



Why an ERP Alone Isn't Enough

A Side-by-Side Comparison

Many manufacturers mistakenly believe their enterprise resource planning (ERP) systems should handle everything from planning to production. These systems are essential for managing business-wide data, but the truth is: They weren't built for execution.

If you're experiencing difficulty in areas like traceability, quality, or real-time data collection, your ERP likely isn't the problem. It just wasn't designed for what you want it to do.

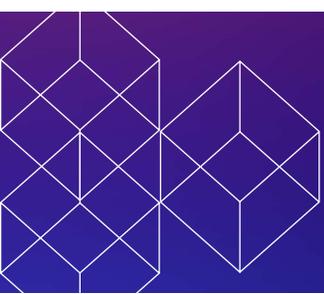
Rather than replace your ERP, consider enhancing it. Manufacturing execution systems (MES) bridge the gap between planning and execution, turning data from across your production ecosystem into accurate, real-time, actionable insights. The result? A more efficient, agile, scalable operation.

Use the chart below to see how an ERP on its own stacks up against an ERP paired with a real-time traceability and automation solution.

| Function | ERP Alone | ERP with MES |
|--|--|--|
| Inventory tracking | Limited visibility across the supply chain | Live manufacturing tracking with real-time data |
| Production management | Often stops at the edge of the shop floor | Digitized manufacturing workflows and automated scheduling |
| Maintenance and asset management | Frequently disconnected from production | Predictive, plant-level visibility |
| Quality and traceability | Minimal beyond basic compliance | Full product genealogy and quality data records |
| Data collection and reporting | Misses real-time shop floor activity | Unified, real-time shop floor insights |
| Production machine integration, SPC, SCADA | Rarely supported | Fully controlled and automated in MES |

Your ERP gives you a strong foundation, but it's not the whole picture.

Let's optimize your tech ecosystem, so you can scale smarter, work leaner, and make data-driven decisions in real time.



Rethink the Stack | Optimize the Ecosystem

Want a deeper breakdown? Download our guide to learn more:

[5 ERP Blind Spots Hurting Your Production Efficiency](#)