



# 14 Signs that your Fabrication Job Shop Needs an ERP Right Now!




 The Impact Without an ERP  The Fix With an ERP


## 1 Double Data Entry

 Entering the same data into a BOM app, an Excel scheduler, and a CAD/CAM nesting program.


 Seamless data integration from quote to invoice.


## 2 Scheduling Chaos

 Whiteboards that are outdated five minutes after the morning meeting.


 Dynamic scheduling that automatically adjusts when a machine breaks down.

## 3 Material Traceability Creep

 Struggling to find material certifications (MTRs) for customers who require them.


 Digitized document control tied directly to inventory and jobs.


## 4 Late Deliveries

 Missing ship dates because a sub-contracted process (like powder coating) wasn't tracked.


 Integrated purchasing and outside service tracking.


## 5 The "Loudest Customer" Schedule

 Shuffling production priorities based on whoever is screaming on the phone, causing a domino effect of late orders.


 **Data-Driven Scheduling:** Finite capacity planning that shows the exact ripple effect of a schedule change before you make it.


## 6 Engineering Change Amnesia

 Fabricating parts using an outdated CAD revision because the shop floor traveler wasn't swapped out in time.


 **Live Revision Control:** Digital engineering changes automatically update live jobs, preventing outdated data.


## 7 Phantom Profit

 Celebrating a massive job win, only to realize weeks later that un-tracked rework and scrap ate your entire profit margin.


 **Real-Time Job Costing:** Labor, material, and scrap are scanned directly to the job on the floor, giving you instant visibility into true margins.


## 8 The Drop Pile Graveyard

 Buying brand-new sheets of steel because no one knows if the leftover "drops" or remnants in the rack are large enough for the job.


 **Remnant Inventory Tracking:** Leftover materials are automatically tagged, dimensioned, and cataloged to be nested on the next job.


## 9 The Setup Time Money-Bleed

 Operators spending more time looking for tools, fixtures, and material than actually running the laser or brake press.

 **Work Center Dispatch Lists:** Clear, prioritized electronic queues that tell operators exactly what job is next, what tools are needed, and where the material is.


## 10 CAD-to-BOM Bottleneck

 Manually typing a complex 150-line Bill of Materials from SolidWorks into an estimator's spreadsheet, introducing typos.


 **CAD/BOM Integration:** Instantly importing CAD models directly into the quoting system to generate an accurate material and routing list in seconds.

## 11 "He Said, She Said" Billing

 Forgetting to bill a client for mid-job design changes or extra setup requests because the agreement was made verbally on the floor.


 **Integrated Change Orders:** Mid-stream project adjustments are documented in the system, automatically updating the final invoice amount.


## 12 Material Expiration Panic

 Throwing expensive, time-sensitive materials (adhesives, epoxies, or specialized pre-pregs) because they expired on the shelf.


 **FIFO & Shelf-Life Alerts:** Automatic inventory rotation alerts that flag expiring materials long before they become expensive scrap.


## 13 The Vendor Black Hole

 Blindly trusting outside processors and getting surprised by late returns or hidden fees.

 Automatic subcontract tracking with hard deadlines and integrated PO costs.

## 14 Perpetual Overtime

 Bleeding money on premium labor rates to make up for scheduling bottlenecks.

 Predictive scheduling that balances machine loads and prevents bottlenecks before they happen.

OmegaCube ERP is an enterprise resource planning system designed primarily for small and medium-sized manufacturers and distributors. It enables enterprises to automate and integrate workflows, improve process efficiency, and get real-time visibility across their operations (inventory, production, quality, finance, etc.)

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