



JEMS · CLOUD ERP FOR UK SME MANUFACTURERS

# How Jems solves business challenges

Jems brings quotes, stock, purchasing, MRP, works orders and the live shop floor into one system for UK SME manufacturers. This document sets out the challenges Jems removes, the evidence behind the product, and the challenges we already plan to remove next. Where a capability is on the roadmap rather than live today, it says so, with a date.

## THE EVIDENCE BEHIND JEMS

### Two years in the building

Jems is two years of full-time development by Jatech Ltd: a complete cloud ERP built specifically for UK SME manufacturers, not cut down from enterprise software.

### Shaped by two working factories

Two UK manufacturers, both running iCaps today, work with us as development partners. Features are designed and tested against their real quotes, BOMs, works orders and shop floors.

### First migrations committed

Both partners have confirmed they will become paying customers later in 2026, migrating from iCaps to Jems. The automated migration tooling is developed and rehearsed against their live systems.

## CHALLENGE 1 · ENTERPRISE INFRASTRUCTURE · LEGACY SYSTEMS

### “Our ERP is end of life, and the risk grows every month.”

Somewhere in the building is a server that must not be turned off, running software the vendor no longer supports, understood best by someone close to retiring. Every audit, every new customer requirement and every hardware fault asks the same question: what happens when it stops?

**This is the challenge Jems was built around.** Jems specialises in moving UK SME manufacturers off iCaps and other legacy and end-of-life ERP systems: one fixed, all-in migration price agreed before you commit, covering parts, BOMs, customers, suppliers, orders, ledger history, documents and trace records. The automation is developed and rehearsed against two real iCaps installations today, so it is proven before it ever touches your data.

1

#### Free data assessment

We review your current system and confirm exactly what comes across.

2

#### Rehearsal migration

Your real data in a Jems test system. Compare side-by-side for as long as you like.

3

#### You pick the date

Nothing happens until you say go. Your current system keeps running.

4

#### Planned cutover

Typically over a weekend. We do the heavy lifting; your team starts Monday on Jems.

5

#### Hypercare month

30 days of priority-level support while your team settles in.

Two promises from day one: **your old system is never switched off until you are live in Jems**, and **your data is always yours**: a contractual export promise, everything in standard formats, any time.



## CHALLENGE 2 · MADE SMARTER CHALLENGE: BUSINESS OPERATIONS

### “Quoting takes hours, and wins or loses every job.”

For most SME manufacturers a quote means trawling supplier websites for prices and lead times, re-typing them into a spreadsheet, guessing the margin and hoping nothing has changed since last time. Slow quotes lose work; mis-priced quotes lose money.

#### ✔ Quotes from your data

Built from the parts, BOMs and routings you already hold, not a blank spreadsheet. Nothing the last quote learned is lost.

#### ✔ Live margins

Margin visible line by line as you quote, before the price goes out the door.

#### ✔ Acknowledgements sent for you

Order acknowledgements raised and emailed automatically when the order lands.

#### ✔ Pricing memory

Supplier price history on every part: what you last paid and who quoted it. Customer special prices applied automatically.

#### ✔ Same-day paperwork

The quote document generates itself, and a won quote becomes the sales order without re-keying.

#### ✔ A searchable record

Who quoted what, when, at what margin: an activity trail, not a folder of spreadsheets.

#### WHERE THIS GOES NEXT · SUMMER 2026, IN DEVELOPMENT NOW

The **Supplier API** connects quoting and purchasing to live supplier data: current prices, lead times and stock availability, checked from inside Jems as you build the quote. The hours a quoting team spends trawling supplier websites collapse into a lookup that happens as you type. It is built to hand back **multiple hours on every quote**, so quotes go out the same day they come in.

## CHALLENGE 3 · MADE SMARTER CHALLENGE: BUSINESS OPERATIONS

### “The office runs on re-typing, and admin hours are pure overhead.”

Every order re-typed three times: into the order book, the job paperwork and the accounts package. Every re-type is an error waiting for month end, and the hours spent typing, chasing and filing never reach an invoice.

#### ✔ Paperwork that writes itself

Quotes, acknowledgements, invoices, credit notes, purchase orders, dispatch notes and production records: generated from data already in the system.

#### ✔ One chain, no re-keying

Quote to order to invoice to credit note in one chain: nothing re-typed, so nothing mistyped.

#### ✔ Accounts handover

Nominal-coded export to your accounting package keeps the ledger current without re-keying.

#### ✔ Credit control on autopilot

Customer limits and holds enforced automatically, with aged debtors and payment reminders built in.

#### ✔ Goods in, matched

Deliveries booked in against the purchase order, so stock and commitments are right by construction.

#### ✔ Multi-currency

Buy and sell in foreign currencies with rates handled by the system, not in someone's head.

#### ✔ On the roadmap: live two-way accounting sync with Xero, QuickBooks and Sage lands Q3 2026.



## CHALLENGE 4 · MADE SMARTER CHALLENGE: PRODUCTION PLANNING AND CONTROL

### “Planning lives in spreadsheets, so the factory runs on firefighting.”

Quoted dates nobody checked against the plan. Shortages discovered at the bench rather than at order time. Progress known only by walking the floor and asking, and the true cost of a job a month-end surprise.

#### ✔ MRP

One run explodes BOMs into works orders and purchase requirements: what to make, what to buy, and when. Requirements turn into purchase orders in a click, not a re-type.

#### ✔ Live shop floor

Clock-in/out and QR-scanned job tracking: progress is captured as people work, not written up afterwards. The office sees the floor without walking it.

#### ✔ Variance & worker KPIs

Variance by worker, operation and department against thresholds you configure, with trends, worker reports and CSV export.

#### ✔ Works orders

Operation routing, planned dates, progress and costs on every job, with the job's full history attached.

#### ✔ Job costing, live

Actual vs standard cost while the job is still running: overruns surface in time to act, not in the month-end accounts.

#### ✔ Stores, kitting & stock

Parts kitted to works orders from stores; locations, transfers, valuations and low-stock alerts keep the plan honest.

✔ On the roadmap: drag-and-drop Gantt scheduling with a capacity view lands Q4 2026.

## CHALLENGE 5 · MADE SMARTER CHALLENGE: QUALITY MANAGEMENT

### “The auditor asks which batch went where, and it takes a week.”

Traceability evidence lives in ring binders and memory. A customer quality requirement or an audit means days of archaeology, and one missing record undermines the lot.

#### ✔ Traceability

Trace numbers follow material through stock, works orders and dispatch.

#### ✔ Access control

Granular role-based permissions and two-factor authentication as standard: people see exactly the screens their role needs.

#### ✔ Audit trail

A full record of who did what, when, across the system.

#### ✔ Documents

Drawings, datasheets and certificates attached to parts and BOMs, with versioning.

✔ On the roadmap: a dedicated Quality Management module arrives Q1 2027 as an optional add-on: goods-in inspection, hold points and NCRs.



## CHALLENGE 6 · COST & WHOLE-TEAM ADOPTION

### “ERP pricing punishes the team for growing.”

Per-seat pricing turns every new starter into a licensing decision, and putting the shop floor on screens multiplies the bill. So systems stay half-adopted, and half-adopted systems hold half-true data.

Jems is a simple monthly subscription designed for whole-team adoption: office users are included with every package, shop-floor workers join in low-cost buckets of five, and **the shop floor is never priced per head**. Specialist capabilities arrive as optional add-on modules, switched on only if you want the job they do. Current pricing is published at [jems-erp.uk](https://jems-erp.uk).

#### WHAT'S NEXT

### Challenges we already plan to remove

We work with our partner factories to find the next problem worth solving. These are the ones already scheduled. Dates are build targets and may move; progress is published openly at [help.jems-erp.uk](https://help.jems-erp.uk).

- Q3 2026** ● “Re-keying between the ERP and the accounts package”  
Live two-way sync with Xero, QuickBooks and Sage replaces the export-import handover.
- Q4 2026** ● “Promising dates against capacity nobody can see”  
Drag-and-drop Gantt scheduling with a capacity view for everyone; auto-scheduling, finite capacity and what-if scenarios as an optional add-on.
- Q1 2027** ● “Cash tied up in unpaid invoices”  
Invoice financing built into Jems: advances on unpaid invoices, typically within 24 hours.
- Q1 2027** ● “Subcontract operations managed by spreadsheet and phone”  
Subcontracting with automatic purchase orders and cost absorption back into the job.
- Q2 2027** ● “Engineering changes that outrun the paperwork”  
ECR/ECO workflows with impact assessment and revision effectivity, plus richer dashboards and CRM sync.
- Later 2027** ● “Chasing suppliers for order confirmations”  
Purchase orders transmitted to suppliers electronically, with acknowledgements flowing straight back into Jems.

**Where this maps in the directory:** main challenge Enterprise Management (production planning and control · business operations · quality management), with Enterprise Infrastructure for legacy system replacement. Technology type: Legacy System Upgrade. Provider type: Software Solution Provider.

#### NEXT STEP: SEE JEMS WITH YOUR OWN DATA

Book a live demo and a **free data assessment**: we'll show Jems working with scenarios from your own parts, BOMs and orders, and confirm exactly what a migration would bring across.

[sales@jems-erp.uk](mailto:sales@jems-erp.uk) · [jems-erp.uk](https://jems-erp.uk) · Jems is a product of Jatech Ltd