STRATE
X

INDUSTRIAL ERP PLATFORM

End-to-end operations management for manufacturing, supply chain, and distribution — built for industrial scale.

27
MODULES

100%
DOUBLE-ENTRY GL

Real-time
INVENTORY

STRATE
X

INDUSTRIAL ERP PLATFORM

End-to-end operations management for manufacturing, supply chain, and distribution — built for industrial scale.

27
MODULES

100%
DOUBLE-ENTRY GL

Real-time
INVENTORY

THE PROBLEM

Industrial Operations Are Broken by Fragmentation

Disconnected Systems

Procurement, production, and finance run in separate silos. Teams spend hours reconciling spreadsheets instead of managing operations.

Blind Inventory

No real-time stock visibility across warehouses. Over-purchasing and stockouts coexist in the same facility.

Lagging Financials

Month-end close takes two weeks. P&L figures are history by the time leadership sees them.

Zero Traceability

A quality failure cannot be traced back to its raw material lot. Recalls are guesswork. Compliance audits are nightmares.

Manual Shop Floor

Production orders, BOM consumption, and efficiency tracking live on paper forms or whiteboards.

No Mobile Access

Field teams and warehouse operators are disconnected from the system when it matters most.

Industrial companies running on legacy systems or spreadsheets are losing **12–18% of revenue** to operational inefficiency. STRATEX was built to close that gap permanently.

THE PROBLEM

Industrial Operations Are Broken by Fragmentation

Disconnected Systems

Procurement, production, and finance run in separate silos. Teams spend hours reconciling spreadsheets instead of managing operations.

Blind Inventory

No real-time stock visibility across warehouses. Over-purchasing and stockouts coexist in the same facility.

Lagging Financials

Month-end close takes two weeks. P&L figures are history by the time leadership sees them.

Zero Traceability

A quality failure cannot be traced back to its raw material lot. Recalls are guesswork. Compliance audits are nightmares.

Manual Shop Floor

Production orders, BOM consumption, and efficiency tracking live on paper forms or whiteboards.

No Mobile Access

Field teams and warehouse operators are disconnected from the system when it matters most.

Industrial companies running on legacy systems or spreadsheets are losing **12–18% of revenue** to operational inefficiency. STRATEX was built to close that gap permanently.

THE SOLUTION

One Platform.

Every Operation.

STRATEX is an industrial-grade ERP that unifies every workflow — from the purchase order to the customer invoice — in a single, double-entry financial backbone. Every transaction automatically creates the corresponding general ledger entry with zero human intervention.

- **27 functional modules** — covering the complete business lifecycle
- **Real-time GL posting** — on every procurement, sale, and production event
- **Weighted-average costing** — keeping inventory valuation always current
- **Full audit trail** — immutable, timestamped, user-attributed

27 MODULES ACROSS 6 PILLARS

Operations
- — Sales Orders
- — Point of Sale
- — Branches

Supply Chain
- — Procurement
- — Warehousing
- — GRN Costing

Manufacturing
- — Production Orders
- — BOM
- — QC Gate

Finance
- — Double-Entry GL
- — AR / AP
- — P&L Real-time

Analytics
- — Dashboards
- — Traceability
- — Audit Trail

HR & Payroll
- — Employees
- — Leave
- — Payroll Run

THE SOLUTION

One Platform.

Every Operation.

STRATEX is an industrial-grade ERP that unifies every workflow — from the purchase order to the customer invoice — in a single, double-entry financial backbone. Every transaction automatically creates the corresponding general ledger entry with zero human intervention.

- **27 functional modules** — covering the complete business lifecycle
- **Real-time GL posting** — on every procurement, sale, and production event
- **Weighted-average costing** — keeping inventory valuation always current
- **Full audit trail** — immutable, timestamped, user-attributed

27 MODULES ACROSS 6 PILLARS

Operations
- — Sales Orders
- — Point of Sale
- — Branches

Supply Chain
- — Procurement
- — Warehousing
- — GRN Costing

Manufacturing
- — Production Orders
- — BOM
- — QC Gate

Finance
- — Double-Entry GL
- — AR / AP
- — P&L Real-time

Analytics
- — Dashboards
- — Traceability
- — Audit Trail

HR & Payroll
- — Employees
- — Leave
- — Payroll Run

HOW IT WORKS

End-to-End Operational Flow

Every step connects to the next — with automatic GL posting at every transaction boundary.



STEP 01

Procurement

PO → GRN → AP



STEP 02

Warehousing

Receive → Store → Pick



STEP 03

Manufacturing

BOM → Consume → Produce



STEP 04

QC Gate

Inspect → Pass → Release



STEP 05

Distribution

Pick → Pack → Dispatch



STEP 06

Sales & AR

Invoice → Post → Collect

FINANCIAL BACKBONE

Double-Entry General Ledger — Automatic at Every Step

- **GRN Posted**
  Dr Inventory 1300 / Cr AP 2100
- **Customer Payment**
  Dr Cash 1100 / Cr AR 1200
- **Delivery Dispatched**
  Dr COGS 5100 / Cr Inventory 1300
- **Production Complete**
  Dr FG Inventory / Cr WIP 1400
- **Invoice Posted**
  Dr AR 1200 / Cr Revenue 4100
- **Depreciation Run**
  Dr Dep Exp 6600 / Cr Accum Dep 1620

HOW IT WORKS

End-to-End Operational Flow

Every step connects to the next — with automatic GL posting at every transaction boundary.



STEP 01

Procurement

PO → GRN → AP



STEP 02

Warehousing

Receive → Store → Pick



STEP 03

Manufacturing

BOM → Consume → Produce



STEP 04

QC Gate

Inspect → Pass → Release



STEP 05

Distribution

Pick → Pack → Dispatch



STEP 06

Sales & AR

Invoice → Post → Collect

FINANCIAL BACKBONE

Double-Entry General Ledger — Automatic at Every Step

- **GRN Posted**
  Dr Inventory 1300 / Cr AP 2100
- **Customer Payment**
  Dr Cash 1100 / Cr AR 1200
- **Delivery Dispatched**
  Dr COGS 5100 / Cr Inventory 1300
- **Production Complete**
  Dr FG Inventory / Cr WIP 1400
- **Invoice Posted**
  Dr AR 1200 / Cr Revenue 4100
- **Depreciation Run**
  Dr Dep Exp 6600 / Cr Accum Dep 1620

MODULE 01

Procurement & Supplier Management

From purchase requisition to AP settlement, STRATEX manages the complete supplier lifecycle with locked document numbers, approval workflows, and automatic GL posting on every GRN.

- Weighted-average costing updates instantly on GRN post
- Three-way match: PO × GRN × Supplier Invoice
- Multi-currency with exchange rate management
- Partial receipts and partial payments fully tracked
- Vendor performance scoring and lead-time analytics

GL Entry on GRN Post

Dr Inventory 1300 $24,800
Cr Accounts Payable 2100 $24,800

DOCUMENT PIPELINE

01	**Purchase Request** Draft / Submitted / Approved	PR-####
02	**Purchase Order** Approved → Sent to Supplier	PO-####
03	**Goods Receipt (GRN)** Partial / Full Receipt	GRN-####
04	**Supplier Invoice** Posted → Part Paid → Paid	SINV-####
05	**AP Payment** GL: Dr AP / Cr Bank	PAY-####

3.2 days	94.1%	$0
Avg PO Cycle	On-Time Receipt	AP Overdue

MODULE 01

Procurement & Supplier Management

From purchase requisition to AP settlement, STRATEX manages the complete supplier lifecycle with locked document numbers, approval workflows, and automatic GL posting on every GRN.

- Weighted-average costing updates instantly on GRN post
- Three-way match: PO × GRN × Supplier Invoice
- Multi-currency with exchange rate management
- Partial receipts and partial payments fully tracked
- Vendor performance scoring and lead-time analytics

GL Entry on GRN Post

Dr Inventory 1300 $24,800
Cr Accounts Payable 2100 $24,800

DOCUMENT PIPELINE

01	**Purchase Request** Draft / Submitted / Approved	PR-####
02	**Purchase Order** Approved → Sent to Supplier	PO-####
03	**Goods Receipt (GRN)** Partial / Full Receipt	GRN-####
04	**Supplier Invoice** Posted → Part Paid → Paid	SINV-####
05	**AP Payment** GL: Dr AP / Cr Bank	PAY-####

3.2 days	94.1%	$0
Avg PO Cycle	On-Time Receipt	AP Overdue

MODULE 02

Warehouse & Inventory Control

Multi-Warehouse

Unlimited warehouse locations. Real-time stock balances per product per warehouse. On-hand, reserved, and available quantities tracked independently.

Weighted-Average Costing

Every stock receipt recalculates the moving average unit cost. COGS is always accurate at the moment of dispatch — no month-end allocation needed.

Reorder Intelligence

Configurable reorder points per SKU per warehouse. Low-stock alerts surface on the operations dashboard before stockouts occur.

STOCK LEDGER — LIVE

PRODUCT	ON HAND	RESERVED	AVAILABLE
HD-SOAP-OUD	4,200	800	3,400
SK-CREAM-R1	1,850	200	1,650
RAW-SHEA-25	12,000	3,000	9,000
PKG-GIFTBOX	6,500	1,200	5,300
RAW-OUD-OIL	480	480	0
SK-SERUM-C1	920	0	920

TRANSACTION TYPES

- IN — Purchase Receipt
- OUT — Sales Issue
- OUT — Production Consumption
- IN — Production Output
- MOVE — Inter-Warehouse Transfer
- IN — Customer Return
- IN/OUT — Adjustment

MODULE 02

Warehouse & Inventory Control

Multi-Warehouse

Unlimited warehouse locations. Real-time stock balances per product per warehouse. On-hand, reserved, and available quantities tracked independently.

Weighted-Average Costing

Every stock receipt recalculates the moving average unit cost. COGS is always accurate at the moment of dispatch — no month-end allocation needed.

Reorder Intelligence

Configurable reorder points per SKU per warehouse. Low-stock alerts surface on the operations dashboard before stockouts occur.

STOCK LEDGER — LIVE

PRODUCT	ON HAND	RESERVED	AVAILABLE
HD-SOAP-OUD	4,200	800	3,400
SK-CREAM-R1	1,850	200	1,650
RAW-SHEA-25	12,000	3,000	9,000
PKG-GIFTBOX	6,500	1,200	5,300
RAW-OUD-OIL	480	480	0
SK-SERUM-C1	920	0	920

TRANSACTION TYPES

- IN — Purchase Receipt
- OUT — Sales Issue
- OUT — Production Consumption
- IN — Production Output
- MOVE — Inter-Warehouse Transfer
- IN — Customer Return
- IN/OUT — Adjustment

MODULE 03

Manufacturing & Production Orders

STRATEX's shop-floor engine manages the full production lifecycle — from BOM explosion to finished goods transfer — with real-time WIP tracking and automatic costing entries.

BILL OF MATERIALS — HD-SOAP-OUD × 500 units

RAW-OLD-OIL	2.5 kg	$480 /kg	**$1,200**
RAW-SHEA-25	12 kg	$18/kg	**$216**
RAW-BASE-SOAP	80 kg	$6/kg	**$480**
PKG-WRAPPER	500 pcs	$0.40/ea	**$200**
PKG-GIFTBOX	500 pcs	$1.20/ea	**$600**
Total material cost			**$2,696**

97.4%	$41,200	98.8%
Efficiency	WIP Balance	Yield Rate

PRODUCTION ORDER LIFECYCLE

1. **Draft**
   MO created with product, qty, BOM version, scheduled date
2. **Released**
   Raw material reservation confirmed against available stock
3. **In Progress**
   BOM components consumed from warehouse; WIP balance increases
4. **Pending QC**
   Production complete; awaiting quality inspection pass
5. **Completed**
   FG transferred to finished goods inventory; GL: Dr FG / Cr WIP

MODULE 03

Manufacturing & Production Orders

STRATEX's shop-floor engine manages the full production lifecycle — from BOM explosion to finished goods transfer — with real-time WIP tracking and automatic costing entries.

BILL OF MATERIALS — HD-SOAP-OUD × 500 units

RAW-OLD-OIL	2.5 kg	$480 /kg	**$1,200**
RAW-SHEA-25	12 kg	$18/kg	**$216**
RAW-BASE-SOAP	80 kg	$6/kg	**$480**
PKG-WRAPPER	500 pcs	$0.40/ea	**$200**
PKG-GIFTBOX	500 pcs	$1.20/ea	**$600**
Total material cost			**$2,696**

97.4%	$41,200	98.8%
Efficiency	WIP Balance	Yield Rate

PRODUCTION ORDER LIFECYCLE

1. **Draft**
   MO created with product, qty, BOM version, scheduled date
2. **Released**
   Raw material reservation confirmed against available stock
3. **In Progress**
   BOM components consumed from warehouse; WIP balance increases
4. **Pending QC**
   Production complete; awaiting quality inspection pass
5. **Completed**
   FG transferred to finished goods inventory; GL: Dr FG / Cr WIP

MODULE 04

Quality Control Gate

No production batch enters finished goods inventory without passing the QC gate. Every inspection is logged with the inspector, timestamp, and individual check results.

QC CHECKLIST

- [x] Visual Inspection
  Pass / Fail
- [x] pH Level
  Numeric ± tolerance
- [x] Weight per unit
  Numeric ± tolerance
- [x] Fragrance Intensity
  1–5 scale (optional)
- [x] Packaging Integrity
  Pass / Fail
- [x] Label Accuracy
  Pass / Fail
- [x] Shelf Life Check
  Date validation

Pending QC

Batch arrives from production. Inspector assigned. Checklist generated from product QC template.

Under Inspection

Inspector records each check result. Numeric values validated against min/max tolerances.

PASS

Batch approved. FG stock updated. GL: Dr 1300 FG Inventory / Cr 1400 WIP. Lot number issued.

FAIL — Quarantine

Batch quarantined. Rework order or disposal decision required. Scrapped qty posted to P&L.

QC DASHBOARD METRICS

98.6%
First-Pass Yield
batches passed on first inspection

1.4%
Defect Rate
across all batches this quarter

47 min
Avg Inspection Time
per batch, down from 3.2 hrs

2 batches
Open Quarantine
$4,800 inventory at risk

MODULE 04

Quality Control Gate

No production batch enters finished goods inventory without passing the QC gate. Every inspection is logged with the inspector, timestamp, and individual check results.

QC CHECKLIST

- [x] Visual Inspection
  Pass / Fail
- [x] pH Level
  Numeric ± tolerance
- [x] Weight per unit
  Numeric ± tolerance
- [x] Fragrance Intensity
  1–5 scale (optional)
- [x] Packaging Integrity
  Pass / Fail
- [x] Label Accuracy
  Pass / Fail
- [x] Shelf Life Check
  Date validation

Pending QC

Batch arrives from production. Inspector assigned. Checklist generated from product QC template.

Under Inspection

Inspector records each check result. Numeric values validated against min/max tolerances.

PASS

Batch approved. FG stock updated. GL: Dr 1300 FG Inventory / Cr 1400 WIP. Lot number issued.

FAIL — Quarantine

Batch quarantined. Rework order or disposal decision required. Scrapped qty posted to P&L.

QC DASHBOARD METRICS

98.6%
First-Pass Yield
batches passed on first inspection

1.4%
Defect Rate
across all batches this quarter

47 min
Avg Inspection Time
per batch, down from 3.2 hrs

2 batches
Open Quarantine
$4,800 inventory at risk

MODULE 05

Delivery & Distribution

When a sales order is confirmed, STRATEX reserves stock and generates a delivery order automatically. Dispatching the delivery triggers the stock issue movement and posts the COGS journal entry in real time.

- Stock reserved immediately on order confirm
- Partial deliveries tracked against original order
- GL posted on dispatch: Dr COGS / Cr Inventory
- Branch-level delivery routing for 12+ locations
- Driver assignment and route tracking integration
- Return-from-customer flow with restocking logic

96.2%	4.1 hrs	0.8%
On-Time Delivery	Avg Dispatch Time	Return Rate

DELIVERY PIPELINE

Sales
Confirmed
→ Reserve Stock

Delivery
Ready to Pick
→ Pick from warehouse

Delivery
Packed
→ Assign to vehicle

Delivery
Dispatched
Dr COGS / Cr Inventory

Proof of Delivery
Delivered
→ Trigger invoice

GL Posted on Dispatch
Dr Cost of Goods Sold 5100 $18,400
Cr FG Inventory 1300 $18,400

MODULE 05

Delivery & Distribution

When a sales order is confirmed, STRATEX reserves stock and generates a delivery order automatically. Dispatching the delivery triggers the stock issue movement and posts the COGS journal entry in real time.

- Stock reserved immediately on order confirm
- Partial deliveries tracked against original order
- GL posted on dispatch: Dr COGS / Cr Inventory
- Branch-level delivery routing for 12+ locations
- Driver assignment and route tracking integration
- Return-from-customer flow with restocking logic

96.2%	4.1 hrs	0.8%
On-Time Delivery	Avg Dispatch Time	Return Rate

DELIVERY PIPELINE

Sales
Confirmed
→ Reserve Stock

Delivery
Ready to Pick
→ Pick from warehouse

Delivery
Packed
→ Assign to vehicle

Delivery
Dispatched
Dr COGS / Cr Inventory

Proof of Delivery
Delivered
→ Trigger invoice

GL Posted on Dispatch
Dr Cost of Goods Sold 5100 $18,400
Cr FG Inventory 1300 $18,400

MODULE 06

Sales Channels & Revenue Flow

B2B Direct Sales 58%

Wholesale accounts, corporate buyers, long-term supply agreements

Point of Sale 24%

Branch retail terminals with session-based GL reconciliation

Distribution Partners 12%

Authorised regional distributors with consignment tracking

E-Commerce 6%

Integrated online store with real-time inventory sync

SALES ORDER LIFECYCLE

Quotation	No GL entry
Confirmed Order	Reserve stock
Delivery Dispatched	Dr COGS / Cr Inventory
Invoice Posted	Dr AR 1200 / Cr Revenue 4100
Payment Received	Dr Cash 1100 / Cr AR 1200

$842,600	Revenue MTD
$124,300	Open AR
47	Orders In Pipeline
$18,900	Avg Order Value

MODULE 06

Sales Channels & Revenue Flow

B2B Direct Sales 58%

Wholesale accounts, corporate buyers, long-term supply agreements

Point of Sale 24%

Branch retail terminals with session-based GL reconciliation

Distribution Partners 12%

Authorised regional distributors with consignment tracking

E-Commerce 6%

Integrated online store with real-time inventory sync

SALES ORDER LIFECYCLE

Quotation	No GL entry
Confirmed Order	Reserve stock
Delivery Dispatched	Dr COGS / Cr Inventory
Invoice Posted	Dr AR 1200 / Cr Revenue 4100
Payment Received	Dr Cash 1100 / Cr AR 1200

$842,600	Revenue MTD
$124,300	Open AR
47	Orders In Pipeline
$18,900	Avg Order Value

MODULE 07

Finance & General Ledger

Every transaction across all 27 modules posts a validated double-entry journal entry. Debits must equal credits — the system rejects any imbalance. The trial balance, P&L, and balance sheet are always current.

Chart of Accounts
50+ accounts organised by class: assets, liabilities, equity, revenue, COGS, and expenses. Fully configurable hierarchy.

AR / AP Aging
Real-time receivables and payables aging buckets: 0–30, 31–60, 61–90, 90+ days. Zero manual reconciliation.

Bank Reconciliation
Multi-account cash & bank module. Deposits, withdrawals, and transfers all post to GL automatically.

P&L STATEMENT — YTD

Auto-generated from GL

Revenue	4,218,400
Cost of Goods Sold	(2,104,200)
Gross Profit	**2,114,200**
Operating Expenses	
Salaries & Wages	(486,000)
Manufacturing Overhead	(124,800)
Marketing & Distribution	(98,400)
Depreciation	(42,600)
EBITDA	**1,362,400**

TRIAL BALANCE — LIVE

ACCOUNT	CODE	DEBIT	CREDIT
Cash & Bank	1100	924,800	—
Accounts Receivable	1200	124,300	—
Inventory	1300	842,600	—
Accounts Payable	2100	—	186,400
Revenue	4100	—	4,218,400
COGS	5100	2,104,200	—

MODULE 07

Finance & General Ledger

Every transaction across all 27 modules posts a validated double-entry journal entry. Debits must equal credits — the system rejects any imbalance. The trial balance, P&L, and balance sheet are always current.

Chart of Accounts
50+ accounts organised by class: assets, liabilities, equity, revenue, COGS, and expenses. Fully configurable hierarchy.

AR / AP Aging
Real-time receivables and payables aging buckets: 0–30, 31–60, 61–90, 90+ days. Zero manual reconciliation.

Bank Reconciliation
Multi-account cash & bank module. Deposits, withdrawals, and transfers all post to GL automatically.

P&L STATEMENT — YTD

Auto-generated from GL

Revenue	4,218,400
Cost of Goods Sold	(2,104,200)
Gross Profit	**2,114,200**
Operating Expenses	
Salaries & Wages	(486,000)
Manufacturing Overhead	(124,800)
Marketing & Distribution	(98,400)
Depreciation	(42,600)
EBITDA	**1,362,400**

TRIAL BALANCE — LIVE

ACCOUNT	CODE	DEBIT	CREDIT
Cash & Bank	1100	924,800	—
Accounts Receivable	1200	124,300	—
Inventory	1300	842,600	—
Accounts Payable	2100	—	186,400
Revenue	4100	—	4,218,400
COGS	5100	2,104,200	—

MODULE 08

Lot Traceability & Audit Trail

Full forward and backward traceability from raw material receipt through to customer delivery. Regulatory recalls take minutes, not weeks.

TRACE: LOT RAW-OUD-2024-081

- **GRN Receipt** GRN-0148
  Received 50 kg from Supplier: Al Khaleej Aromatics
- **Quality Check** QC-0312
  Passed — purity 99.2%, moisture 0.4%. Inspector: Fatima A.
- **Warehouse Storage** WH-LOC-A12
  Bin A-12, Raw Materials Warehouse, Temp: 18°C
- **Production Consumption** MO-0089
  22 kg consumed into HD-SOAP-OUD × 4,400 units
- **QC — Finished Goods** QC-0318
  Batch BATCH-2024-221 passed. Yield: 98.6%
- **Customer Delivery** DEL-0421
  480 units shipped to Luxury Hotels Group — Riyadh

AUDIT LOG — IMMUTABLE

Read-only

2024-11-18 14:32:11	POST sales_invoice	INV-0421 posted — $48,200 Dr AR admin
2024-11-18 14:31:44	POST delivery	DEL-0421 dispatched — 480 units ss_mgr
2024-11-18 09:12:06	UPDATE production_order	MO-0089 status → completed prod_super
2024-11-18 08:44:22	POST qc_inspection	QC-0318 passed — BATCH-2024-221 qc_inspector
2024-11-17 16:02:55	POST grn	GRN-0148 posted — 50 kg OUD oil by: warehouse

< 4 min
Recall Response Time

2.4M+
Audit Records

MODULE 08

Lot Traceability & Audit Trail

Full forward and backward traceability from raw material receipt through to customer delivery. Regulatory recalls take minutes, not weeks.

TRACE: LOT RAW-OUD-2024-081

- **GRN Receipt** GRN-0148
  Received 50 kg from Supplier: Al Khaleej Aromatics
- **Quality Check** QC-0312
  Passed — purity 99.2%, moisture 0.4%. Inspector: Fatima A.
- **Warehouse Storage** WH-LOC-A12
  Bin A-12, Raw Materials Warehouse, Temp: 18°C
- **Production Consumption** MO-0089
  22 kg consumed into HD-SOAP-OUD × 4,400 units
- **QC — Finished Goods** QC-0318
  Batch BATCH-2024-221 passed. Yield: 98.6%
- **Customer Delivery** DEL-0421
  480 units shipped to Luxury Hotels Group — Riyadh

AUDIT LOG — IMMUTABLE

Read-only

2024-11-18 14:32:11	POST sales_invoice	INV-0421 posted — $48,200 Dr AR admin
2024-11-18 14:31:44	POST delivery	DEL-0421 dispatched — 480 units ss_mgr
2024-11-18 09:12:06	UPDATE production_order	MO-0089 status → completed oper
2024-11-18 08:44:22	POST qc_inspection	QC-0318 passed — BATCH-2024-221 qc_inspector
2024-11-17 16:02:55	POST grn	GRN-0148 posted — 50 kg OUD oil by: warehouse

< 4 min
Recall Response Time

2.4M+
Audit Records

MOBILE PLATFORM

Fully Operational

On Any Device

STRATEX is built as a responsive web application — every screen from purchase orders to production approvals works on mobile without a separate app installation.

Warehouse Receiving

Scan barcodes, confirm GRNs, and update stock counts from the warehouse floor.

Production Supervisor

Release orders, track BOM consumption, and approve QC inspection results on-site.

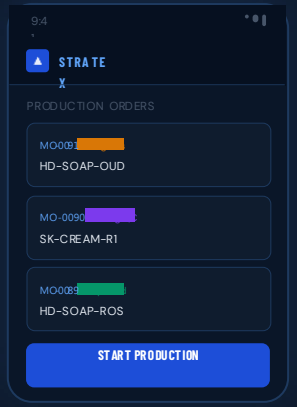
Sales Executive

Create quotations, confirm orders, and check customer account status in the field.

Finance Approvals

Approve expense claims and purchase orders from anywhere with full GL visibility.

- Progressive Web App — installable, works offline for read operations
- Touch-optimised UI — all action buttons sized for mobile interaction
- Camera integration — barcode scanning for inventory and receiving
- Push notifications — approval requests, stock alerts, order status



MOBILE PLATFORM

Fully Operational

On Any Device

STRATEX is built as a responsive web application — every screen from purchase orders to production approvals works on mobile without a separate app installation.

Warehouse Receiving

Scan barcodes, confirm GRNs, and update stock counts from the warehouse floor.

Production Supervisor

Release orders, track BOM consumption, and approve QC inspection results on-site.

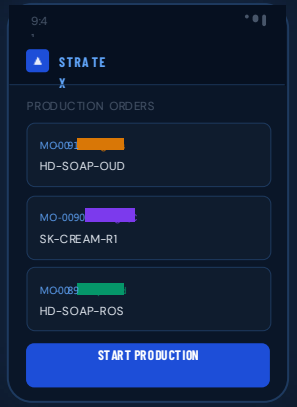
Sales Executive

Create quotations, confirm orders, and check customer account status in the field.

Finance Approvals

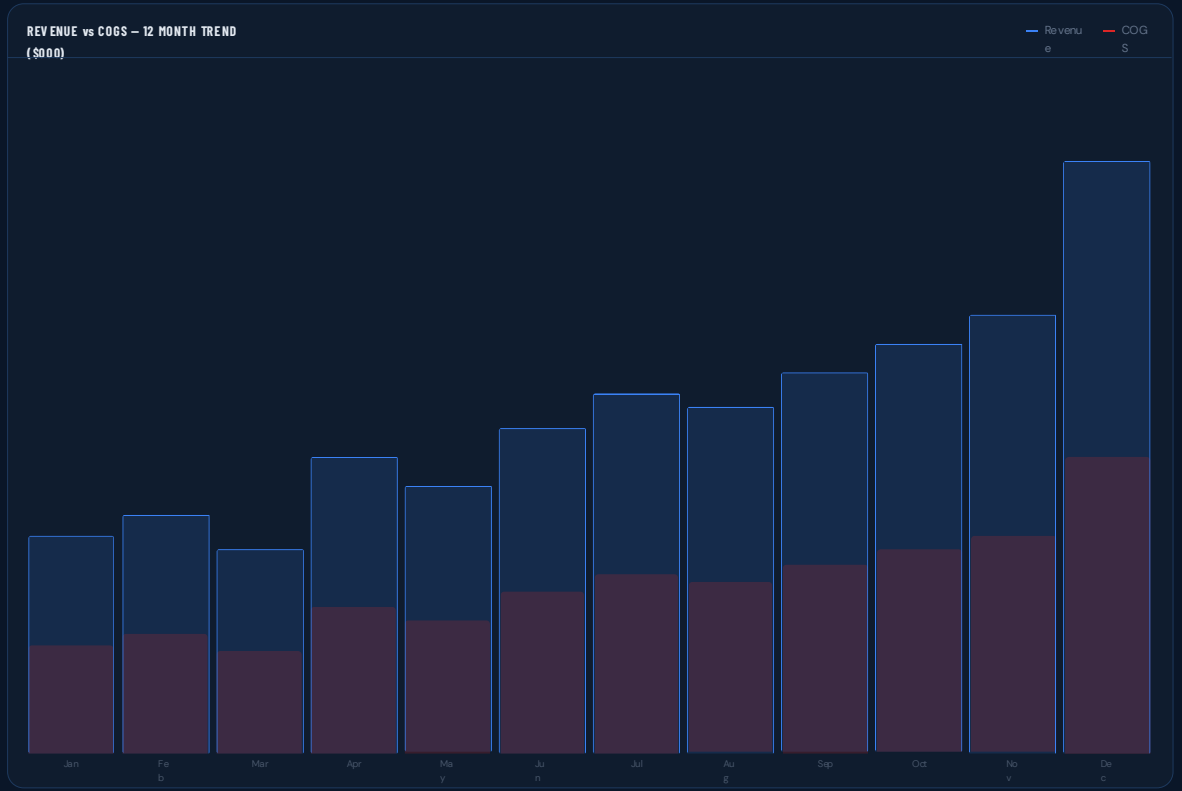
Approve expense claims and purchase orders from anywhere with full GL visibility.

- Progressive Web App — installable, works offline for read operations
- Touch-optimised UI — all action buttons sized for mobile interaction
- Camera integration — barcode scanning for inventory and receiving
- Push notifications — approval requests, stock alerts, order status



MODULE 09

Analytics & Executive Dashboards



Revenue YTD

$5.4M

+22.4% vs prior year

Gross Margin

50.1%

+1.8pp vs prior year

Inventory Turnover

8.2x

+0.9x vs prior year

Cash Cycle Days

34

−8 days vs prior year

Branch Performance

Revenue vs target for each of 12 branches. Heatmap view highlights underperformers in real time.

Production Efficiency

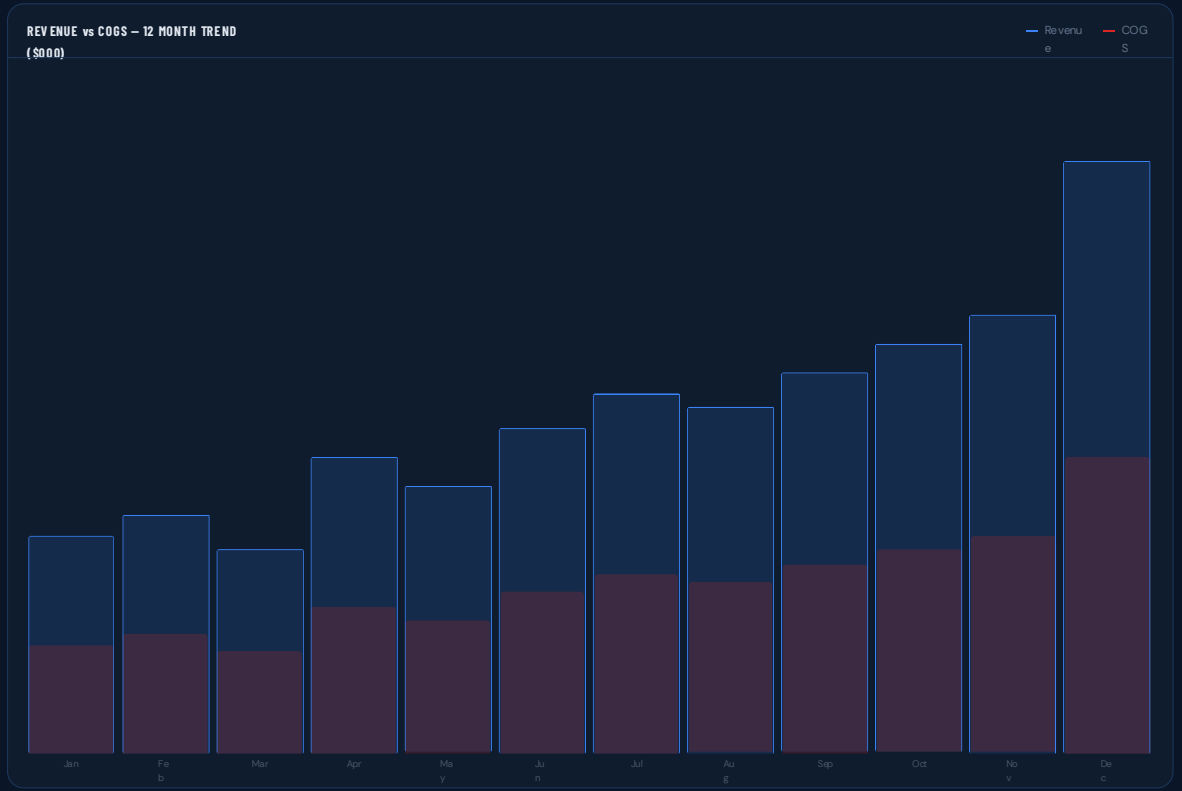
Actual vs planned output per production order. BOM variance tracked at component level.

Inventory Valuation

Stock value by warehouse, by category. Turnover rate and days-on-hand for every SKU.

MODULE 09

Analytics & Executive Dashboards



Revenue YTD

$5.4M

+22.4% vs prior year

Gross Margin

50.1%

+1.8pp vs prior year

Inventory Turnover

8.2x

+0.9x vs prior year

Cash Cycle Days

34

−8 days vs prior year

Branch Performance

Revenue vs target for each of 12 branches. Heatmap view highlights underperformers in real time.

Production Efficiency

Actual vs planned output per production order. BOM variance tracked at component level.

Inventory Valuation

Stock value by warehouse, by category. Turnover rate and days-on-hand for every SKU.

WHY STRATEX

Built for Industrial Reality

Generic ERP systems are designed for distribution. Legacy industrial systems are designed for the 1990s. STRATEX is the first platform that combines a genuine manufacturing engine with real-time double-entry accounting — purpose-built for the way industrial companies actually operate.

6–12 weeks typical implementation timeline

$0 per-user or per-module license fee

100% source code ownership by client

	STRATEX	Legacy MES	Generic ERP
Double-Entry GL on Every Transaction	✓	✗	✗
Industrial BOM & Production Orders	✓	✓	✗
Lot Traceability Forward & Backward	✓	✗	✗
Weighted-Average Costing Real-Time	✓	✗	✗
Mobile-First Responsive UI	✓	✗	✓
QC Gate Before Inventory Transfer	✓	✗	✗
Immutable Audit Trail	✓	✗	✗
Full Source Code Access	✓	✗	✗
No Per-User License Fees	✓	✗	✗

WHY STRATEX

Built for Industrial Reality

Generic ERP systems are designed for distribution. Legacy industrial systems are designed for the 1990s. STRATEX is the first platform that combines a genuine manufacturing engine with real-time double-entry accounting — purpose-built for the way industrial companies actually operate.

6–12 weeks typical implementation timeline

$0 per-user or per-module license fee

100% source code ownership by client

	STRATEX	Legacy MES	Generic ERP
Double-Entry GL on Every Transaction	✓	✗	✗
Industrial BOM & Production Orders	✓	✓	✗
Lot Traceability Forward & Backward	✓	✗	✗
Weighted-Average Costing Real-Time	✓	✗	✗
Mobile-First Responsive UI	✓	✗	✓
QC Gate Before Inventory Transfer	✓	✗	✗
Immutable Audit Trail	✓	✗	✗
Full Source Code Access	✓	✗	✗
No Per-User License Fees	✓	✗	✗

IMPLEMENTATION

Deployment & Go-Live Plan

1

Weeks 1–2 **Discovery & Setup**

- Requirements workshop with each department
- Server provisioning and environment configuration
- Admin account creation
- Roles and permissions mapping

2

Weeks 3–5 **Data Migration**

- Opening stock upload and validation
- Customer and supplier master data import
- Product catalog and BOM configuration
- Historical GL opening balances

3

Weeks 6–8 **Training & UAT**

- Role-based training sessions (4 hrs each)
- User acceptance testing with real transactions
- Finance team trial balance reconciliation
- Production supervisor shop-floor walk-through

4

Weeks 9–10 **Go-Live & Support**

- Parallel run with legacy system
- Cut-over to STRATEX as system of record
- 30-day hypercare with dedicated support
- Monthly review and optimisation calls

DEPLOYMENT OPTIONS

☁ **Cloud-Hosted (SaaS)**

Managed on AWS or Azure. Auto-scaling, automated backups, 99.9% SLA. Recommended for most deployments.

🖥 **On-Premise**

Full installation on client servers. Air-gapped environments supported. Full data sovereignty.

⚡ **Hybrid**

Core on-premise with cloud analytics and mobile gateway. Suitable for regulated industries.

TECH STACK

FRONTEND React 19 + Vite + Tailwind CSS	API Node.js + Express 5
DATABASE PostgreSQL + Drizzle ORM	AUTH Session-based with RBAC
VALIDATION Zod end-to-end	DEPLOYMENT Docker / systemd

IMPLEMENTATION

Deployment & Go-Live Plan

1

Weeks 1–2 **Discovery & Setup**

- Requirements workshop with each department
- Server provisioning and environment configuration
- Admin account creation
- Roles and permissions mapping

2

Weeks 3–5 **Data Migration**

- Opening stock upload and validation
- Customer and supplier master data import
- Product catalog and BOM configuration
- Historical GL opening balances

3

Weeks 6–8 **Training & UAT**

- Role-based training sessions (4 hrs each)
- User acceptance testing with real transactions
- Finance team trial balance reconciliation
- Production supervisor shop-floor walk-through

4

Weeks 9–10 **Go-Live & Support**

- Parallel run with legacy system
- Cut-over to STRATEX as system of record
- 30-day hypercare with dedicated support
- Monthly review and optimisation calls

DEPLOYMENT OPTIONS

☁ **Cloud-Hosted (SaaS)**

Managed on AWS or Azure. Auto-scaling, automated backups, 99.9% SLA. Recommended for most deployments.

🖥 **On-Premise**

Full installation on client servers. Air-gapped environments supported. Full data sovereignty.

⚡ **Hybrid**

Core on-premise with cloud analytics and mobile gateway. Suitable for regulated industries.

TECH STACK

FRONTEND React 19 + Vite + Tailwind CSS	API Node.js + Express 5
DATABASE PostgreSQL + Drizzle ORM	AUTH Session-based with RBAC
VALIDATION Zod end-to-end	DEPLOYMENT Docker / systemd

STRATE
X

Ready to Modernise Your Operations?

Let us walk you through a live demo using your own product catalogue and operational structure. See real-time GL posting, inventory movements, and production tracking — all in one session.

REQUEST A DEMO

DOWNLOAD DATASHEET

EMAIL
sales@stratex-erp.com

WEB
www.stratex-erp.com

LINKEDIN
/company/stratex-erp

27 modules · Double-entry GL · Industrial-grade traceability

STRATE
X

Ready to Modernise Your Operations?

Let us walk you through a live demo using your own product catalogue and operational structure. See real-time GL posting, inventory movements, and production tracking — all in one session.

REQUEST A DEMO

DOWNLOAD DATASHEET

EMAIL
sales@stratex-erp.com

WEB
www.stratex-erp.com

LINKEDIN
/company/stratex-erp

27 modules · Double-entry GL · Industrial-grade traceability