Breaking the Mold

Why Big ERPs may soon be a thing of the past

Rigid Platforms

Scheduling Headaches

Lengthy Implementations

Innovate with a Better Solution

HighGear®
The Only Way to Workflow
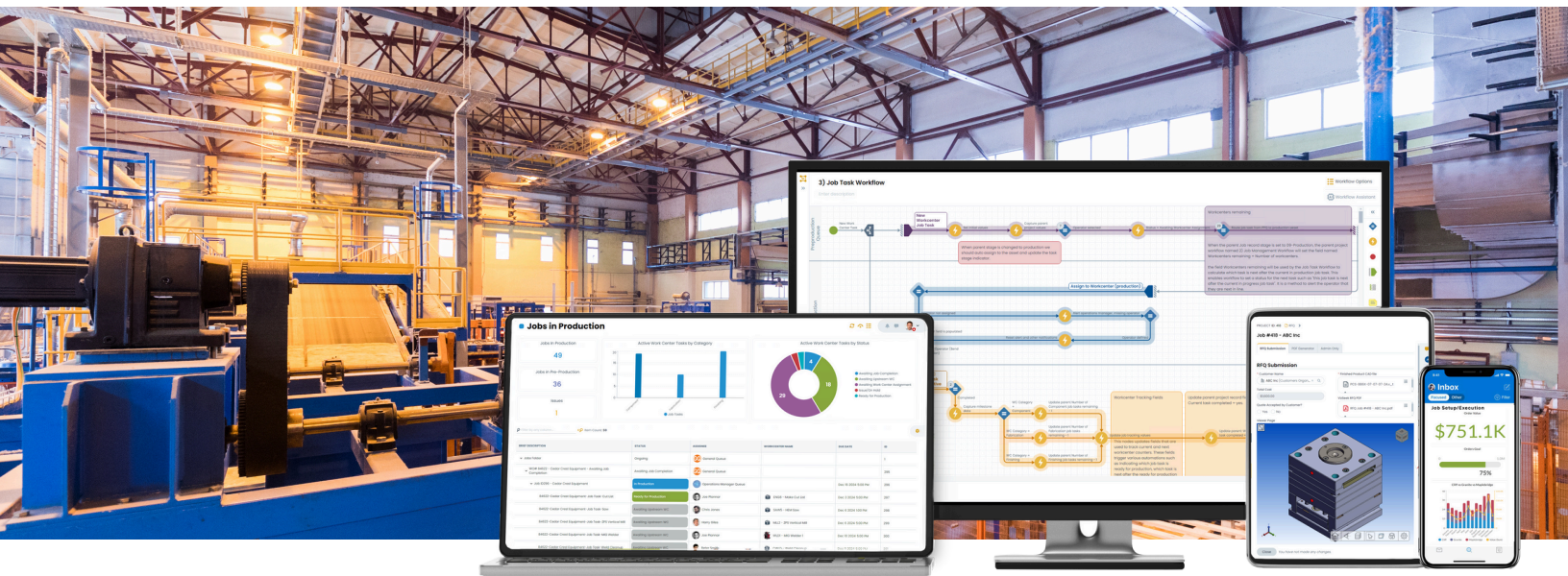
Introduction

For manufacturers handling high-mix, low-volume (HMLV) or engineered-to-order production, staying efficient is an art. Unlike large-scale manufacturers producing thousands of identical parts, HMLV companies must manage a complex blend of diverse, small-batch jobs. Yet, **traditional ERP systems are typically optimized for high-volume operations**, leaving HMLV businesses struggling with rigid scheduling and limited shop floor flexibility.

We're not your typical solution

Welcome to a new approach with HighGear—a platform built for the unique demands of HMLV manufacturing. This eBook will guide you through common capability gaps in traditional ERP systems and show how our customizable platform gives you the flexibility you need to run your business the way you want to - not the other way around.

ERP Capability Gaps

Most ERP solutions are built with high-volume manufacturers in mind. But if you're in HMLV manufacturing, you've probably found that these systems **lack the customization and flexibility needed** for dynamic, small-batch production. Complex workflows, changing priorities, and custom order requirements expose the limitations of traditional ERP software—**especially when it comes to scheduling and managing jobs on the shop floor.**

In manufacturing, scheduling can feel like a constant game of catch-up. When **standard ERP scheduling tools won't adapt** to unexpected changes or custom jobs, it creates bottlenecks and slows down production. You invest large amounts of **time, money, and effort** standing up an ERP, only to end up finding a workaround to rigid scheduling modules that force you to run your operations inside a box that ignores what's best for your company.

On searching for an ERP solution

"I'd talk to users of these systems, and one of my number one questions was 'How do you like the scheduling?'

And 9 times out of 10 they'd say 'Oh we don't use it.'

So here you have this big ERP system, and the one thing that's most core to your business you just work around it."

Tyler VanRee
President
Legacy Precision
Molds

So, what's missing? **Flexibility, real-time visibility, and seamless job scheduling**—areas where HighGear can help you bridge the gap.

Case Study

When **Legacy Precision Molds**, a leader in high-mix, low-volume manufacturing, faced inefficiencies with their homegrown tracking system, they knew a more robust solution was needed to meet the needs of their growing operations.

With HighGear, Legacy Precision Molds consistently meets a standard of **97% on-time delivery**

In an industry where job specifications change rapidly and custom orders are the norm, Legacy Precision Molds considered the route of a traditional ERP, but quickly realized they required a platform that could **keep pace with their dynamic shop floor**. HighGear provided the **flexibility and real-time job scheduling capabilities** they were missing, transforming their operations and significantly enhancing productivity. Here's how HighGear became the game-changer that empowered Legacy Precision Molds to master complexity and improve efficiency.

"We quickly became discouraged because with a lot of the ERP systems, you're stuck in a box and you can't be flexible outside of that."

Nick VanderZwaag
Purchaser/Quality Manager
Legacy Precision Molds

Since implementing HighGear, the Legacy team have been able to leverage the platform to create a **custom-tailored, end-to-end work management system** that covers everything from **quoting and job setup, to delivery and reporting**, and everything in between.

Post-Deployment Metrics

- 97% on-time delivery
- Custom flexible scheduling workflows
- Real-time tracking and reporting metrics
- ISO-compliant auditing

Watch the full Legacy Precision Molds story here: **Legacy Precision Molds Testimonial**

Why Does It Matter?

HMLV manufacturers need a solution that adapts as quickly as they do. Unlike large-scale producers, HMLV companies rely on the ability to **change job orders, customize workflows, shuffle scheduling, and efficiently manage small-batch production**. Traditional ERP systems fall short, struggling to keep up with constant shifts and specific, order-by-order adjustments.

HighGear was designed to provide HMLV manufacturers with **real-time flexibility and custom workflows** that fit their unique processes. The HighGear platform is powerful enough to take the place of an ERP entirely, or customizable enough to seamlessly integrate with any existing system and become an enhancement that fills in the gaps.

With HighGear, you gain control over job scheduling and shop floor visibility, empowering your team to tackle custom orders and complex production timelines with confidence.
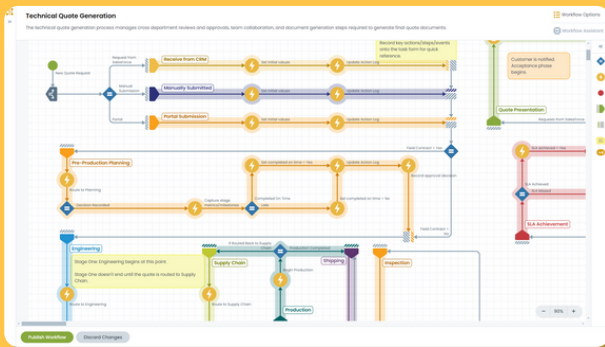
Customizable dashboards

Schedule, track, and get real-time visibility on the data you need, when and how you need it.

Drag-and-drop workflows

Easily create and modify workflows that fit your operations, not the other way around.

> **47% of companies** report challenges with real-time visibility across ERP applications
> -LeanIX

Ready to Close the Gap?

Whether using it as your primary platform, or integrating with your existing ERP or favorite accounting system, leveraging HighGear is simple. There's no need to relinquish control or force your team to work inside of a box. Manage work with precision, efficiency, and adaptability.

Customize Your Workflow

Create custom-tailored adaptable workflows that are easily managed and modified in-house without overburdening your team.

Optimize Your Shop Floor

Enjoy a scheduling solution that meets the demands of custom, small-batch production.

Gain Real-Time Visibility

Enable your team to see job progress, adjust schedules, and optimize the flow of work as needed. Collect ISO-ready end-to-end data with every project

Think Outside the Box

Don't get stuck trying to force your operations to work within the confines of a rigid solution. Take a look at HighGear and see how forward-thinking manufacturers are avoiding the pitfalls and high costs of traditional ERPs by embracing the flexibility, real-time visibility, and customizability of HighGear's no-code work orchestration platform.
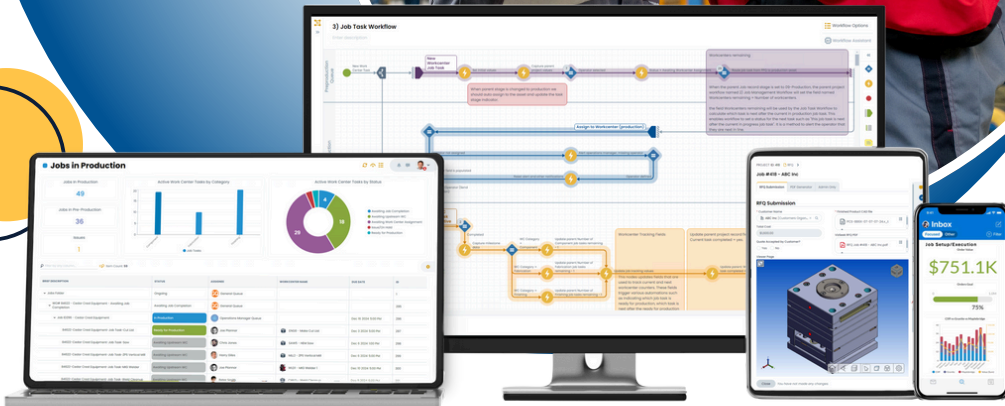
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