NETEX Apparel

TEXTILE & APPAREL ERP · BUILT FOR BANGLADESH

Run your mill with complete *clarity.*

From the first buyer inquiry to export proceeds: spinning, knitting, dyeing, garments, export, compliance and payroll on one platform, so every order tells one story.

1	27	392	21
database, one login, one order thread	dashboards, one for every area	catalogue reports	role profiles, each with its own home

THE PROMISE

One system for the whole mill, *not a bundle of separate ones.*

Every department works on the same order, the same lots and the same ledger. Nothing is typed twice and nothing falls between the cracks. NETEX Apparel covers a vertical group from merchandising to payroll, for spinning, knitting, dyeing and finishing, garments and export.

1

One order, every department.

The buyer order drives the fabric booking, the knitting program, the dye batch, the cut plan, the bundles, the cartons, the BTB LC, the export documents and the realisation. Nobody re-keys it, and every step shows who did it.

2

The rules of the industry are already in the system.

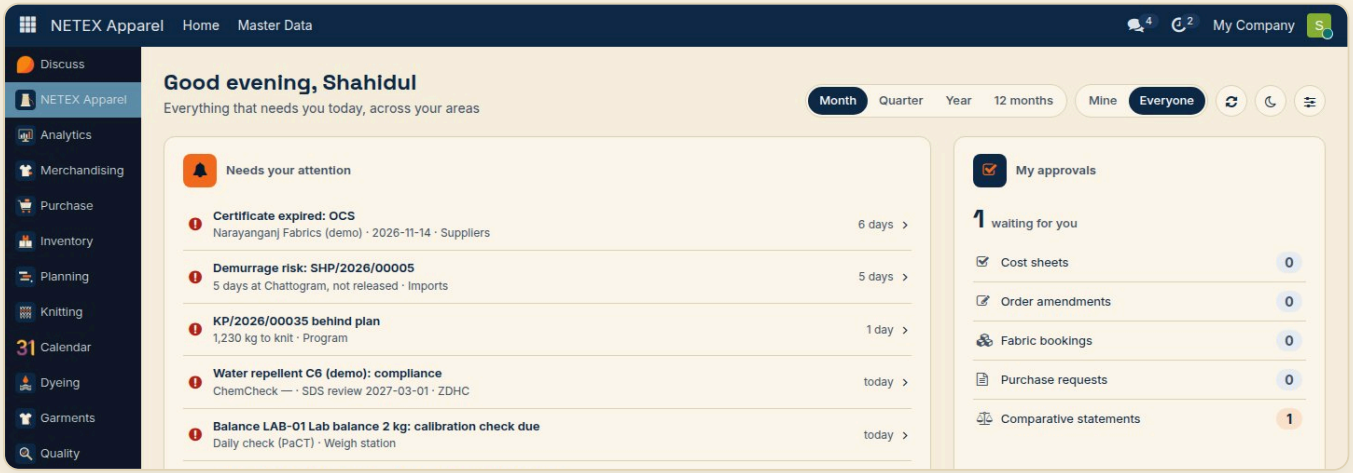
Bond and UD / UP, BTB and Master LC, EXP and realisation, Mushak forms, Labour Act overtime and leave, wage payment through bKash, Nagad and Rocket, ZDHC MRSL, AQL, 4-point inspection and buyer compliance. Configured per company, with dated Bangladesh defaults.

3

Every area opens on what matters today.

27 dashboards, 392 catalogue reports, the owner's daily flash, alerts on WhatsApp and SMS, and floor apps that keep working when the network drops.

29	35	21	828
modules	apps on one menu	role profiles	settings each company controls



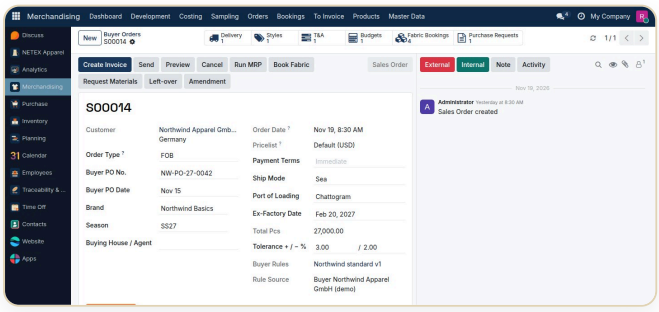
The owner's home screen: what needs attention today, and what waits for approval. Screens show fictional demonstration data.

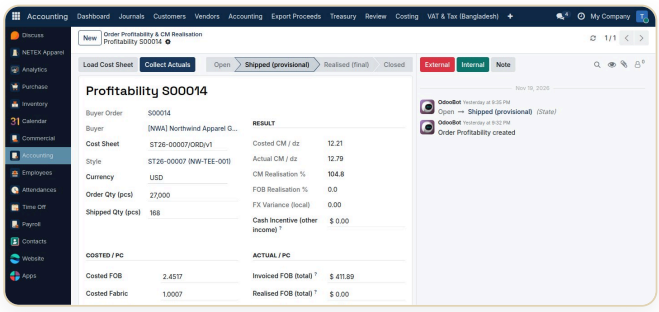
ONE ORDER THROUGH THE MILL

Follow one buyer order, *inquiry to export proceeds.*

Northwind Apparel GmbH (demo) orders 27,000 men's knit tops, FOB Chattogram. Every step below is a real screen in the product, each done by the person who owns it. Figures are fictional demonstration data.

1	**Inquiry to costed style.** Buyer, season SS27, target USD 2.40, 30,000 pcs estimated. Style ST26-00007 carries colourways Navy and White, BOM and consumption.	INQ/2026/0004 ST26-00007
2	**Cost sheet and buyer order.** Approved by value band, never by the preparer. Order S00014: 27,000 pcs, ex-factory 20 February 2027, tolerance plus-minus 3 %.	S00014 buyer PO NW-PO-27-0042
3	**Booking and plan.** 18,000 pcs turn into 3,752 kg of greige, every process loss shown. A 25-task T&A with a critical path warns before the ex-factory date moves.	FB/2026/00003 T&A S00014/D1
4	**Knit and dye.** Program 67 % knitted, 102 rolls weighed at the machine. Navy dye batch 254.8 kg, MRSL checked before dispensing, QC passed, right first time.	KP/2026/00035 B-00001
5	**Cut, sew, inspect.** Bundles and line output from the plan strip. Final AQL inspection failed at 4 minor defects against reject 4; NCR raised, re-inspection passed.	GPO/2026/00001 FIN-00001 · FIN-00002
6	**Pack, with gates.** The packing list will not release to commercial until every gate is green: labels, tolerance, needle quarantine, buyer tests, compliance hold.	PL/2026/00001
7	**Ship.** Master LC USD 66,195.90, BTB headroom checked before any import LC opens. Invoice built from what was packed; EXP shows repatriation due 19 March 2027.	DEHH-ML-27-0042 CI/2026/00002 · EXP-0612-26-0144
8	**Get paid.** On the earlier shipment, proceeds USD 117,900 are recorded against the bank's credit advice with source tax USD 1,179, claim and charges, then distributed.	RLZ-00001
9	**Know the real margin.** Costed CM per dozen 12.21, actual 12.79: CM realisation 104.8 %.	Profitability S00014





MERCHANDISING & PLANNING

The order book that knows its *cost, bookings and plan.*

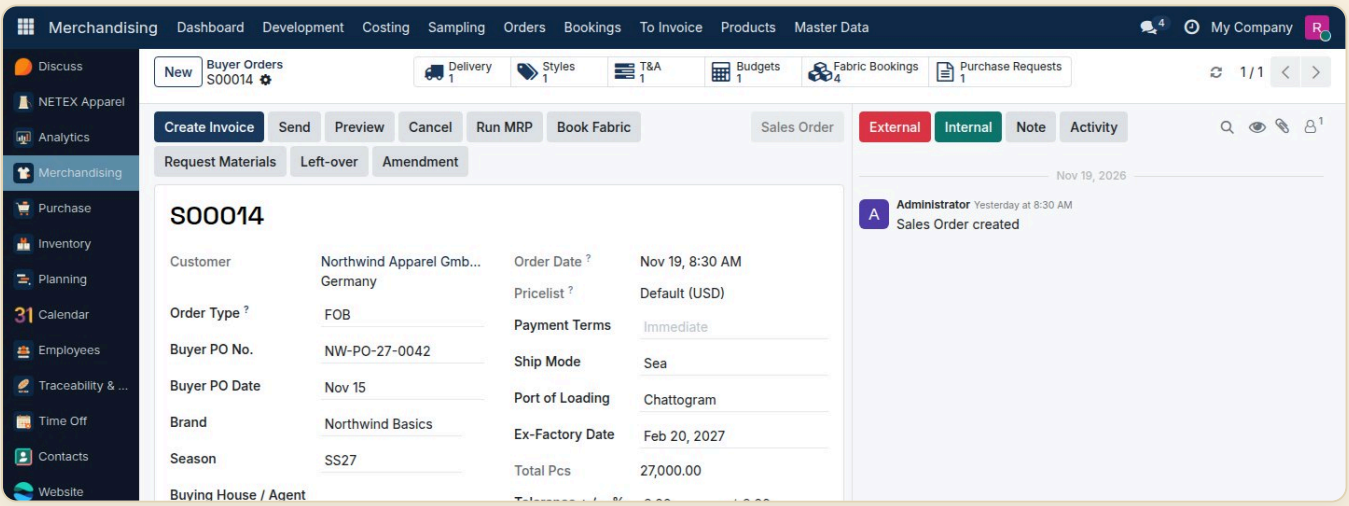
Win the order on a cost you trust, then plan it against real capacity.

Merchandising

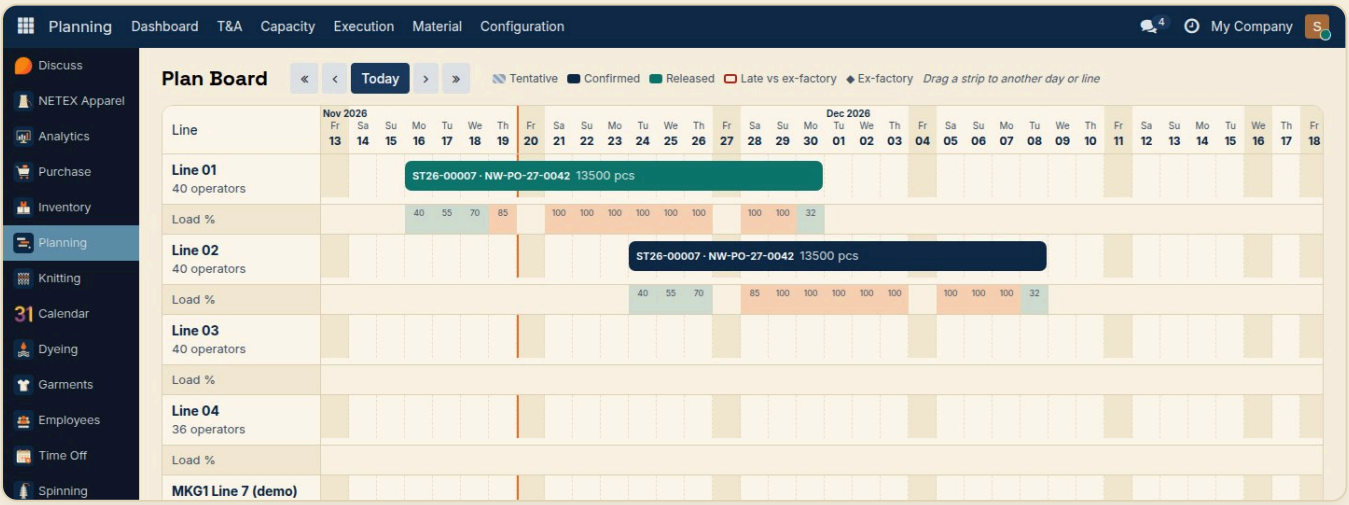
- Inquiries with hit rate by buyer; styles with colourways, lab-dip status, BOM, SAM and product passport.
- Cost sheets with versions, approved by value band, down to FOB and CM per dozen.
- Buyer orders with size-colour matrix, tolerance, buyer rules, amendments and order confirmation.
- Fabric bookings that turn pieces into kilos of yarn and greige, with every loss shown.

Planning

- T&A calendar with baseline against forecast, critical path and a warning when lead time is compressed.
- Plan board by line: drag a strip to another day or line and the T&A forecasts follow.
- MRP nets stock and open orders before anything is bought, and says what it could not plan and why.
- What-if scenarios, and requirements that become purchase requests.



Buyer order S00014 (demo): buyer PO, ex-factory date, tolerance, order lines.



Plan board (demo): strips by line, load per line, drag to re-plan.

PURCHASE, BOND & STORES

Buy once, receive with quality status, *keep the bond clean.*

From the purchase request to the bonded store, with the licence rules built in.

Purchase

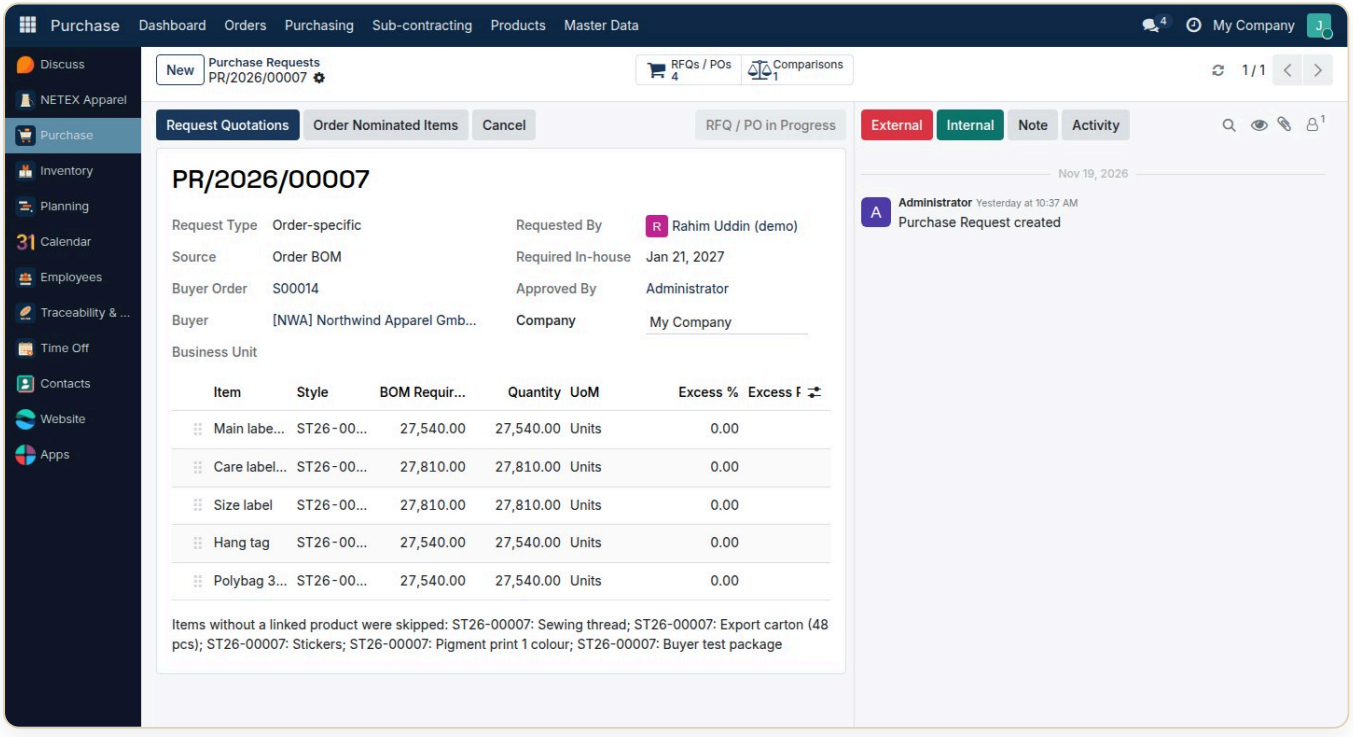
- Supplier approval, purchase requests and RFQs compared in a comparative statement approved by value band.
- PO types with a BTB gate on import orders: headroom is checked against the master LC.
- Gate entry, then goods receipt with QC, roll and carton details and quality status on every lot.

Inventory & stores

- Stock by lot and roll, issues and transfers between units with genealogy and transfer pricing.
- Dyes and chemicals under ZDHC checks; the buyer's MRSL blocks a recipe and its issue.

Bonded warehouse

- Bond licence and entitlement, consumption coefficients, the UD / UP register with import limits.
- An append-only bond ledger, export consumption posting and UD / UP reconciliation.
- Machine loans out of bond need bond permission; the bond dashboard shows entitlement used and duty exposure.



Purchase request PR/2026/00007 (demo): labels and trims for the order, linked to RFQs and the comparative statement.

BTB gate

An import PO cannot open against a master LC with no headroom left.

UD / UP

Import limits are checked against the register on every bonded receipt.

SPINNING, KNITTING, DYEING & FINISHING

From bale to finished roll, *every lot traced.*

Spinning

- Bales with HVI, laydowns balanced on the lab results, ring production from hank meters.
- Yarn lab and certificate of analysis, count-wise costing, waste by stage.

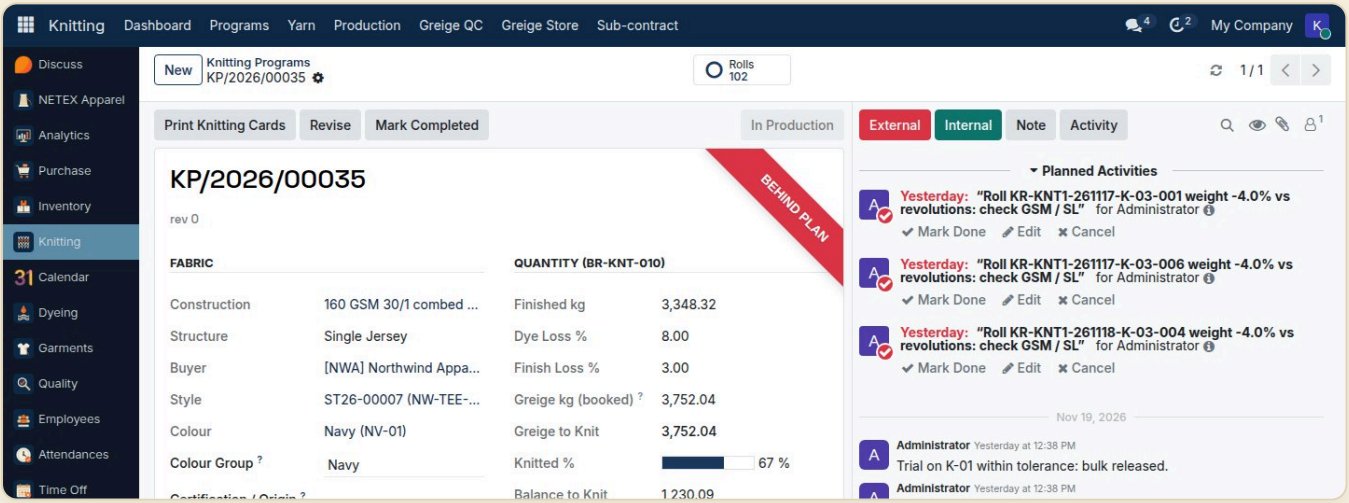
Knitting

- Programs created from fabric bookings, with yarn lot discipline at issue.
- Rolls weighed and labelled at the machine; out-of-tolerance rolls raise a task.
- 4-point greige inspection per roll.

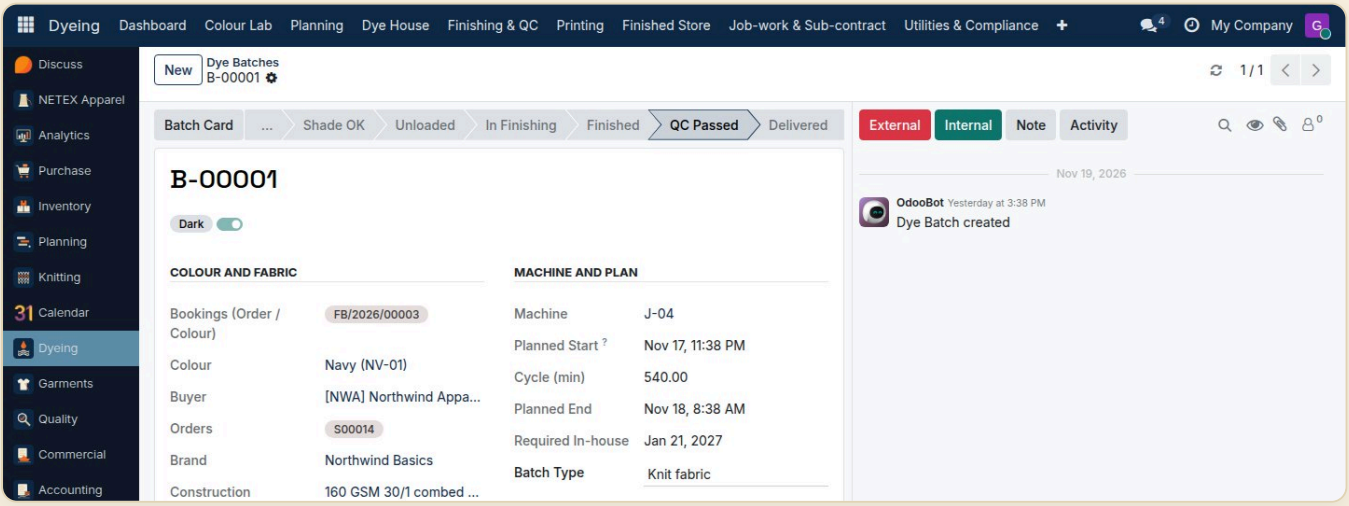
Dyeing & finishing

- Colour lab and recipes; light-to-dark batch planning.
- Dispensing with ZDHC checks, shade checks and re-processing.
- Finishing, tests, batch costing and variance, and delivery to cutting by shade group so a shade mix is caught before the lay.

Knit composite? Yarn to carton run under one roof on one order book, with transfers between units.



Knitting program (demo): 67 % knitted, 1,230 kg to go, activities raised on under-weight rolls.



Dye batch B-00001 (demo): Navy, machine J-04, recipe v1, QC passed.

GARMENTS & QUALITY

Cut, sew and pack with the controls *buyers audit.*

Garments

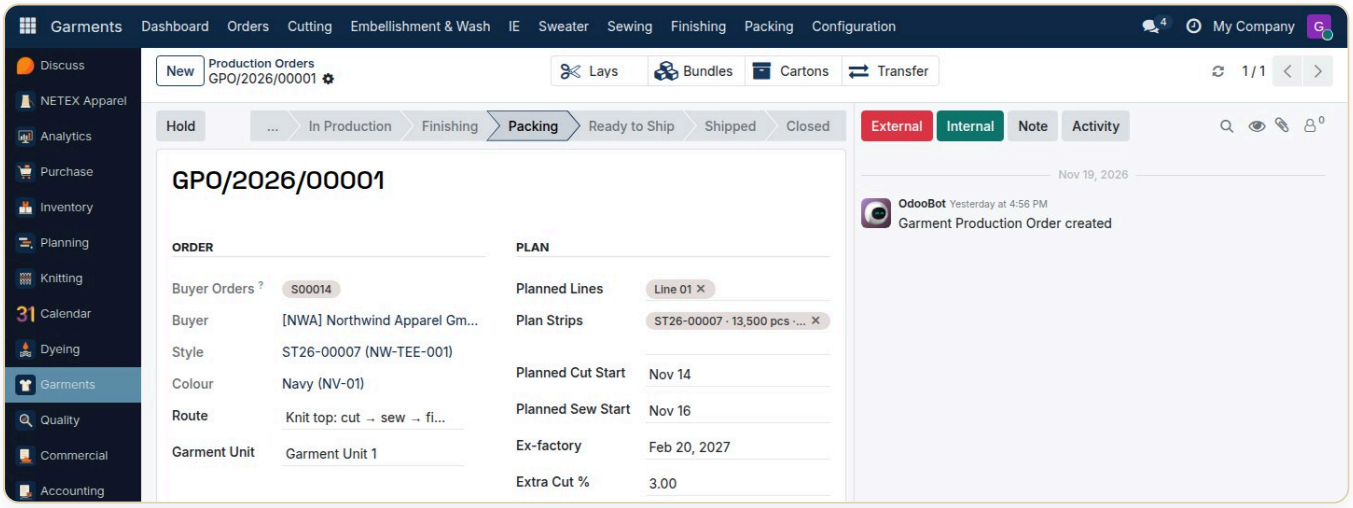
- Cut plan, lays and bundles; operation bulletins with SMV and line balancing.
- Line scanning, hourly output and the line display; sewing efficiency per line.
- Needle control with broken-needle quarantine and metal detection per carton.
- SSCC cartons and packing lists that will not release until every gate is green.

Quality

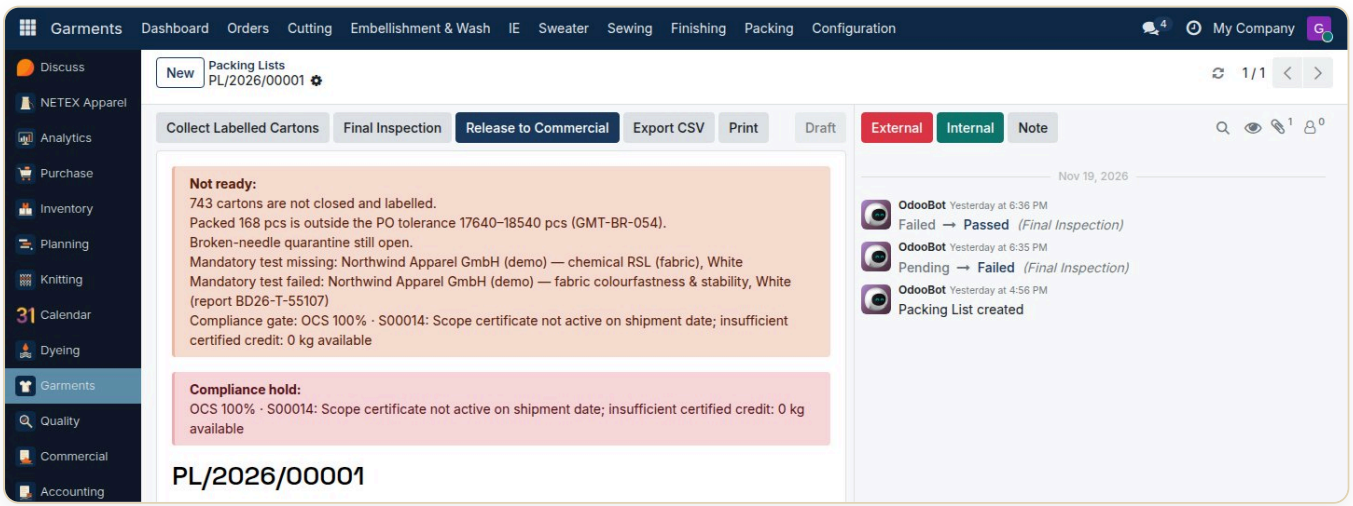
- One quality engine across units: incoming inspection, fabric 4-point, in-line traffic lights, end-line DHU.
- Measurement checks and final AQL inspection with the shipment release gate.
- NCR to CAPA, lab tests, complaints, AQL tables and buyer quality profiles.

No pass, no shipment.

A failed final inspection raises an NCR and holds the packing list until the re-inspection passes.



Garment production order (demo): plan, needle policy, operation bulletin.



Packing list PL/2026/00001 (demo): the system saying "not ready", and why.

COMMERCIAL, EXPORT FINANCE & ACCOUNTING

From master LC to *realisation and Mushak.*

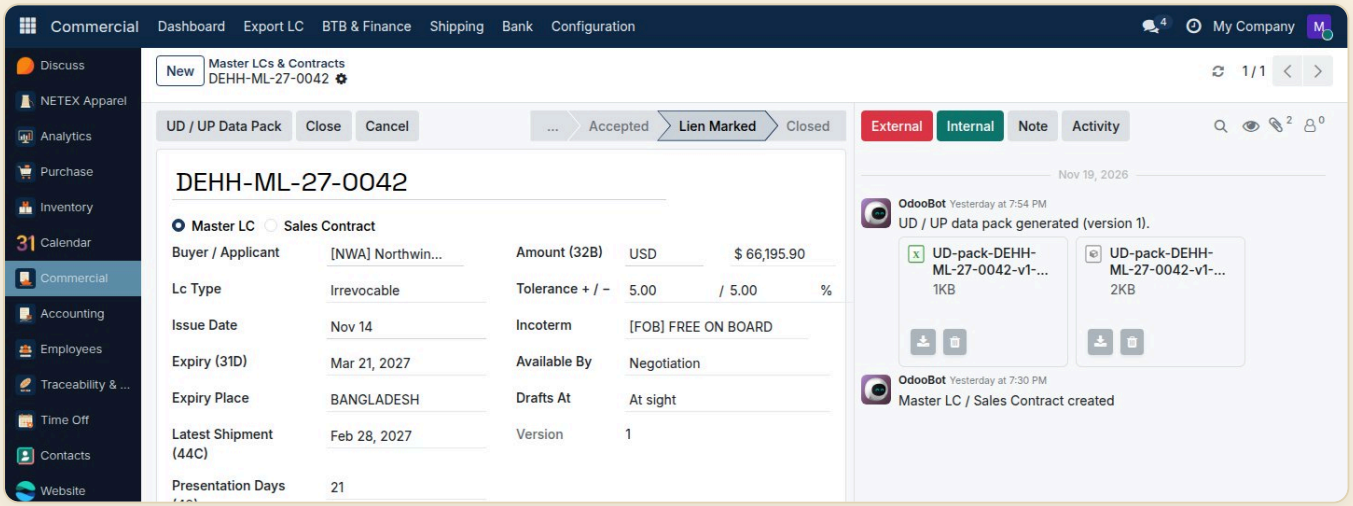
Commercial & export finance

- Master LCs and sales contracts; BTB LCs with headroom and facility checks.
- Import bills and maturities, EDF loans.
- Commercial invoices built from packed cartons, EXP, documents and shipment.
- Realisation with deductions, source tax and distribution; repatriation tracked against the 120-day rule.

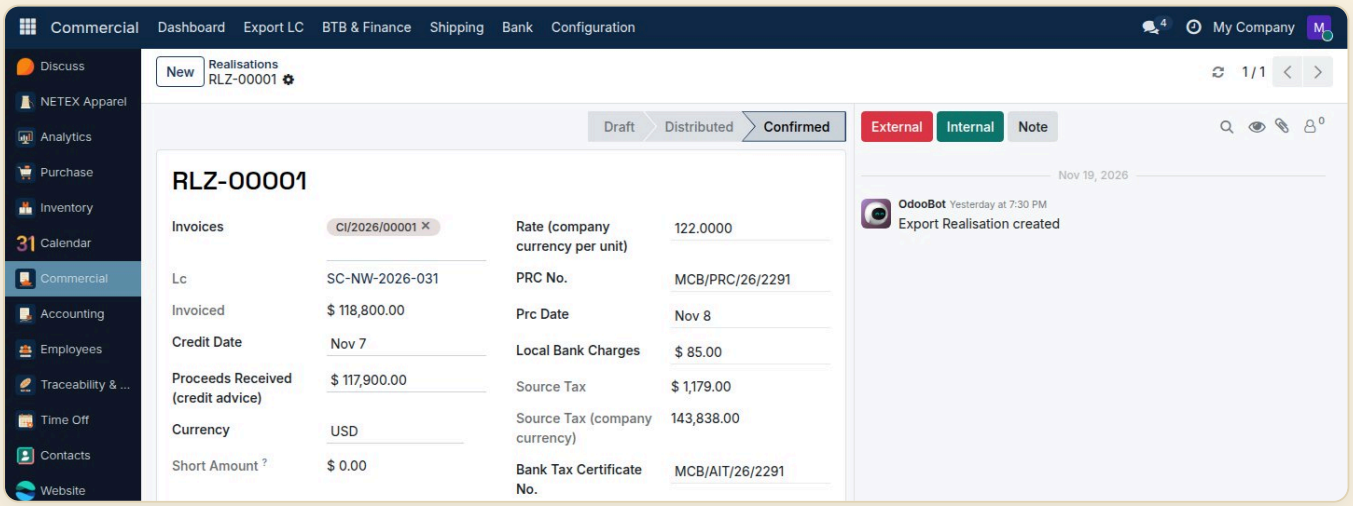
Accounting with Mushak

- Export receivables at the bank buying rate, realisation postings with AIT, BTB, EDF and FDBP settlement, FX revaluation.
- Mushak 4.3, 6.1, 6.2, 6.3, 6.7, 6.8 and 9.1, with registers and the input-VAT gate.
- Order profitability and CM realisation, month-end close, 13-week cash forecast.

Bank and customs systems are handled as file imports and data packs. Formats are confirmed with the issuer at implementation.



Master LC DEHH-ML-27-0042 (demo): amount, tolerance, drawable balance, BTB eligibility.



Realisation RLZ-00001 (demo): proceeds, source tax, claim and charges.

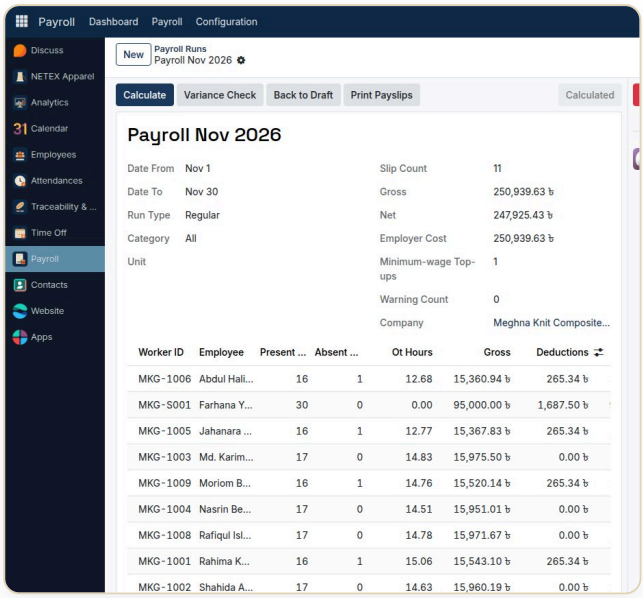
PEOPLE & TRACEABILITY

Pay the people, *prove the product.*

HR & payroll

Workforce and payroll under the Bangladesh Labour Act 2006.

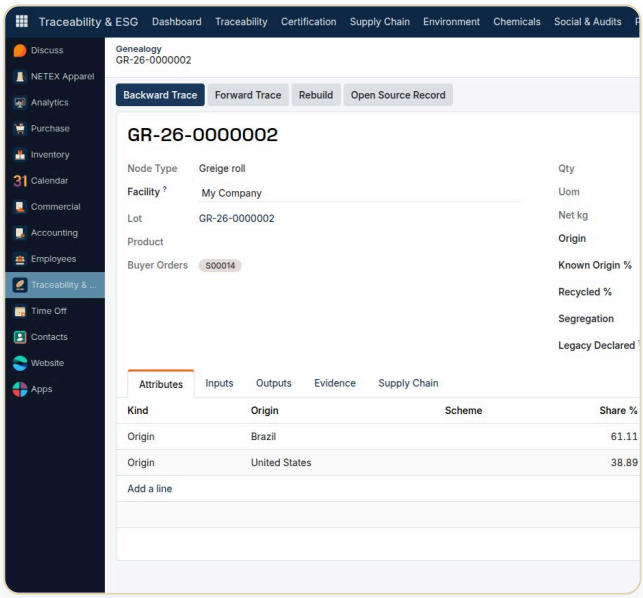
- Worker master with NID and age verification, wage-board grades.
- Attendance from devices; overtime caps and leave under the Act.
- Payroll with lock, payslips in Bangla, disbursement and final settlement; wages to bKash, Nagad and Rocket wallets.
- Worker privacy: pseudonymised operator output with an access log.



Payroll run Nov 2026 (demo): slips, gross, attendance and overtime hours.

Traceability & ESG

- Genealogy from carton back to bale, and forward from any lot.
- Product passport; origin shares carried through, such as a roll that is 61.1 % Brazil, 38.9 % United States.
- Certificates with expiry alerts, a compliance hold when a scope certificate is not valid.
- Energy and water, social and chemical records, buyer packs.



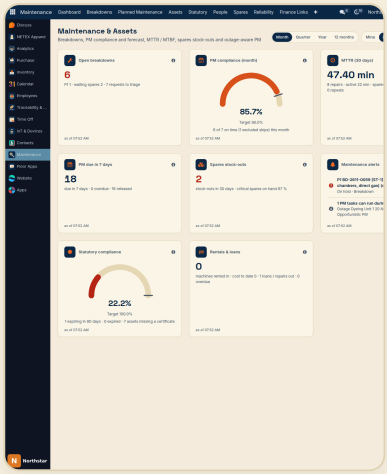
Greige roll GR-26-0000002 (demo): backward and forward trace, origin shares.

THE FLOOR AND THE OWNER'S VIEW

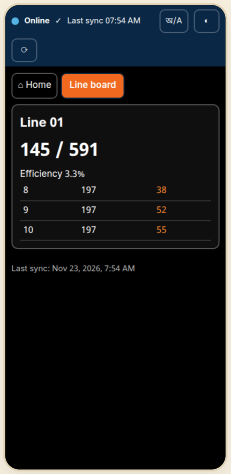
See the machines, *read the day.*

IoT, maintenance & floor apps

- Devices, scales, meters and printers with store-and-forward gateways; andon calls from the line.
- Machine status and OEE; breakdown work orders, preventive maintenance, spares and statutory certificates.
- MTBF, MTTR and availability loss, including power outages.
- Floor apps for phones and tablets: line board, approvals, petty cash. They keep working offline and sync when the connection returns.



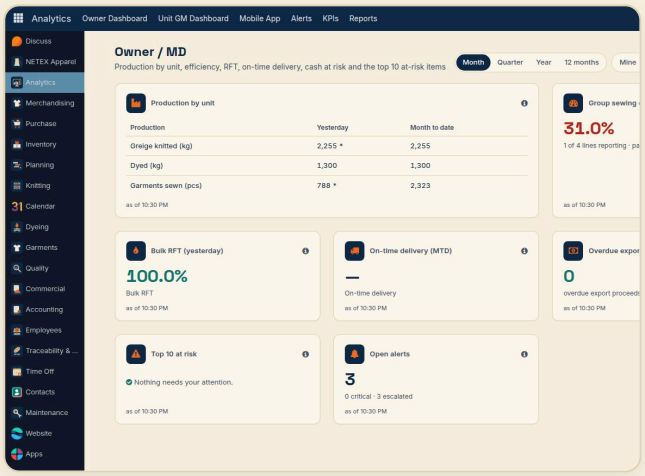
Maintenance dashboard (demo)



Line board on a phone (demo)

Analytics, owner's view, WhatsApp & SMS

- Owner and unit-GM dashboards: production by unit, sewing efficiency, bulk right-first-time, overdue export proceeds, top 10 at risk.
- The owner's daily flash, alert rules with owners and escalation, and a mobile app with an offline cache.
- WhatsApp and SMS from the one outbox: events, templates in English and Bangla, consent register, quiet hours.
- Gateways for Bangladesh SMS providers and the WhatsApp Business API are ready; they go live once your own accounts are issued.



Owner dashboard (demo).

BUILT FOR BANGLADESH

The rules are in the system, *set per company.*

Area	Already built in
Export	Master LC, BTB, EDF, EXP and the 120-day repatriation rule
Bond	Licence, UD / UP, coefficients, append-only ledger
VAT	Mushak 4.3, 6.1, 6.2, 6.3, 6.7, 6.8, 9.1
Labour	Labour Act 2006 overtime and leave, wage-board grades, Bangla payslips
Wages	bKash, Nagad, Rocket and bank files
Buyers	ZDHC MRSL, AQL, 4-point, needle policy, compliance gates

Configured, not customised

Menus are the same everywhere. Behaviour is yours: rates, tolerances, rules, approval levels, switches and lists are settings per company (828 keys), and statutory values are dated, so a rate change keeps history. Bangladesh defaults ship ready; the country layer is separate, so other markets can follow without touching the core. English by default, Bangla per user with one switch.

HOW IT WAS TESTED

Before the first release, every screen was walked in the browser as each of the 21 role profiles. The acceptance pass produced **195 findings: 185 fixed and 10 confirmed as intended behaviour.** The build carries 940 automated tests and an end-to-end rehearsal of the demonstration order above.

Some things can only be proved on your site: device drivers on your own equipment, production server settings, and the exact formats your bank and customs issuer require. We confirm these with you during implementation, not before.

HOW GO-LIVE WORKS

1
Configure
Company, units, roles and dated Bangladesh defaults set from the settings screens.

2
Load
Migration templates and opening-balance loaders: stock by lot and roll, open orders, receivables and payables. Every import is audited and can be rolled back.

3
Rehearse
Your people walk the user guide, role by role, on a sandbox copy with personal data masked.

4
Cut over
Cutover reconciliation proves the opening figures agree, then the unit goes live.

NETEX Apparel

See your own order *in the system.*

Book a demonstration and we will walk one order through your kind of mill, from inquiry to realisation, in about an hour.

Get a Demo

CONTACT

www.netex.global · [Contact name] · [Phone] · [Email]

NETEX Apparel sits beside NETEX Enterprise, NETEX HRM and NETEX Hospitality on netex.global.
A product of Netex Technologies Ltd. Screens show fictional demonstration data. Connectors such as WhatsApp, SMS and bank files are ready and go live with your own accounts.