

— ENSPEKT MANUFACTURING · 14 MODULES

Production that stays in control.

Plan, schedule and run work orders on the same record as your quality checks, stock and costs, from the master schedule to the finished lot.



Finite-capacity scheduling with preview



Control-plan checks gate completion



Standard versus actual cost per order

Every order traceable from plan to finished lot.

Disconnected travellers, spreadsheets and a separate ERP make it hard to know what was built, by whom and at what cost. Enspekt runs production on one record, so planning, execution, quality and costing always agree.



Controlled execution

Operations start, complete and hold with race-safe updates, and can never produce more than the step feeding them.



Quality on the line

With quality gates on, an operation cannot complete while mandatory control-plan checks fail.



Real costs

Labour from time bookings and material from actual issues, compared with standard cost on every order.

What's included

14 modules in the Manufacturing bundle

■ Manufacturing Orders

Work-order lifecycle with role-based transitions and operation tracking.

■ Production Costing

Standard versus actual labour and material cost, with variance.

■ Batch Records

Numbered steps with pass or fail; every step recorded before completion.

■ OTD Analytics

On-time and in-full rates, delay-reason Pareto and customer breakdown.

■ Production Traveler

Operator sign-off, then an independent inspector verdict per step.

■ BOM Revisions

Revision-controlled bills of material with release history.

■ Engineering Change Orders

Impact review, separate approver and BOM updated on implementation.

■ Master Production Schedule

Weekly or monthly plan that drafts the work orders it needs.

■ Print Templates

Layouts for order, routing, BOM and ECO prints, with preview.

■ Production Scheduling

Finite-capacity auto-scheduling, Gantt, capacity and exceptions views.

■ Manufacturing Routings

Operations, work centres and standard times applied to each order.

■ Production Scrap

Reason-coded scrap with independent approval and write-off.

■ Shop Floor Control

QR scan to a station or operation, timers and shift events.

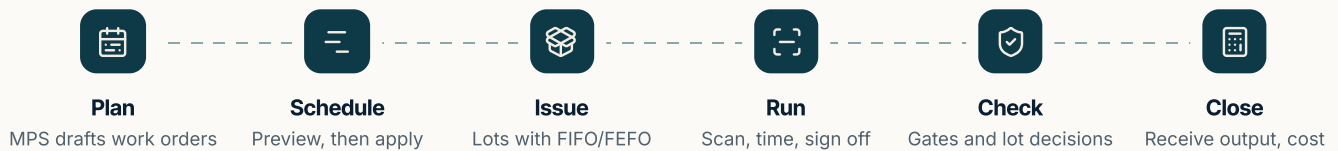
■ Andon Board

Live tiles per work centre: running, idle, on hold, refreshed every 15 s.



≡ HOW IT WORKS / 03

From the master schedule to a costed, finished lot.



Scheduling you can trust
Auto-schedule against finite capacity, preview the plan, then apply exactly what you saw. Every move is logged.

Material from real lots
Issue from warehouse lots in one locked step, with expiry and FIFO/FEFO rotation enforced.

Lot-level quality decisions
Record accept, reject, rework or split per output lot, and place or release quality holds by role.

Dual-control traveller
The operator signs first; a different person gives the inspection verdict on the full quantity.

Change under control
ECOs classify impact on open orders, stock and purchase orders, and update the BOM in one transaction.

Accountable scrap
Scrap needs a reason and an approver other than the person who logged it, then writes off to expense.

BUILT FOR

Production planner

Supervisor

Operator

QC inspector

Manufacturing engineer

Works with the rest of Enspekt.

Manufacturing shares its records with the bundles around it, so nothing is typed twice between the warehouse, quality and finance.



WAREHOUSE

Materials issue from warehouse lots, material requests raise pick lists, and finished goods are received into stock.



QUALITY

Control-plan checkpoints gate operation completion, and ECOs link to PPAP and approvals.



SALES AND ACCOUNTING

Sales orders create OTD commitments and can convert to work orders; WIP and scrap post to the ledger.

ON EVERY ENSPEKT WORKSPACE

 Offline-first field app

 Reports & analytics

 Complete audit trail

 Role & module permissions

 Multi-factor sign-in

 English & Arabic

See Manufacturing in your workflow.

Book a demonstration built around your own processes, or create a workspace and switch the Manufacturing bundle on.

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