoming productions.

### Potential Check for Continuous Improvement

Potential checks have been conducted by planeus experts highlighted further optimization opportunities, contributing to long-term improvements.

## The Results

planeus delivered significant improvements for HellBa, including:

- **50% increase in On-Time delivery rates**
- **30% reduction in production time**
- **10% higher production capacity**
- **Opened opportunities to further scale up production**

*“From real-time data reporting to improved delivery reliability, planeus has become an indispensable tool for our team. Its ability to handle customer-specific requirements and prioritize resources efficiently has been a game-changer for us as a contract manufacturer.”*

*Bashkim Bajrami, Managing Director*

## Looking Ahead

HellBa GmbH continues to refine its operations with planeus, leveraging its insights and tools to drive further improvements. By managing diverse customer requirements more effectively and optimizing resource use, the company is well-positioned to deliver high-quality products while meeting the unique demands of its clients.

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» [Learn More about how planeus helps optimize your production.](#)

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