



Aziz Saif

I SHIP AI FOR GULF SMES · DUBAI, UAE

PROPOSAL · ENTERPRISE RESOURCE PLANNING

A custom ERP, built for how you actually *work*.

91 screens across 11 modules. One database. Your data, your code, a flat monthly cost that does not grow with your headcount.

PREPARED FOR

[Client name]

PREPARED BY

Aziz Saif

DATE

2026-08-20

REVISION

1.0

AZIZ@AZIZSAIF.COM

+971 55 649 2370

AZIZSAIF.COM

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A note on the live demo

This proposal is accompanied by a working demonstration, not a slide deck of mock-ups. 43 of the 91 screens described here are clickable today: you can filter a table, open a record, switch between six user roles and watch the permissions change, upload a spreadsheet, and download a PDF. Everything in section 7 of this document can be verified by using it.

1 • Executive summary

You are being asked to choose between renting an ERP for ever and owning one outright. This proposal covers the second option: a system built to your process, on standard technology, that costs the same whether five people use it or fifty.

91

SCREENS SPECIFIED

Across 11 modules, each with its purpose, data and users documented in section 4.

43

IN THE PHASE-1 MVP

Weeks 1–8. The smallest system that can run the business end to end.

~\$134

MONTHLY
INFRASTRUCTURE

At 10–30 users. Flat — the 31st user costs nothing extra.

16

WEEKS TO FULL
DELIVERY

Including migration, a parallel run and a security review.

The commercial argument in one paragraph

Packaged ERP is priced per seat; a system you own is priced per server. At five users, buying Odoo or Zoho is genuinely cheaper and you should do it. At twenty-five users you would pay roughly **\$9,300 a year** to Odoo, **\$11,100** to Zoho One or **\$27,300** to SAP Business One — for software you cannot change and do not own. The same twenty-five users on your own system cost about **\$1,600 a year** in infrastructure. The build pays for itself somewhere between year one and year three, and after that the gap compounds.

What you actually get

- ✓ **One database, not five spreadsheets.** Clients, inventory, purchasing, invoicing, finance, people and projects in a single system where the numbers reconcile because they come from the same place.
- ✓ **Your existing data, in on day one.** A CSV, Excel and PDF import pipeline that maps columns automatically, validates every row and refuses to write bad data — because if your team cannot get their spreadsheets in, they keep the spreadsheets.
- ✓ **Permissions that hold.** Roles enforced in the database rather than hidden in the interface, so a masked salary or cost price never reaches an export, an API call or a screenshot.
- ✓ **An audit trail nobody can edit.** Written by database trigger, insert-only for every application role including the owner's, kept for seven years.
- ✓ **Compliance built in, not bolted on.** Per-line VAT at 5%, gapless invoice numbering, a WPS payroll file the bank will accept, and visa and document expiry alerts.
- ✓ **The code and the data.** Both yours. Standard PostgreSQL and standard TypeScript, so any competent developer can pick it up.

What we recommend you do not do

Do not build all 91 screens before going live. Phase 1 is deliberately the smallest thing that can run the business: take an order, hold stock, buy more, invoice it, get paid, see the number. Everything else waits until people are using the first version and telling you what is actually missing — which is never quite what the requirements document said.

2 · Scope of the system

91 screens, 11 modules, three delivery phases. This table is the contractual scope; section 4 documents each screen individually.

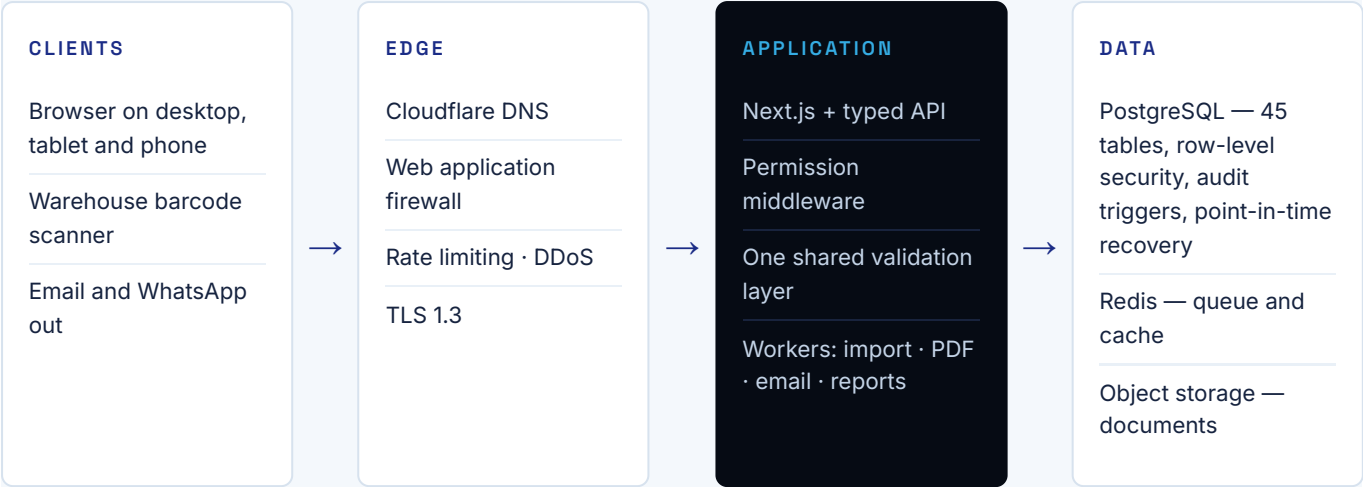
MODULE	SCREENS	PHASE 1	PHASE 2	PHASE 3	WHAT IT COVERS
Core & access	8	6	2	0	Sign-in, security challenge, company setup, dashboards, search and notifications
Clients & CRM	8	3	4	1	The customer master, contacts, opportunity pipeline, statements and credit control
Sales	10	8	2	0	Quotation through order, delivery, tax invoice, credit note, receipt and receivables ageing
Inventory	11	6	4	1	Item master, stock by location, the movement ledger, transfers, counts and reorder alerts
Purchasing	8	5	3	0	Suppliers, requests, purchase orders, goods receipt, bills, three-way match and payables
Finance	10	3	5	2	Chart of accounts, journals, banking, expenses, VAT, and the three statutory statements
People	8	0	5	3	Employee records and documents, attendance, leave, payroll, WPS and expiry alerts
Vessels & Jobs	11	3	7	1	
Data in / out	5	4	1	0	The import wizard, field mapping, error queue, export centre and scheduled reports
Admin & security	8	4	3	1	Users, the permission matrix, audit trail, approvals, documents, backup and settings
Reporting	4	1	1	2	The standing report library, dashboards, a report builder and the alert engine
Total	91	43	37	11	Phase 1 = weeks 1-8 · Phase 2 = weeks 9-16 · Phase 3 = after go-live

Screen count is not the same as effort

Around forty of these are the same screen with different columns — a list, a filter bar, a detail panel, a form. That pattern is built once and the rest are generated from the database schema, which collapses 91 screens into roughly fifteen genuinely distinct pieces of work. The ones that actually consume time are the invoice builder, the goods-receipt posting, the payroll run, the import wizard and the VAT schedule. The estimate in section 9 is built on that basis, not on multiplying 91 by a day rate.

3 · Architecture

Nothing exotic. Every choice below is deliberately boring, widely hired for, and something you can walk away from — which matters more over ten years than any benchmark.



The one architectural rule that matters

Validation lives in exactly one place, next to the schema. A value typed into a form, pasted in from Excel or pushed through the API passes through the same rules. The moment there are two definitions of what a valid invoice looks like, the data starts to drift — and every ERP that has gone bad, went bad precisely there.

The full technology stack

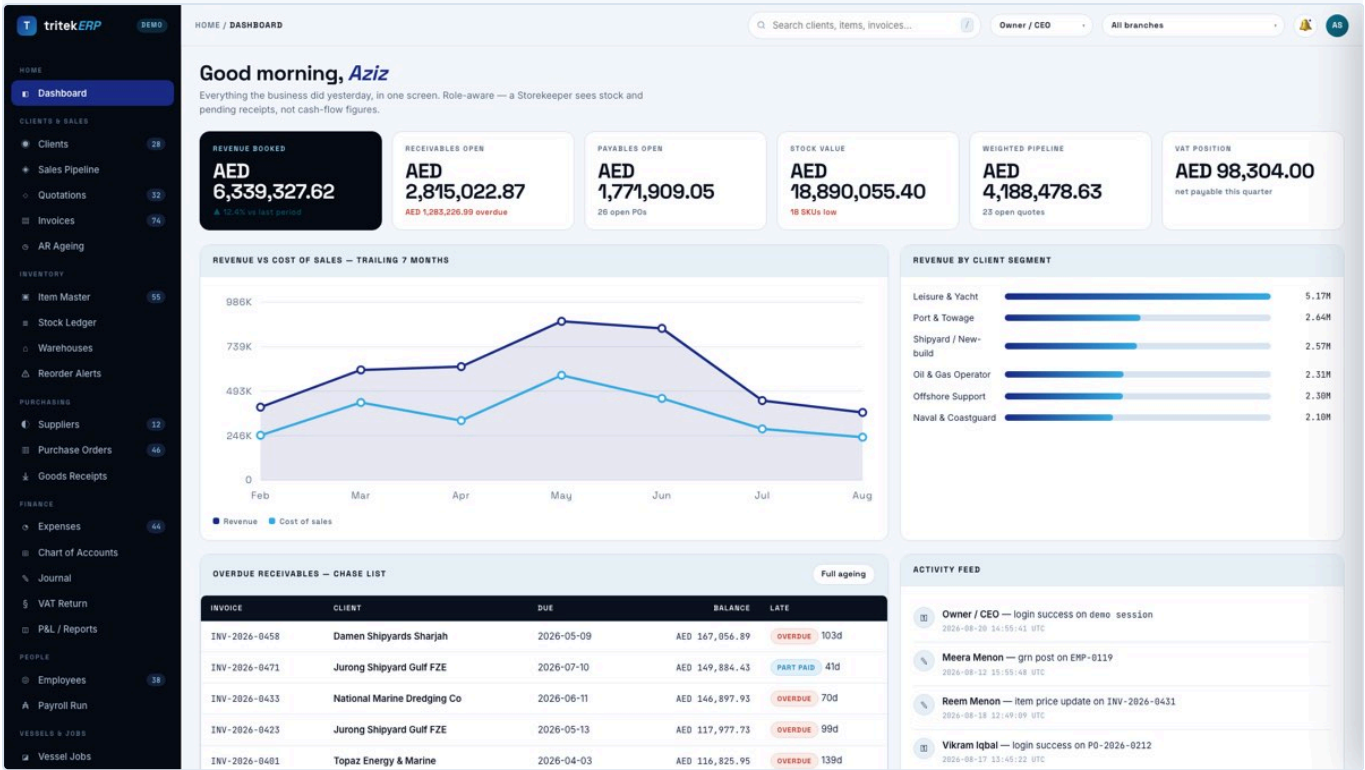
LAYER	CHOICE	WHY THIS ONE
Front end	Next.js 15 · React 19 · TypeScript	Server components keep large tables fast; one language front to back; the largest hiring pool of any framework.
UI kit	Tailwind CSS · shadcn/ui · TanStack Table	You own the component code rather than renting a design system. Handles 50,000-row grids with sorting and filtering.
API	tRPC (typed) with a REST surface for integrations	Renaming a field becomes a compile error instead of a runtime failure discovered by a user.
Schema & migrations	Prisma or Drizzle with versioned SQL	The schema is the contract. Migrations are reviewed like code, run in CI, never applied by hand to production.
Database	PostgreSQL 16	Real transactions — mandatory for double entry. Row-level security, JSONB for custom fields, full-text search included.
Cache & queue	Redis with BullMQ	Imports, PDF generation, email and scheduled reports run off the request cycle, so a 12,000-row file never times out a browser.
File storage	S3-compatible object storage	Invoices, receipts and staff documents behind signed URLs that expire in minutes. Never in the database, never public.

LAYER	CHOICE	WHY THIS ONE
Authentication	Managed auth with TOTP MFA, SSO-ready	Session handling is never worth building yourself. Google Workspace SSO the day you exceed ten staff.
File parsing	PapaParse · SheetJS/ExcelJS · pdf-parse	Server-side and streamed, so memory use stays flat regardless of file size.
Document AI	Claude API or AWS Textract	Only for scans with no text layer. Returns a confidence score per field; anything below the gate stops for a human.
PDF output	Puppeteer, server-side	An invoice looks identical whether emailed by a scheduled job or printed from a phone.
Email & messaging	Resend or SES · WhatsApp Business API	Invoice delivery, statement runs, approval requests and expiry alerts.
Observability	Sentry · structured logging · uptime checks	You want to hear about a failed goods-receipt posting from an alert, not from your storekeeper three days later.
CI/CD	GitHub Actions	Typecheck, lint, tests and a migration dry-run against a copy of production before anything deploys.
Testing	Vitest (unit) · Playwright (end to end)	Accounting logic gets known-answer fixtures. The critical click-paths get browser tests.
Edge & WAF	Cloudflare	DNS, web application firewall, rate limiting and DDoS protection in front of everything.

4 · The system, screen by screen

Captured from the working demonstration, not drawn as mock-ups. Every screen below is clickable today at the demo address on the cover — you can filter these tables, open these records, switch roles and watch the columns change, upload a spreadsheet and download the result.

01 Dashboard



Everything the business did yesterday on one screen. The tiles are role-aware: a storekeeper opens on stock levels and pending receipts rather than cash-flow figures they will learn to ignore.

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CLIENTS & SALES / CLIENTS

Search clients, items, invoices...

Owner / CEO

All branches

45

Clients

The master customer record — everything else in the ERP points back to a row on this screen.

New client

CSV

Excel

PDF

Search clients...

Status: all

Segment: all

Emirate: all

28 of 28 rows

CODE	CLIENT	SEGMENT	EMIRATE	TERMS	CREDIT LIMIT	BALANCE	REVENUE YTD	STATUS
CL-1001	P&O Maritime Logistics	Offshore Support	Ras Al Khaimah	Advance	AED 30,000.00	AED 32,122.67	AED 140,739.27	ON HOLD
CL-1002	Gulf Craft Shipyard LLC	Oil & Gas Operator	Ras Al Khaimah	Net 15	AED 150,000.00	AED 140,486.06	AED 36,574.09	PROSPECT
CL-1003	Emirates Marine Services FZE	Leisure & Yacht	Abu Dhabi	Advance	AED 15,000.00	AED 13,994.15	AED 875,439.68	ACTIVE
CL-1004	Al Jaber Marine Contracting	Shipyard / New-build	Abu Dhabi	Advance	AED 30,000.00	AED 17,349.13	AED 1,070,452.85	ACTIVE
CL-1005	Drydocks World Dubai	Leisure & Yacht	Sharjah	Net 60	AED 30,000.00	AED 10,276.75	AED 949,906.55	PROSPECT
CL-1006	Abu Dhabi Ports Marine	Port & Towage	Fujairah	Net 45	AED 100,000.00	AED 92,401.90	AED 608,197.70	ACTIVE
CL-1007	Halul Offshore Services	Offshore Support	Dubai	Net 60	AED 150,000.00	AED 61,440.31	AED 847,470.49	ACTIVE
CL-1008	National Marine Dredging Co	Oil & Gas Operator	Ras Al Khaimah	Advance	AED 100,000.00	AED 48,428.63	AED 164,253.07	ACTIVE
CL-1009	Zamil Offshore Services	Shipyard / New-build	Ajman	Net 60	AED 30,000.00	AED 26,717.22	AED 651,269.59	DORMANT
CL-1010	Adnoc Logistics & Services	Leisure & Yacht	Ras Al Khaimah	Advance	AED 0.00	AED 18,152.52	AED 1,074,977.52	ACTIVE
CL-1011	Grandweld Shipyards LLC	Ferry & Passenger	Ajman	Net 15	AED 0.00	AED 18,687.01	AED 676,573.53	DORMANT
CL-1012	Topaz Energy & Marine	Leisure & Yacht	Ajman	Net 30	AED 100,000.00	AED 60,360.05	AED 609,113.91	PROSPECT
CL-1013	Seatrade Marine DMCC	Ferry & Passenger	Fujairah	Net 60	AED 30,000.00	AED 21,216.72	AED 847,147.41	ACTIVE
CL-1014	Fujairah Port Towage	Shipyard / New-build	Abu Dhabi	Net 60	AED 15,000.00	AED 3,632.75	AED 634,430.23	DORMANT
CL-1015	Arabian Gulf Mechanical Services	Oil & Gas Operator	Dubai	Net 15	AED 100,000.00	AED 64,373.42	AED 66,663.96	DORMANT

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CLIENTS & SALES / SALES PIPELINE

Search clients, items, invoices...

Owner / CEO

All branches

45

Sales pipeline

Every open opportunity by stage. Weighted value = deal value × probability.

OPEN PIPELINE

AED 7,429,283.11

WEIGHTED FORECAST

AED 4,188,478.63

WON THIS PERIOD

AED 2,893,451.56

AVERAGE DEAL

AED 322,585.46

LEAD	3 - 894K	QUALIFIED	8 - 2.01M	QUOTED	7 - 3.17M	NEGOTIATION	6 - 1.36M	WON	9 - 2.89M
Drydocks World Dubai Kitchen equipment AED 311,829.34 · 75%	Alpha Marine Support Maintenance AMC AED 249,600.75 · 40%	Jurong Shipyard Gulf Site installation AED 378,353.05 · 98%	Halul Offshore Services Annual supply contract AED 145,179.14 · 25%	Grandweld Shipyards LLC Retail shelving AED 423,746.60 · 90%					
Alpha Marine Support Site installation AED 387,759.12 · 90%	Emirates Marine Services Signage rollout AED 209,229.00 · 25%	Topaz Energy & Signage rollout AED 632,250.83 · 60%	Fujairah Port Towage Site installation AED 485,382.13 · 60%	Drydocks World Dubai Signage rollout AED 484,196.44 · 10%					
Adnoc Logistics & Retail shelving AED 195,384.46 · 60%	Jurong Shipyard Gulf Maintenance AMC AED 43,428.53 · 25%	Adnoc Logistics & Kitchen equipment AED 574,769.78 · 60%	Adnoc Logistics & Fit-out package AED 70,667.42 · 60%	P&O Maritime Logistics Packaging supply AED 582,168.49 · 75%					
	Al Jaber Marine Annual supply contract AED 550,614.66 · 40%	Al Marwan Marine Retail shelving AED 536,396.11 · 75%	National Marine Dredging Kitchen equipment AED 425,141.67 · 40%	Adnoc Logistics & Maintenance AMC AED 185,550.22 · 25%					
	Khalid Bin Sultan Maintenance AMC AED 277,074.71 · 25%	P&O Maritime Logistics Retail shelving AED 426,089.26 · 60%	Zamil Offshore Services Site installation AED 231,785.41 · 60%	Jurong Shipyard Gulf Annual supply contract AED 46,375.45 · 40%					
	Halul Offshore Services Signage rollout AED 102,498.96 · 75%	Gulf Navigation Holding Maintenance AMC AED 495,703.84 · 10%		Gulf Navigation Holding Fit-out package AED 342,783.67 · 40%					
	Fujairah Port Towage Maintenance AMC AED 243,063.86 · 60%	Halul Offshore Services Annual supply contract AED 124,977.37 · 90%		Horizon Offshore Vessels Kitchen equipment AED 220,050.67 · 75%					
	Ocean Star Shipping Annual supply contract			Gulf Navigation Holding Packaging supply					

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04 Quotations

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Vessel Jobs

CLIENTS & SALES / QUOTATIONS

Search clients, items, invoices...

Owner / CEO

All branches

45

Quotations

Quote out, convert to sales order, convert to invoice — one record, three states.

New quotation

CSV

Excel

PDF

Search quotations...

Stage: all

32 of 32 rows

QUOTE #	CLIENT	SCOPE	STAGE	VALUE	PROB.	RAISED	VALID TO	OWNER
QT-2026-0300	Drydocks World Dubai	Kitchen equipment	LEAD	AED 311,029.34	75%	2026-07-18	2026-08-25	Reem Iqbal
QT-2026-0301	Alpha Marine Support FZE	Maintenance AMC	QUALIFIED	AED 249,600.75	40%	2026-07-22	2026-08-20	Huda Menon
QT-2026-0302	Alpha Marine Support FZE	Site installation	LEAD	AED 387,759.12	90%	2026-06-10	2026-08-18	Huda Menon
QT-2026-0303	Grandweld Shipyards LLC	Retail shelving	WON	AED 423,746.60	90%	2026-07-17	2026-09-07	Bilal Rahman
QT-2026-0304	Halul Offshore Services	Annual supply contract	NEGOTIATION	AED 145,179.14	25%	2026-07-24	2026-09-17	Mohammed Bhatia
QT-2026-0305	Jurong Shipyard Gulf FZE	Site installation	QUOTED	AED 378,353.05	90%	2026-05-23	2026-09-29	Rahul Sharma
QT-2026-0306	Drydocks World Dubai	Signage rollout	WON	AED 484,194.44	10%	2026-08-07	2026-09-05	Reem Iqbal
QT-2026-0307	P&O Maritime Logistics	Packaging supply	WON	AED 582,168.49	75%	2026-07-03	2026-10-02	Meera Khan
QT-2026-0308	Fujairah Port Towage	Site installation	NEGOTIATION	AED 485,382.13	60%	2026-06-19	2026-09-29	Imran Sharma
QT-2026-0309	Emirates Marine Services FZE	Signage rollout	QUALIFIED	AED 209,229.00	25%	2026-06-02	2026-08-26	Karan Sharma
QT-2026-0310	Jurong Shipyard Gulf FZE	Maintenance AMC	QUALIFIED	AED 43,428.53	25%	2026-07-10	2026-08-26	Rahul Sharma
QT-2026-0311	Topaz Energy & Marine	Signage rollout	QUOTED	AED 632,250.83	60%	2026-05-27	2026-09-10	Vikram Qureshi
QT-2026-0312	Adnoc Logistics & Services	Fit-out package	NEGOTIATION	AED 70,667.42	60%	2026-08-03	2026-08-14	Priya Menon
QT-2026-0313	Al Jaber Marine Contracting	Annual supply contract	QUALIFIED	AED 550,614.66	40%	2026-06-29	2026-09-09	Sara Rahman
QT-2026-0314	Khalid Bin Sultan Marine	Maintenance AMC	QUALIFIED	AED 277,074.71	25%	2026-08-04	2026-09-12	Hassan Desai

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Quotes built from the item master, so the price quoted is the price in the system. A won quote converts into a job and an order without anyone retyping the lines.

05 Invoices

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CLIENTS & SALES / INVOICES

Search clients, items, invoices...

Owner / CEO

All branches

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Sales invoices

UAE tax invoices: 5% VAT, TRN on the face, sequential numbering that cannot be re-used.

New invoice

CSV

Excel

PDF

Search invoices...

Status: all

74 of 74 rows

INVOICE #	CLIENT	DATE	DUE	NET	VAT 5%	GROSS	BALANCE	STATUS
INV-2026-0400	P&O Maritime Logistics	2026-03-02	2026-04-16	AED 128,444.98	AED 6,422.25	AED 134,867.15	AED 0.00	DRAFT
INV-2026-0401	Topaz Energy & Marine	2026-03-04	2026-04-03	AED 111,262.81	AED 5,563.14	AED 116,825.95	AED 116,825.95	OVERDUE
INV-2026-0402	Jurong Shipyard Gulf FZE	2026-08-05	2026-09-04	AED 18,060.64	AED 903.03	AED 18,963.67	AED 0.00	PAID
INV-2026-0403	Gulf Navigation Holding	2026-07-05	2026-08-04	AED 25,569.98	AED 1,278.50	AED 26,848.48	AED 20,136.36	PART PAID
INV-2026-0404	Grandweld Shipyards LLC	2026-04-17	2026-05-17	AED 85,363.79	AED 4,268.19	AED 89,631.98	AED 89,631.98	OVERDUE
INV-2026-0405	Ocean Star Shipping LLC	2026-05-05	2026-06-04	AED 91,777.94	AED 4,588.90	AED 96,366.84	AED 48,183.42	PART PAID
INV-2026-0406	Drydocks World Dubai	2026-05-07	2026-06-06	AED 5,433.13	AED 271.66	AED 5,704.79	AED 0.00	PAID
INV-2026-0407	Ocean Star Shipping LLC	2026-07-25	2026-08-09	AED 30,187.38	AED 1,509.37	AED 31,696.75	AED 0.00	PAID
INV-2026-0408	Al Marwan Marine LLC	2026-05-20	2026-07-19	AED 133,324.16	AED 6,666.21	AED 139,990.37	AED 0.00	PAID
INV-2026-0409	Fujairah Port Towage	2026-04-23	2026-05-08	AED 151,764.81	AED 7,588.24	AED 159,353.05	AED 0.00	PAID
INV-2026-0410	Horizon Offshore Vessels	2026-05-18	2026-06-17	AED 50,721.74	AED 2,536.09	AED 53,257.83	AED 53,257.83	OVERDUE
INV-2026-0411	Fujairah Port Towage	2026-07-11	2026-07-26	AED 42,961.50	AED 2,148.08	AED 45,109.58	AED 45,109.58	OVERDUE
INV-2026-0412	Musandam Marine Oman	2026-06-21	2026-08-20	AED 169,631.36	AED 8,481.57	AED 178,112.93	AED 133,584.70	PART PAID
INV-2026-0413	Khalid Bin Sultan Marine	2026-02-26	2026-03-28	AED 14,299.38	AED 714.97	AED 15,014.35	AED 15,014.35	OVERDUE
INV-2026-0414	Seatrade Marine DMCC	2026-03-04	2026-05-03	AED 7,842.58	AED 392.13	AED 8,234.71	AED 0.00	PAID
TOTAL (74)				AED 4,659,850.28	AED 332,992.56	AED 4,992,842.84	AED 2,815,022.87	

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VAT is calculated per line and then summed, which is the order the Federal Tax Authority expects. An issued invoice cannot be edited, only credited, and the number sequence has no gaps.

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Receivables ageing

Who owes what, and for how long. The single report that decides whether you chase or ship.

CSV

Excel

PDF

CURRENT

AED 836,823.95

1-30 DAYS

AED 155,214.20

31-60 DAYS

AED 235,488.41

61-90 DAYS

AED 373,923.94

90+ DAYS

AED 1,189,618.96

AGEING BY CLIENT

CLIENT	CURRENT	1-30 DAYS	31-60 DAYS	61-90 DAYS	90+ DAYS	TOTAL
Jurong Shipyard Gulf FZE	—	—	AED 149,884.43	AED 79,605.71	AED 209,511.43	AED 439,001.57
National Marine Dredging Co	AED 178,030.47	—	—	AED 146,897.93	—	AED 324,928.40
Topaz Energy & Marine	—	AED 6,053.71	—	—	AED 273,117.44	AED 279,171.15
Hakul Offshore Services	AED 149,955.94	—	AED 85,603.98	—	—	AED 235,559.92
Damen Shipyards Sharjah	—	—	—	—	AED 167,056.89	AED 167,056.89
Ocean Star Shipping LLC	—	—	—	AED 48,183.42	AED 110,470.77	AED 158,654.19
Drydocks World Dubai	AED 152,578.99	—	—	—	—	AED 152,578.99
Gulf Navigation Holding	AED 49,472.49	AED 20,136.36	—	—	AED 64,868.85	AED 134,477.70
Musandam Marine Oman	AED 133,584.70	—	—	—	—	AED 133,584.70
P&O Maritime Logistics	—	AED 33,759.06	—	—	AED 75,565.22	AED 109,324.28
Khalid Bin Sultan Marine	AED 88,974.43	—	—	—	AED 15,014.35	AED 103,988.78
RAK Marine Works LLC	—	—	—	—	AED 95,766.36	AED 95,766.36
Grandweld Shipyards LLC	—	—	—	—	AED 89,631.98	AED 89,631.98
Zamil Offshore Services	AED 84,226.93	—	—	—	—	AED 84,226.93
Horizon Offshore Vessels	—	—	—	AED 53,257.83	—	AED 53,257.83
Arabian Gulf Mechanical Services	—	—	—	—	AED 50,504.97	AED 50,504.97
Fujairah Port Towage	—	AED 45,109.58	—	—	—	AED 45,109.58
Abu Dhabi Ports Marine	—	AED 42,211.62	—	—	—	AED 42,211.62

Who owes you, how much and how late, in the order you should be chasing them.

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Search clients, items, invoices...

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Item master

One SKU, one row, one truth. Cost is hidden from the Sales role; retail price is hidden from the Store role.

New Item

CSV

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Search item master...

Status: all

Category: all

55 of 55 rows

SKU	DESCRIPTION	CATEGORY	UOM	COST	RETAIL	ON HAND	REORDER AT	STATUS
TRK-1001	TRICON™ Dynamic Positioning System DP-2	Dynamic Positioning	UNIT	AED 317,913.36	AED 456,214.88	0	1	OUT OF STOCK
TRK-1002	TRICON™ Dynamic Positioning System DP-1	Dynamic Positioning	UNIT	AED 122,649.92	AED 182,487.62	0	3	OUT OF STOCK
TRK-1003	TRICON™ Joystick Control System	Dynamic Positioning	UNIT	AED 61,114.43	AED 88,609.24	7	3	IN STOCK
TRK-1004	TRICON™ DP Interface Module	Dynamic Positioning	UNIT	AED 21,179.99	AED 25,022.57	1	2	LOW STOCK
TRK-1005	DP Operator Console — Dual Screen	Dynamic Positioning	UNIT	AED 42,114.31	AED 56,126.30	2	2	LOW STOCK
SPR-1006	Motion Reference Unit (MRU)	Sensors & Instruments	PCS	AED 22,094.68	AED 33,782.91	102	8	IN STOCK
SPR-1007	Unity Sensor — Position Reference	Sensors & Instruments	PCS	AED 25,104.44	AED 37,590.87	0	24	OUT OF STOCK
SPR-1008	DGPS Receiver — Marine Grade	Sensors & Instruments	PCS	AED 20,642.16	AED 14,328.23	15	37	LOW STOCK
SPR-1009	Gyro Compass Interface Unit	Sensors & Instruments	PCS	AED 10,671.35	AED 16,891.54	39	11	IN STOCK
SPR-1010	Wind Sensor — Ultrasonic	Sensors & Instruments	PCS	AED 4,317.59	AED 5,715.80	117	32	IN STOCK
SPR-1011	Draft & Trim Sensor Assembly	Sensors & Instruments	PCS	AED 5,390.47	AED 8,584.34	68	22	IN STOCK
TRK-1012	IMAC Integrated Machinery Alarm & Control	Vessel Management	UNIT	AED 197,452.67	AED 286,633.68	5	3	IN STOCK
TRK-1013	IMAC Remote I/O Cabinet	Vessel Management	UNIT	AED 22,674.27	AED 26,849.73	7	3	IN STOCK
TRK-1014	Vessel Fuel Monitoring & Management System	Vessel Management	UNIT	AED 89,180.46	AED 115,417.60	4	2	IN STOCK
TRK-1015	Power Management System (PMS)	Vessel Management	UNIT	AED 119,945.92	AED 148,770.49	1	2	LOW STOCK

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The full catalogue: the TRICON dynamic-positioning line, IMAC machinery alarm systems, propulsion control, LV switchgear and the OEM spares behind them. One SKU, one row.

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INVENTORY / STOCK LEDGER

Search clients, Items, Invoices...

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Stock ledger

Every movement in and out, append-only. This is what makes a stock count arguable instead of a guess.

CSV

Excel

PDF

Search stock ledger...

Type: all

Warehouse: all

60 of 60 rows

MOVEMENT	DATE	SKU	ITEM	TYPE	QTY	WAREHOUSE	REFERENCE	BY
MV-06001	2026-07-20	TRK-1027	Tricon Power LV Switchgear Panel 690V	RETURN IN	118	WH-DMC	INV-2026-0431	Ayesha Siddiqui
MV-06002	2026-07-15	SPR-1052	UPS Module 3kVA Marine	GRN IN	117	WH-AUH	GRN-2026-0104	Vikram Khan
MV-06003	2026-08-18	SPR-1044	Marine Contactor 250A	SALES OUT	114	WH-DMC	GRN-2026-0104	Faisal Al Mansoori
MV-06004	2026-07-14	TRK-1036	Bridge Alarm Repeater Panel	TRANSFER	162	WH-AUH	TR-0088	Rahul Iqbal
MV-06005	2026-08-10	TRK-1015	Power Management System (PMS)	GRN IN	28	WH-JAF	ADJ-0021	Noor Desai
MV-06006	2026-07-28	SPR-1051	Signal Isolator Module	SALES OUT	32	WH-AUH	INV-2026-0431	Sanjay Al Zaabi
MV-06007	2026-07-31	TRK-1038	Tricon Simulator — DP Training Suite	GRN IN	118	WH-AUH	ADJ-0021	Reem Al Zaabi
MV-06008	2026-07-27	TRK-1033	Autopilot System — Marine	TRANSFER	88	WH-JAF	TR-0088	Hassan Qureshi
MV-06009	2026-07-26	SPR-1006	Motion Reference Unit (MRU)	SALES OUT	157	WH-DMC	ADJ-0021	Imran Al Mansoori
MV-06010	2026-07-26	SPR-1044	Marine Contactor 250A	GRN IN	64	WH-WKS	INV-2026-0431	Bilal Menon
MV-06011	2026-07-13	SPR-1042	Siemens HMI Panel 15"	RETURN IN	117	WH-JAF	TR-0088	Reem Joseph
MV-06012	2026-08-03	SPR-1050	Level Switch — Float Type	SALES OUT	44	WH-AUH	GRN-2026-0104	Layla Khan
MV-06013	2026-07-15	TRK-1004	TRICON™ DP Interface Module	SALES OUT	98	WH-VAN	ADJ-0021	Layla Siddiqui
MV-06014	2026-07-08	SPR-1040	DEIF Multi-line 2 Controller	ADJUSTMENT	5	WH-AUH	GRN-2026-0104	Huda Siddiqui
MV-06015	2026-08-07	SPR-1053	Cooling Fan Assembly — Panel	SALES OUT	23	WH-AUH	INV-2026-0431	Priya Al Hashimi

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Every movement in and out with a running balance. Stock is an append-only ledger rather than an editable quantity column, so any figure traces back to the document that caused it.

T tritekERP DEMO	INVENTORY / WAREHOUSES	Search clients, items, invoices...	Owner / CEO	All branches	45
Warehouses & bins Stock is held per location, not per company. Transfers move it; they never create or destroy it.					
WH-DMC AED 4,667,514.47 28 SKUs - 570 units	WH-JAF AED 4,442,930.20 17 SKUs - 423 units	WH-WKS AED 5,737,305.24 21 SKUs - 433 units	WH-AUH AED 3,264,806.36 18 SKUs - 306 units	WH-VAN AED 777,499.13 6 SKUs - 195 units	
LOCATIONS					
CODE	LOCATION	EMIRATE	SKUS HELD	UNITS	VALUE AT COST
WH-DMC	Dubai Maritime City — Main Store	Dubai	28	570	AED 4,667,514.47
WH-JAF	Jebel Ali Free Zone — Bonded	Dubai	17	423	AED 4,442,930.20
WH-WKS	Workshop — Panel Build & Test	Dubai	21	433	AED 5,737,305.24
WH-AUH	Abu Dhabi — Mussafah Service Base	Abu Dhabi	18	306	AED 3,264,806.36
WH-VAN	Service Van & Field Stock	Dubai	6	195	AED 777,499.13
BIN-LEVEL DETAIL — DUBAI AL QUOZ MAIN					
BIN	SKU	ITEM	QTY		

Dubai Maritime City, the JAFZA bonded store, the panel workshop, Mussafah and van stock. Bonded and duty-paid stock are held apart, because customs treats them differently.

10 Reorder alerts

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INVENTORY / REORDER ALERTS

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Reorder alerts

Everything at or below its reorder level, with the suggested order quantity and the supplier lead time.

CSVExcelPDF

SKUS TO REORDER
18

OUT OF STOCK NOW
8
losing sales today

SUGGESTED SPEND
AED 6,285,949.75
to return to safe levels

LONGEST LEAD TIME
43 days
order this one first

SUGGESTED PURCHASE LIST

Raise POs for all

SKU	ITEM	ON HAND	REORDER AT	SUGGEST	EST. SPEND	SUPPLIER	LEAD	STATUS
SPR-1808	DGPS Receiver — Marine Grade	15	37	59	AED 1,217,887.44	KEM Küppers Elektromechanik	26d	LOW STOCK
SPR-1807	Unity Sensor — Position Reference	0	24	48	AED 1,205,813.12	Siemens AG	43d	OUT OF STOCK
TRK-1802	TRICON™ Dynamic Positioning System DP-1	0	3	6	AED 735,899.52	OES Group	21d	OUT OF STOCK
TRK-1801	TRICON™ Dynamic Positioning System DP-2	0	1	2	AED 635,826.72	Furlong Marine Systems	3d	OUT OF STOCK
TRK-1820	TRICON™ Propulsion Control System	0	3	6	AED 570,235.56	AAA Propulsion	21d	OUT OF STOCK
TRK-1815	Power Management System (PMS)	1	2	3	AED 359,837.76	Inertial Labs Inc	11d	LOW STOCK
TRK-1828	Tricon Power LV Switchgear Panel 440V	2	3	4	AED 324,963.20	J-Scanjet Marine AS	34d	LOW STOCK
TRK-1837	Steering Gear Control Unit	1	3	5	AED 229,700.90	Gulf Cable & Electrical Ind	36d	LOW STOCK
TRK-1829	Main Switchboard Section — Marine	1	2	3	AED 226,805.79	Gulf Cable & Electrical Ind	36d	LOW STOCK
TRK-1834	Navigation & Communication Console	0	1	2	AED 161,615.86	KEM Küppers Elektromechanik	26d	OUT OF STOCK
TRK-1830	Shore Connection Panel	1	2	3	AED 119,613.66	Gulf Cable & Electrical Ind	36d	LOW STOCK
TRK-1833	Autopilot System — Marine	0	1	2	AED 113,699.34	Thrustleader Marine Propulsion B.V.	17d	OUT OF STOCK
TRK-1824	Thruster Control Lever — Bridge Wing	0	2	4	AED 103,410.36	Furlong Marine Systems	3d	OUT OF STOCK
TRK-1805	DP Operator Console — Dual Screen	2	2	2	AED 84,228.62	Emirates Panel Works LLC	15d	LOW STOCK
TRK-1804	TRICON™ DP Interface Module	1	2	3	AED 63,539.97	Inertial Labs Inc	11d	LOW STOCK

What has fallen below minimum and what is already on order against it. Serialised equipment and consumable spares reorder on different policies.

11 Suppliers

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PURCHASING / SUPPLIERS

Search clients, items, invoices...

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All branches

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Suppliers

Approved vendor list with terms, lead times and open payable.

New supplierCSVExcelPDF

Search suppliers...

Status: all

Category: all

12 of 12 rows

CODE	SUPPLIER	CATEGORY	EMIRATE	TERMS	LEAD (D)	OPEN PAYABLE	RATING	STATUS
SP-2001	DEIF A/S	Packaging	Fujairah	Net 30	22	AED 120,311.91	★★★★★	APPROVED
SP-2002	Siemens AG	Materials	Sharjah	Advance	43	AED 45,360.39	★★★	APPROVED
SP-2003	Thrustleader Marine Propulsion B.V.	Equipment	Ajman	Advance	17	AED 243,673.32	★★★	APPROVED
SP-2004	Sleipner Motor AS	Materials	Sharjah	Net 30	43	AED 127,812.73	★★★★	UNDER REVIEW
SP-2005	J-Scanjet Marine AS	Materials	Ras Al Khaimah	LC 90	34	AED 163,874.35	★★★★★	APPROVED
SP-2006	Inertial Labs Inc	Materials	Ajman	Net 45	11	AED 209,888.04	★★★	UNDER REVIEW
SP-2007	KEM Küppers Elektromechanik	Services	Ras Al Khaimah	Advance	26	AED 94,788.11	★★★★	APPROVED
SP-2008	AAA Propulsion	Packaging	Sharjah	Net 30	21	AED 92,024.24	★★★	APPROVED
SP-2009	OES Group	Materials	Sharjah	Net 60	21	AED 28,609.56	★★★★★	APPROVED
SP-2010	Furlong Marine Systems	Materials	Dubai	Net 30	3	AED 312,582.62	★★★★★	APPROVED
SP-2011	Gulf Cable & Electrical Ind	Logistics	Dubai	LC 90	36	AED 184,711.09	★★★★★	APPROVED
SP-2012	Emirates Panel Works LLC	Logistics	Dubai	Net 45	15	AED 149,072.69	★★★★★	APPROVED

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OEM principals with their lead times, currencies and terms. Lead time on the supplier record is what makes a reorder suggestion honest rather than a guess.

12 Purchase orders

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PURCHASING / PURCHASE ORDERS

Search clients, Items, Invoices...

Owner / CEO

All branches

45

Purchase orders

Raised → approved → received → matched to the bill. Nothing is paid without a three-way match.

New purchase order

CSV

Excel

PDF

Search purchase orders

Status: all

Warehouse: all

46 of 46 rows

PO #	SUPPLIER	RAISED	EXPECTED	DELIVER TO	LINES	NET	GROSS	STATUS
PO-2026-0200	J-Scanjet Marine AS	2026-07-22	2026-08-21	WH-AUH	4	AED 205,041.48	AED 215,293.55	RECEIVED
PO-2026-0201	KEM Küppers Elektromechanik	2026-07-28	2026-08-21	WH-VAN	3	AED 98,002.02	AED 102,902.12	RECEIVED
PO-2026-0202	Gulf Cable & Electrical Ind	2026-04-16	2026-08-26	WH-AUH	5	AED 172,947.23	AED 181,594.59	APPROVED
PO-2026-0203	Gulf Cable & Electrical Ind	2026-07-07	2026-07-22	WH-WKS	1	AED 35,865.62	AED 35,558.90	APPROVED
PO-2026-0204	DEIF A/S	2026-04-08	2026-09-10	WH-JAF	13	AED 121,873.40	AED 127,967.07	RECEIVED
PO-2026-0205	Siemens AG	2026-05-03	2026-09-24	WH-WKS	11	AED 43,441.44	AED 45,613.51	RECEIVED
PO-2026-0206	Sleipner Motor AS	2026-04-15	2026-09-26	WH-AUH	11	AED 82,237.46	AED 86,349.33	RECEIVED
PO-2026-0207	KEM Küppers Elektromechanik	2026-08-05	2026-09-14	WH-DMC	1	AED 119,186.13	AED 125,145.44	RECEIVED
PO-2026-0208	Thrustleader Marine Propulsion B.V.	2026-07-18	2026-08-30	WH-JAF	6	AED 151,951.59	AED 159,549.17	PENDING APPROVAL
PO-2026-0209	Furlong Marine Systems	2026-04-30	2026-08-20	WH-JAF	4	AED 61,498.45	AED 64,573.37	DRAFT
PO-2026-0210	Sleipner Motor AS	2026-05-10	2026-08-07	WH-DMC	9	AED 84,679.53	AED 88,913.51	PENDING APPROVAL
PO-2026-0211	Siemens AG	2026-07-10	2026-08-08	WH-VAN	3	AED 181,089.08	AED 190,143.53	DRAFT
PO-2026-0212	Siemens AG	2026-06-18	2026-09-18	WH-AUH	6	AED 106,965.17	AED 112,313.43	PENDING APPROVAL
PO-2026-0213	Furlong Marine Systems	2026-04-20	2026-08-17	WH-DMC	10	AED 139,929.58	AED 146,926.06	PENDING APPROVAL
PO-2026-0214	AAA Propulsion	2026-08-20	2026-09-03	WH-JAF	7	AED 61,377.26	AED 64,446.12	RECEIVED
TOTAL (46)						AED 4,493,769.16	AED 4,928,457.61	

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Raised against a supplier and a vessel job, so committed cost lands on the job when you commit it — not weeks later when the invoice arrives.

13 Goods receipts

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Search clients, items, invoices...

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Goods receipt notes

The moment stock legally becomes yours. Posting a GRN writes to the stock ledger and the AP accrual in one transaction.

CSV

Excel

PDF

Search goods receipts...

Status: all

Warehouse: all

20 of 20 rows

GRN #	AGAINST PO	SUPPLIER	RECEIVED	WAREHOUSE	LINES	VALUE	3-WAY MATCH	STATUS
GRN-2026-0100	PO-2026-0200	J-Scanjet Marine AS	2026-05-17	WH-AUH	4	AED 205,041.48	Matched	POSTED
GRN-2026-0101	PO-2026-0201	KEM Küppers Elektromechanik	2026-05-15	WH-VAN	3	AED 98,002.02	Matched	POSTED
GRN-2026-0102	PO-2026-0204	DEIF A/S	2026-07-26	WH-JAF	13	AED 121,873.40	Matched	POSTED
GRN-2026-0103	PO-2026-0205	Siemens AG	2026-07-14	WH-WKS	11	AED 43,441.44	Matched	POSTED
GRN-2026-0104	PO-2026-0206	Sleipner Motor AS	2026-07-31	WH-AUH	11	AED 82,237.46	Matched	POSTED
GRN-2026-0105	PO-2026-0207	KEM Küppers Elektromechanik	2026-06-17	WH-DMC	1	AED 119,186.13	Matched	POSTED
GRN-2026-0106	PO-2026-0214	AAA Propulsion	2026-06-05	WH-JAF	7	AED 61,377.26	Matched	POSTED
GRN-2026-0107	PO-2026-0215	Sleipner Motor AS	2026-08-17	WH-JAF	4	AED 80,782.30	Matched	PENDING AUDIT
GRN-2026-0108	PO-2026-0217	Siemens AG	2026-06-19	WH-AUH	14	AED 104,486.15	Unmatched	PENDING AUDIT
GRN-2026-0109	PO-2026-0219	Inertial Labs Inc	2026-06-10	WH-VAN	11	AED 24,077.62	Matched	POSTED
GRN-2026-0110	PO-2026-0222	DEIF A/S	2026-05-30	WH-WKS	8	AED 129,425.72	Matched	POSTED
GRN-2026-0111	PO-2026-0223	KEM Küppers Elektromechanik	2026-04-30	WH-JAF	5	AED 173,731.62	Matched	POSTED
GRN-2026-0112	PO-2026-0225	Inertial Labs Inc	2026-07-01	WH-VAN	5	AED 78,405.17	Matched	PENDING AUDIT
GRN-2026-0113	PO-2026-0226	Furlong Marine Systems	2026-06-23	WH-AUH	8	AED 153,898.57	Matched	POSTED
GRN-2026-0114	PO-2026-0228	DEIF A/S	2026-07-28	WH-VAN	6	AED 225,907.29	Unmatched	PENDING AUDIT
TOTAL (20)						AED 2,469,692.58		

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The three-way match: what was ordered, what arrived, what you were billed. Anything that disagrees is held rather than posted quietly.

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Expenses & petty cash

Snap the receipt, the PDF reader pulls the amount and VAT, a human approves. Nothing posts unapproved.

New expenseCSVExcelPDF

Search expenses...Status: allCategory: all44 of 44 rows

REF	DATE	CATEGORY	VENDOR	AMOUNT	VAT	CLAIMED BY	PROJECT	RECEIPT	STATUS
EXP-0900	2026-06-20	Fuel	Aramex	AED 4,919.57	AED 245.98	Layla Iqbal	—	Attached	REJECTED
EXP-0901	2026-08-08	Meals	ENOC	AED 1,023.24	AED 51.16	Tariq Patel	—	Attached	REJECTED
EXP-0902	2026-07-20	Travel	ADNOC	AED 3,112.71	AED 155.64	Rahul Qureshi	—	Attached	REIMBURSED
EXP-0903	2026-06-12	Office Supplies	Careem	AED 11,199.06	AED 559.95	Yusuf Joseph	JOB-509	Attached	REIMBURSED
EXP-0904	2026-08-13	Fuel	Amazon.ae	AED 8,748.52	AED 437.43	Reem Al Hashimi	—	Attached	APPROVED
EXP-0905	2026-06-27	Meals	Careem	AED 5,146.05	AED 257.30	Vikram Al Hashimi	JOB-512	Attached	APPROVED
EXP-0906	2026-08-03	Meals	Aramex	AED 5,874.87	AED 293.74	Yusuf Al Zaabi	—	Attached	PENDING
EXP-0907	2026-06-28	Fuel	ENOC	AED 5,815.21	AED 290.76	Meera Menon	JOB-515	Attached	APPROVED
EXP-0908	2026-07-18	Meals	Careem	AED 3,209.98	AED 160.50	Ayesha Menon	—	Missing	APPROVED
EXP-0909	2026-07-30	Courier	Talabat	AED 10,869.51	AED 543.48	Huda Al Hashimi	—	Missing	PENDING
EXP-0910	2026-08-09	Office Supplies	ENOC	AED 280.28	AED 10.01	Ayesha Desai	JOB-502	Attached	APPROVED
EXP-0911	2026-08-13	Courier	Careem	AED 4,065.06	AED 203.25	Priya Siddiqui	—	Attached	REJECTED
EXP-0912	2026-07-23	Repairs	ADNOC	AED 11,349.14	AED 567.46	Tariq Bhatia	JOB-506	Attached	REIMBURSED
EXP-0913	2026-08-14	Travel	Amazon.ae	AED 13,637.12	AED 681.86	Omar Menon	JOB-506	Attached	REJECTED
EXP-0914	2026-08-07	Permits	Amazon.ae	AED 6,812.12	AED 340.61	Faisal Fernandes	—	Attached	PENDING
TOTAL (44)				AED 278,551.52	AED 13,927.57				

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Engineer expenses, travel and offshore allowances coded to a job and a GL account at entry. A costing screen fed by only some of your costs is confidently wrong.

15 Chart of accounts

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tritekERP

DEMO

FINANCE / CHART OF ACCOUNTS

Search clients, items, invoices...

Owner / CEO

All branches

45

Chart of accounts

The spine of the ledger. Every posting in every module lands on one of these codes.

CSVExcelPDF

Search chart of accountType: all18 of 18 rows

CODE	ACCOUNT	TYPE	BALANCE
1000	Cash & Bank	Asset	AED 1,235,412.55
1100	Accounts Receivable	Asset	AED 792,910.84
1200	Inventory	Asset	AED 2,362,002.40
1500	Fixed Assets	Asset	AED 765,299.93
2000	Accounts Payable	Liability	AED 68,135.90
2100	VAT Payable	Liability	AED 1,956,561.37
2200	Accrued Salaries	Liability	AED 24,463.48
3000	Share Capital	Equity	AED 1,100,100.85
3100	Retained Earnings	Equity	AED 859,503.78
4000	Sales Revenue	Income	AED 688,802.93
4100	Service Revenue	Income	AED 1,980,861.63
5000	Cost of Goods Sold	Expense	AED 2,070,445.77
6000	Salaries & Wages	Expense	AED 183,447.95
6100	Rent	Expense	AED 1,078,786.15
6200	Utilities	Expense	AED 1,843,095.48
TOTAL (18)			AED 21,795,884.24

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The account structure everything posts into, with branch and job as separate dimensions, so one chart serves every reporting cut you will be asked for.

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FINANCE / JOURNAL

Search clients, items, invoices...

Owner / CEO

All branches

45

General journal

Double entry, immutable once posted. Corrections are reversing entries, never edits.

CSVExcelPDF

Search journal...Status: all40 of 40 rows

VOUCHER	DATE	NARRATION	DEBIT ACCOUNT	CREDIT ACCOUNT	AMOUNT	BY	STATUS
JV-2026-0700	2026-08-12	Rent accrual	Accounts Payable	Inventory	AED 76,833.88	Zainab Desai	POSTED
JV-2026-0701	2026-05-04	Stock adjustment	Professional Fees	Share Capital	AED 16,795.86	Vikram Khan	POSTED
JV-2026-0702	2026-06-23	VAT reclass	Retained Earnings	Cost of Goods Sold	AED 158,624.60	Imran Nair	DRAFT
JV-2026-0703	2026-05-24	Sales invoice posting	Accrued Salaries	Accrued Salaries	AED 184,660.13	Blai Fernandes	POSTED
JV-2026-0704	2026-06-08	VAT reclass	Cost of Goods Sold	Fixed Assets	AED 23,124.00	Priya Qureshi	POSTED
JV-2026-0705	2026-04-23	Petty cash reimbursement	Salaries & Wages	Fixed Assets	AED 83,848.28	Yusuf Desai	POSTED
JV-2026-0706	2026-04-23	Rent accrual	Share Capital	Accounts Payable	AED 110,877.97	Mohammed Nair	DRAFT
JV-2026-0707	2026-07-11	FX difference	VAT Payable	Rent	AED 122,864.09	Tariq Menon	POSTED
JV-2026-0708	2026-06-29	Payroll accrual	Accrued Salaries	Share Capital	AED 122,215.31	Vikram Iqbal	DRAFT
JV-2026-0709	2026-07-01	Petty cash reimbursement	Share Capital	Accrued Salaries	AED 111,058.36	Priya Qureshi	POSTED
JV-2026-0710	2026-05-02	Supplier bill	Service Revenue	Retained Earnings	AED 21,669.67	Vikram Bhatia	POSTED
JV-2026-0711	2026-07-07	Bank charges	Cost of Goods Sold	Salaries & Wages	AED 83,491.91	Meera Al Zaabi	POSTED
JV-2026-0712	2026-07-31	Supplier bill	Share Capital	VAT Payable	AED 159,328.20	Meera Al Hashimi	POSTED
JV-2026-0713	2026-05-25	Payroll accrual	Inventory	Salaries & Wages	AED 152,150.44	Faisal Sharma	DRAFT
JV-2026-0714	2026-07-20	Depreciation	Utilities	Sales Revenue	AED 68,672.53	Hassan Siddiqui	POSTED
TOTAL (40)					AED 3,921,007.15		

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Double entry in the open. Every document releases into balanced journal lines and nothing reaches the ledger by another path.

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FINANCE / VAT RETURN

Search clients, items, invoices...

Owner / CEO

All branches

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VAT return

FTA-shaped output tax vs input tax, per quarter, exportable as the filing schedule.

CSVExcelPDF

OUTPUT TAX (SALES)

AED 301,872.78

69 tax invoices

INPUT TAX (PURCHASES)

AED 247,324.79

recoverable

NET VAT PAYABLE

AED 54,547.99

quarter to date

FILING DUE

28 Oct 2026

05:21 days away

RETURN SCHEDULE — FTA BOX LAYOUT

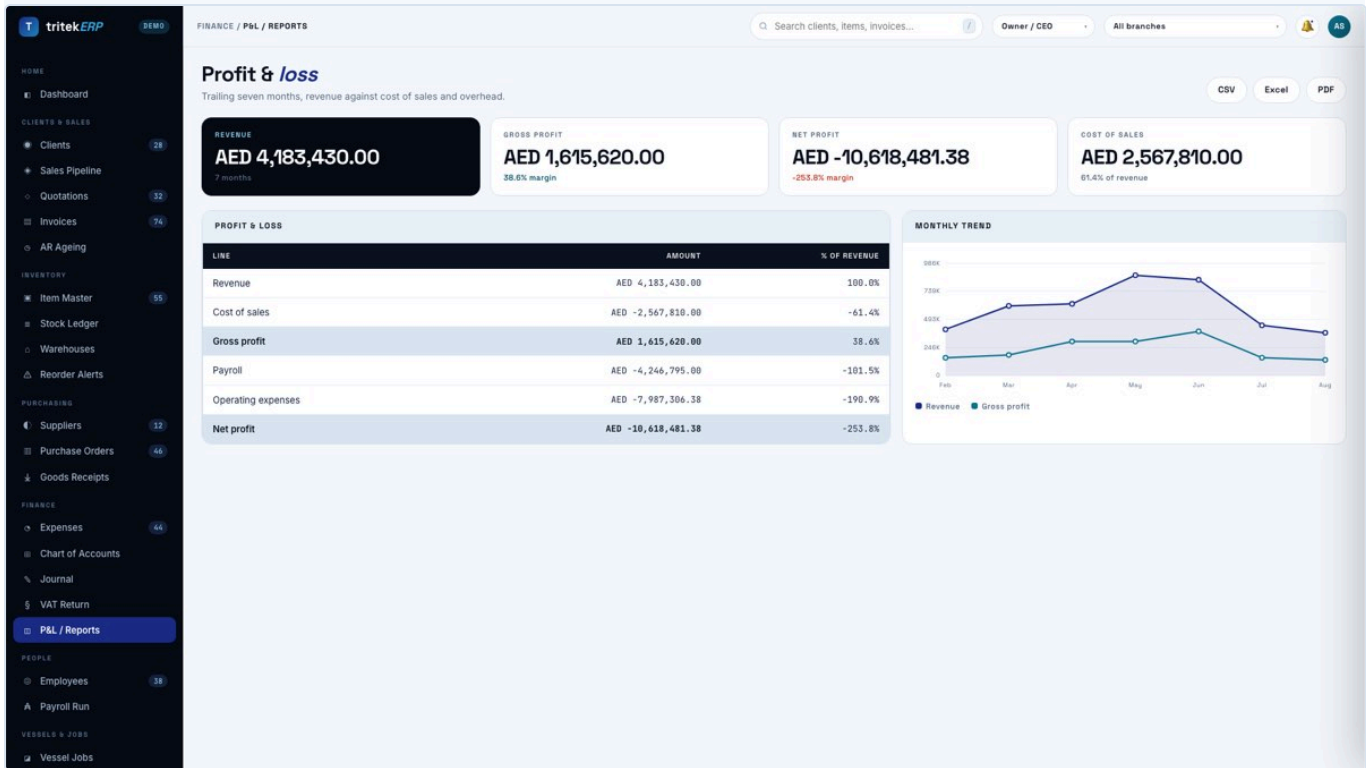
BOX	DESCRIPTION	AMOUNT	NOTES
1a	Standard rated supplies (5%)	AED 6,037,454.84	Net of credit notes. Drafts excluded.
1a	Output tax due	AED 301,872.78	Calculated per invoice line, not on the total.
6	Goods & services purchased	AED 4,693,769.16	Only POs with a matched supplier tax invoice.
9	Recoverable input tax	AED 247,324.79	Blocked items (entertainment, private motor) excluded automatically.
14	Net VAT payable	AED 54,547.99	Box 1a less box 9.

Not a filing tool. This produces the schedule your accountant keys into the FTA portal, plus the transaction-level backup behind every box. Direct e-filing needs an FTA-accredited integration — a phase-3 item, not a day-one one.

The VAT working box by box, each figure drilling back to the invoices behind it — which is what you need if the return is ever questioned.

18 Profit & loss

FINANCE



Generated from the ledger rather than assembled in a spreadsheet, comparative against the prior period, every line drilling to source.

19 Employees

PEOPLE

tritekERP DEMO

PEOPLE / EMPLOYEES

Search clients, items, invoices... Owner / CEO All branches

Employees

Salary and bank details are masked from every role except Owner, Finance and HR.

New employee CSV Excel PDF

Search employees... Status: all Department: all 38 of 38 rows

EMP #	NAME	DEPARTMENT	DESIGNATION	NATIONALITY	JOINED	BASIC	ALLOWANCE	VISA EXPIRY	STATUS
EMP-0101	Ayesha Al Zaabi	Sales	Procurement Officer	Pakistan	2025-01-23	AED 3,367.00	AED 5,872.00	2027-06-23	ACTIVE
EMP-0102	Imran Rahman	Panel Workshop	Panel Wireman	UAE	2024-01-09	AED 10,252.00	AED 7,490.00	2027-09-15	ACTIVE
EMP-0103	Meera Rahman	Panel Workshop	Commissioning Engineer	Philippines	2021-07-26	AED 17,298.00	AED 8,583.00	2027-09-07	ACTIVE
EMP-0104	Divya Desai	QHSE	DP Service Engineer	Nepal	2025-03-09	AED 5,643.00	AED 6,982.00	2027-03-24	ACTIVE
EMP-0105	Rahul Bhatia	Finance	Project Engineer	Egypt	2025-09-10	AED 5,025.00	AED 3,021.00	2027-01-03	ACTIVE
EMP-0106	Zainab Siddiqui	Finance	QHSE Officer	Jordan	2021-10-31	AED 4,424.00	AED 5,398.00	2026-12-04	ACTIVE
EMP-0107	Hassan Khan	QHSE	Storekeeper	India	2022-06-03	AED 17,751.00	AED 6,993.00	2027-05-08	ACTIVE
EMP-0108	Fatema Joseph	Sales	Storekeeper	Bangladesh	2020-04-05	AED 9,357.00	AED 960.00	2026-08-06	VISA EXPIRED
EMP-0109	Rahul Patel	Projects	Panel Wireman	Egypt	2021-04-13	AED 17,688.00	AED 6,344.00	2026-10-06	ACTIVE
EMP-0110	Karan Iqbal	Finance	DP Service Engineer	Philippines	2025-10-28	AED 8,537.00	AED 4,470.00	2027-09-27	ACTIVE
EMP-0111	Rahul Iqbal	Procurement	Field Service Technician	Egypt	2024-11-22	AED 2,433.00	AED 3,277.00	2026-12-24	ACTIVE
EMP-0112	Ayesha Joseph	Sales	DP Service Engineer	UAE	2022-04-30	AED 3,588.00	AED 2,251.00	2027-08-09	ACTIVE
EMP-0113	Bilal Menon	Projects	Field Service Technician	Pakistan	2023-10-06	AED 13,170.00	AED 4,969.00	2027-09-06	ACTIVE
EMP-0114	Tariq Menon	Panel Workshop	DP Service Engineer	UAE	2020-10-28	AED 19,097.00	AED 5,219.00	2026-10-10	ACTIVE
EMP-0115	Priya Fernandes	Service & Commissioning	Project Engineer	Bangladesh	2023-02-03	AED 4,011.00	AED 6,622.00	2026-10-08	ACTIVE

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Staff with trade certifications and document expiry dates. For offshore work this is commercial: an engineer without a current certificate is turned away at the gangway.

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PEOPLE / PAYROLL RUN

Search clients, items, invoices...

Owner / CEO

All branches

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Payroll run

One click builds the month: gross, deductions, net, and a WPS SIF file for the bank.

CSV

Excel

PDF

EMPLOYEES IN RUN

38

GROSS PAYROLL

AED 606,685.00

August 2026

DEDUCTIONS

AED 4,272.00

GPSSA employee share

NET TO TRANSFER

AED 602,413.00

WPS file ready

AUGUST 2026 PAYROLL REGISTER

Generate WPS SIF file

EMP #	NAME	DEPT	BASIC	ALLOWANCES	GROSS	DEDUCTIONS	NET PAY	STATUS
EMP-0101	Ayesha Al Zaabi	Sales	AED 3,367.00	AED 5,072.00	AED 8,439.00	—	AED 8,439.00	ACTIVE
EMP-0102	Imran Rahman	Panel Workshop	AED 10,252.00	AED 7,490.00	AED 17,742.00	AED 513.00	AED 17,229.00	ACTIVE
EMP-0103	Meera Rahman	Panel Workshop	AED 17,298.00	AED 8,583.00	AED 25,881.00	—	AED 25,881.00	ACTIVE
EMP-0104	Divya Desai	QHSE	AED 5,643.00	AED 6,982.00	AED 12,625.00	—	AED 12,625.00	ACTIVE
EMP-0105	Rahul Bhatia	Finance	AED 5,025.00	AED 3,021.00	AED 8,046.00	—	AED 8,046.00	ACTIVE
EMP-0106	Zainab Siddiqui	Finance	AED 4,424.00	AED 5,398.00	AED 9,822.00	—	AED 9,822.00	ACTIVE
EMP-0107	Hassan Khan	QHSE	AED 17,751.00	AED 6,993.00	AED 24,744.00	—	AED 24,744.00	ACTIVE
EMP-0108	Fatema Joseph	Sales	AED 9,357.00	AED 960.00	AED 10,317.00	—	AED 10,317.00	VISA EXPIRED
EMP-0109	Rahul Patel	Projects	AED 17,688.00	AED 6,344.00	AED 24,032.00	—	AED 24,032.00	ACTIVE
EMP-0110	Karan Iqbal	Finance	AED 8,537.00	AED 4,470.00	AED 13,007.00	—	AED 13,007.00	ACTIVE
EMP-0111	Rahul Iqbal	Procurement	AED 2,433.00	AED 3,277.00	AED 5,710.00	—	AED 5,710.00	ACTIVE
EMP-0112	Ayesha Joseph	Sales	AED 3,588.00	AED 2,251.00	AED 5,839.00	AED 179.00	AED 5,660.00	ACTIVE
EMP-0113	Bilal Menon	Projects	AED 13,170.00	AED 4,969.00	AED 18,139.00	—	AED 18,139.00	ACTIVE
EMP-0114	Tariq Menon	Panel Workshop	AED 19,097.00	AED 5,219.00	AED 24,316.00	AED 955.00	AED 23,361.00	ACTIVE
EMP-0115	Priya Fernandes	Service & Commissioning	AED 4,011.00	AED 6,622.00	AED 10,633.00	—	AED 10,633.00	ACTIVE
EMP-0116	Divya Bhatia	Panel Workshop	AED 16,261.00	AED 571.00	AED 16,832.00	—	AED 16,832.00	ACTIVE

Payslips and a WPS-compliant SIF file for the bank, generated from the same records that feed the ledger, so payroll cost and GL never diverge.

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Vessel Jobs

VESSELS & JOBS / VESSEL JOBS

Search clients, items, invoices...

Owner / CEO

All branches

45

Vessel jobs & job costing

Budget against actual, per hull. The screen that tells you which work is quietly losing money.

CSV

Excel

PDF

Search vessel jobs...

Status: all

Vessel type: all

Class society: all

18 of 18 rows

JOB #	JOB	VESSEL	TYPE	OPERATOR	CLASS	PM	BUDGET	SPENT	IN
JOB-501	New-build Installation — MV WINPOSH Ready	MV WINPOSH Ready	Crew Boat	Khalid Bin Sultan Marine	Bureau Veritas	Noor Al Hashimi	AED 548,992.50	AED 259,819.01	AED 249
JOB-502	DP Retrofit — MV Astro Procyon	MV Astro Procyon	Offshore Support Vessel	Stanford Marine Group	ABS	Priya Fernandes	AED 615,952.90	AED 650,381.50	AED 536
JOB-503	Class Renewal Survey — MV Zakher Falcon	MV Zakher Falcon	PSV	Gulf Navigation Holding	Lloyd's Register	Sara Fernandes	AED 893,495.12	AED 522,500.87	AED 250
JOB-504	Propulsion Control Upgrade — MV Gulf Sentinel	MV Gulf Sentinel	Dredger	Damen Shipyards Sharjah	DNV	Omar Sharma	AED 599,868.52	AED 680,310.74	AED 276
JOB-505	Switchgear Replacement — MV Al Dhafra 7	MV Al Dhafra 7	PSV	Sharjah Ports Authority	Lloyd's Register	Reem Qureshi	AED 502,787.19	AED 593,534.45	AED 236
JOB-506	Commissioning & Sea Trials — MV Emirates Pioneer	MV Emirates Pioneer	Harbour Tug	Zamil Offshore Services	ABS	Imran Qureshi	AED 477,066.93	AED 136,395.07	AED 496
JOB-507	Annual Maintenance Contract — MV Musandam Star	MV Musandam Star	Offshore Support Vessel	Fujairah Port Towage	ABS	Sara Joseph	AED 260,024.94	AED 61,918.15	AED 74
JOB-508	Breakdown Service Call — MV Khalij Titan	MV Khalij Titan	Barge	Horizon Offshore Vessels	Bureau Veritas	Hassan Sharma	AED 445,065.74	AED 311,399.14	AED 276
JOB-509	IMAC Upgrade — MV Arabian Voyager	MV Arabian Voyager	AHTS	Abu Dhabi Ports Marine	Lloyd's Register	Ayesha Menon	AED 678,081.58	AED 697,263.87	AED 581
JOB-510	New-build Installation — MV Fujairah Guardian	MV Fujairah Guardian	Barge	Drydocks World Dubai	ABS	Layla Patel	AED 752,024.70	AED 528,826.35	AED 305
JOB-511	DP Retrofit — MV Marwan Explorer	MV Marwan Explorer	Harbour Tug	Drydocks World Dubai	DNV	Bilal Menon	AED 248,396.60	AED 257,662.89	AED 232
JOB-512	Class Renewal Survey — MV Topaz Endeavour	MV Topaz Endeavour	AHTS	Zamil Offshore Services	Bureau Veritas	Omar Rahman	AED 628,899.80	AED 742,191.74	AED 649
JOB-513	Propulsion Control Upgrade — MV Halul 62	MV Halul 62	Crew Boat	Grandworld Shipyards LLC	Bureau Veritas	Zainab Patel	AED 148,155.14	AED 118,288.81	AED 153
JOB-514	Switchgear Replacement — MV Damen Stan 2908	MV Damen Stan 2908	Patrol Vessel	Stanford Marine Group	DNV	Divya Menon	AED 296,585.78	AED 46,833.49	AED 296
JOB-515	Commissioning & Sea Trials — MV ADNOC Support 4	MV ADNOC Support 4	Harbour Tug	Horizon Offshore Vessels	DNV	Yusuf Sharma	AED 705,467.22	AED 255,071.50	AED 727
TOTAL (18)							AED 8,573,715.66	AED 6,250,605.97	AED 5,600

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Every job against a named hull with its IMO number, hull type and class society. Budget, committed, actual and invoiced, so you can see which work is quietly losing money.

22 Import wizard

DATA IN & OUT

Import data
CSV, Excel or PDF in. Map, validate, review the failures, then commit. Nothing enters the ledger unvalidated.

1 - UPLOAD 2 - MAP FIELDS 3 - VALIDATE 4 - COMMIT

IMPORT INTO * Clients OR DUPLICATE KEY Skip the row

Each target has its own required fields and validation rules. Matched on the natural key — SKU, invoice number, employee number.

Drop a file, or click to choose
The parsers below run entirely in your browser — nothing you drop here leaves this machine.

.CSV .XLSX .XLS .TXT / TAB .PDF

CSV / DELIMITED
Delimiter sniffed automatically (comma, semicolon, tab, pipe). Quoted fields, embedded newlines and BOM handled.

EXCEL .XLSX
Unzipped in-browser, first worksheet read from the shared-string table. Real typed cells, not a screen-scrape.

PDF INVOICES
Text layer extracted and scored field by field. Anything under 85% confidence goes to a human queue.

Download a sample file to try Or run a built-in sample through the wizard

What actually happens in production. The browser only uploads the file. Parsing, validation and the write run on a background queue (BullMQ/Inngest) inside a database transaction, so a 12,000-row spreadsheet neither times out nor half-commits. Every row keeps a hash of its source line, which makes a re-run of the same file a no-op instead of a duplicate.

One import engine for the whole system. Drop a CSV, Excel file or PDF; it sniffs the delimiter, maps columns and validates every row before anything is written. The commit is all-or-nothing and any batch can be rolled back.

23 Export centre

DATA IN & OUT

Export centre
Any dataset out as CSV, Excel, PDF or JSON — respecting the field masking of whoever is signed in.

CLIENTS & SALES
Clients
28 rows · 9 columns
CSV Excel PDF JSON

CLIENTS & SALES
Quotations
32 rows · 9 columns
CSV Excel PDF JSON

CLIENTS & SALES
Invoices
74 rows · 9 columns
CSV Excel PDF JSON

INVENTORY
Item Master
55 rows · 9 columns
CSV Excel PDF JSON

INVENTORY
Stock Ledger
60 rows · 9 columns
CSV Excel PDF JSON

INVENTORY
Suppliers
12 rows · 9 columns
CSV Excel PDF JSON

PURCHASING
Purchase Orders
46 rows · 9 columns
CSV Excel PDF JSON

PURCHASING
Goods Receipts
20 rows · 9 columns
CSV Excel PDF JSON

FINANCE
Expenses
44 rows · 10 columns
CSV Excel PDF JSON

FINANCE
Chart of Accounts
18 rows · 4 columns
CSV Excel PDF JSON

FINANCE
Journal
40 rows · 8 columns
CSV Excel PDF JSON

PEOPLE
Employees
38 rows · 10 columns
CSV Excel PDF JSON

VESSELS & JOBS
Vessel Jobs
18 rows · 12 columns
CSV Excel PDF JSON

ADMIN
Users
14 rows · 7 columns
CSV Excel PDF JSON

SCHEDULED EXPORTS WHAT AN EXPORT DOES TO YOUR AUDIT TRAIL

Every screen exports to CSV, Excel, PDF or JSON. Exports respect permissions, not just the screen: a user who cannot see cost gets no cost column in their spreadsheet.

Report library
The standing reports, plus the ones you schedule to land in an inbox every Monday.

ALL SALES INVENTORY PURCHASING FINANCE PEOPLE PROJECTS ADMIN 22 standing reports

SALES
Sales by client
Revenue, margin and invoice count per client for any period.
Open

SALES
Sales by item
Which SKUs actually move, and at what realised margin.
Open

SALES
AR ageing
Balance by client, bucketed 0/30/60/90+.
Open

SALES
Quotation conversion
Quoted vs won, by owner and by stage.
Open

INVENTORY
Stock valuation
Qty x cost by warehouse, the number the auditor asks for.
Open

INVENTORY
Slow-moving stock
No movement in 90/180/365 days, with carrying cost.
Open

INVENTORY
Reorder suggestions
Below safety level, with supplier lead times.
Open

INVENTORY
Stock movement ledger
Every in and out, filterable to one SKU.
Open

PURCHASING
Purchase by supplier
Spend concentration and price drift over time.
Open

PURCHASING
GRN vs invoice variance
Where you were billed for what you did not receive.
Open

PURCHASING
AP ageing
What you owe, and what you can safely delay.
Open

FINANCE
Profit & loss
Monthly and cumulative, against budget.
Open

FINANCE
Balance sheet
Assets, liabilities, equity at any cut-off date.
Open

FINANCE
Cash flow
Operating, investing, financing.
Open

FINANCE
VAT return schedule
FTA box layout with transaction backup.
Open

Saved views with your own columns, filters and totals, which can then be scheduled by email without anyone remembering to run them.

Users
Who can sign in, on which role, with MFA enforced.

New user CSV Excel PDF

Search users... Status: all Role: all 14 of 14 rows

USER ID	NAME	EMAIL	ROLE	MFA	LAST SIGN-IN	STATUS
USR-011	Hassan Al Hashimi	hassan.al.hashimi@yourcompany.ae	Sales Executive	Enabled	2026-08-14 13:22	INVITED
USR-012	Imran Menon	imran.menon@yourcompany.ae	External Auditor	Enabled	2026-08-07 18:04	ACTIVE
USR-013	Ayesha Al Hashimi	ayesha.al.hashimi@yourcompany.ae	Finance Manager	Enabled	2026-08-13 20:45	ACTIVE
USR-014	Bilal Al Zaabi	bilal.al.zaabi@yourcompany.ae	HR Officer	Enabled	2026-08-20 10:53	ACTIVE
USR-015	Priya Joseph	priya.joseph@yourcompany.ae	External Auditor	Enabled	2026-08-09 18:21	ACTIVE
USR-016	Vikram Iqbal	vikram.iqbal@yourcompany.ae	HR Officer	Enabled	2026-08-14 06:48	ACTIVE
USR-017	Meera Menon	meera.menon@yourcompany.ae	Store Keeper	Enabled	2026-08-08 15:58	ACTIVE
USR-018	Reem Menon	reem.menon@yourcompany.ae	Sales Executive	OFF	2026-08-10 16:46	ACTIVE
USR-019	Huda Fernandes	huda.fernandes@yourcompany.ae	Finance Manager	Enabled	2026-08-17 08:50	ACTIVE
USR-020	Divya Patel	divya.patel@yourcompany.ae	HR Officer	Enabled	2026-08-10 12:23	SUSPENDED
USR-021	Noor Al Mansoori	noor.al.mansoori@yourcompany.ae	External Auditor	Enabled	2026-08-12 18:51	ACTIVE
USR-022	Vikram Nair	vikram.nair@yourcompany.ae	Finance Manager	Enabled	2026-08-19 20:15	INVITED
USR-023	Hassan Menon	hassan.menon@yourcompany.ae	Owner / CEO	Enabled	2026-08-16 20:09	SUSPENDED
USR-024	Divya Iqbal	divya.iqbal@yourcompany.ae	Finance Manager	Enabled	2026-08-14 19:54	ACTIVE

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Users, roles and default branch. Sign-in through Google Workspace, so disabling one account removes ERP access at the same moment.

tritekERP

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ADMIN / ROLES & PERMISSIONS

Search clients, items, invoices...

Owner / CEO

All branches

45

Roles & permissions

The matrix that is actually enforced in this demo — switch role in the top bar and watch the nav change.

OWNER

Owner / CEO

Everything, including finance and settings.

Sign in as this role

FINANCE

Finance Manager

Full finance + read-only ops. No user admin.

Sign in as this role

SALES

Sales Executive

Own clients, quotes and invoices. No cost prices.

Sign in as this role

STORE

Store Keeper

Inventory + GRN only. No pricing, no finance.

Sign in as this role

HR

HR Officer

People and payroll only. No sales or stock.

Sign in as this role

AUDITOR

External Auditor

Read-only everything. Cannot write or export P&L.

Sign in as this role

ACCESS MATRIX — ENFORCED LIVE IN THIS DEMO

MODULE	OWNER / CEO	FINANCE MANAGER	SALES EXECUTIVE	STORE KEEPER	HR OFFICER	EXTERNAL AUDITOR
Home	Full access	Full access	Full access	Full access	Full access	Full access
Clients & Sales	Full access	Full access	Full access	Partial or read-only	Partial or read-only	Full access
Inventory	Full access	Full access	Full access	Full access	Partial or read-only	Full access
Purchasing	Full access	Full access	Partial or read-only	Full access	Partial or read-only	Full access
Finance	Full access	Full access	Partial or read-only	Partial or read-only	Full access	Full access
People	Full access	Partial or read-only	Partial or read-only	Partial or read-only	Full access	Full access
Vessels & Jobs	Full access	Full access	Full access	Partial or read-only	Partial or read-only	Full access
Data	Full access	Full access	Full access	Full access	Full access	Full access
Admin	Full access	Full access	Full access	Full access	Full access	Full access

Full access Partial or read-only No access

FIELD-LEVEL MASKING

Six roles that genuinely change what you can see. Permissions are enforced on the data, so a hidden column is absent from the query rather than merely invisible.

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ADMIN / AUDIT TRAIL

Search clients, items, invoices...

Owner / CEO

All branches

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Audit trail

Append-only. Who did what, to which record, from which IP. Never editable, not even by the Owner.

CSV Excel PDF

EVENTS RETAINED

31

7-year retention

FAILED SIGN-INS

4

lockout after 5

EXPORTS LOGGED

3

user, rows, columns

RECORDS AMENDED

9

before + after kept

EVENT LOG — APPEND ONLY

Export log

EVENT	TIMESTAMP (UTC)	USER	ACTION	RECORD	SOURCE IP
AUD-900030	2026-08-20 14:55:41	Owner / CEO	POSTED LOGIN.SUCCESS	demo session	94.200.11.42
AUD-080001	2026-08-12 15:55:48	Meera Menon	POSTED GRN.POST	EMP-0119	94.86.106.143
AUD-080002	2026-08-18 12:49:09	Reem Menon	POSTED ITEM.PRICE.UPDATE	INV-2026-0431	94.36.87.219
AUD-080003	2026-08-17 13:45:22	Vikram Iqbal	POSTED LOGIN.SUCCESS	PO-2026-0212	94.100.12.249
AUD-080004	2026-08-16 09:34:23	Hassan Al Hashimi	REJECTED LOGIN.FAILED	PO-2026-0212	94.39.172.224
AUD-080005	2026-08-15 10:12:48	Vikram Nair	POSTED PAYMENT.RECORD	PO-2026-0212	94.150.101.30
AUD-080006	2026-08-12 12:01:23	Meera Menon	POSTED STOCK.ADJUST	USR-014	94.116.280.236
AUD-080007	2026-08-20 10:37:03	Huda Fernandes	POSTED INVOICE.CREATE	INV-2026-0431	94.201.109.210
AUD-080008	2026-08-14 14:32:40	Vikram Nair	POSTED PAYMENT.RECORD	USR-014	94.67.35.245
AUD-080009	2026-08-15 16:05:14	Bilal Al Zaabi	POSTED ITEM.PRICE.UPDATE	PO-2026-0212	94.177.193.187
AUD-080010	2026-08-18 19:22:48	Divya Iqbal	PENDING EXPORT.CSV	SKU-3044	94.51.125.231
AUD-080011	2026-08-20 10:57:37	Divya Iqbal	POSTED PAYMENT.RECORD	PO-2026-0212	94.194.11.197
AUD-080012	2026-08-17 11:08:18	Imran Menon	PENDING IMPORT.COMMIT	USR-014	94.54.226.62
AUD-080013	2026-08-18 17:27:50	Vikram Nair	POSTED STOCK.ADJUST	SKU-3044	94.161.15.70
AUD-080014	2026-08-12 18:56:03	Huda Fernandes	POSTED INVOICE.VOID	PO-2026-0212	94.40.39.66
AUD-080015	2026-08-18 15:11:17	Ayesha Al Hashimi	REJECTED LOGIN.FAILED	USR-014	94.94.30.216

Who changed what, when, and the value before. Append-only and not purgeable — the first thing an auditor asks for and the last thing most home-grown systems can produce.

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ADMIN / SETTINGS

Search clients, items, invoices...

Owner / CEO

All branches

45

Settings

Company, tax, numbering, currency, branches, retention and backup.

COMPANY

REGISTERED NAME

Your Company LLC

TRADE LICENCE

CN-1234567

TRN

100123456789003

BASE CURRENCY

AED

Printed on every tax invoice

FINANCIAL YEAR STARTS

01 January

REGISTERED ADDRESS

Al Quoz Industrial 3, Dubai, UAE

TAX & COMPLIANCE

STANDARD VAT RATE

5%

VAT FILING PERIOD

Quarterly

ROUNDING

Per line, 2 decimals

E-INVOICING

Phase 2 — not yet enabled

SECURITY

MFA

Required for all roles with write access

SESSION TIMEOUT

30 minutes idle

DOCUMENT NUMBERING

SALES INVOICE

INV-{YYYY}-{0000}

Gapless and never re-used, enforced in the database

PURCHASE ORDER

PO-{YYYY}-{0000}

GOODS RECEIPT

GRN-{YYYY}-{0000}

JOURNAL VOUCHER

JV-{YYYY}-{0000}

DATA & BACKUP

AUTOMATED BACKUP

Every 24h + 7-day point-in-time recovery

BACKUP LOCATION

Encrypted object storage, separate region

Company details, tax registration, financial year, branches, numbering formats and document templates. Set once, inherited by every document.

29 The full catalogue

triteERP

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ADMIN / ALL 91 SCREENS

Search clients, items, invoices...

Owner / CEO

All branches

45

The full *screen inventory*

Every screen in the blueprint, which phase it lands in, and whether it is clickable in this demo.

SCREENS IN THE BLUEPRINT

91

11 modules

PHASE 1 — THE MVP

43

weeks 1-8

PHASE 2

37

weeks 9-16

CLICKABLE IN THIS DEMO

43

not mockups — real state

Export the full catalogue

#	MODULE	SCREEN	WHO USED IT	PHASE	IN THIS DEMO
01	Core & access	Login / SSO	Everyone	APPROVED Phase 1	CLICKABLE NOW
02	Core & access	MFA challenge	Every role with write access	APPROVED Phase 1	BLUEPRINT
03	Core & access	Forgot / reset password	Everyone	APPROVED Phase 1	BLUEPRINT
04	Core & access	Company setup wizard	Owner, at go-live only	APPROVED Phase 1	BLUEPRINT
05	Core & access	Role-aware dashboard	Everyone, differently	APPROVED Phase 1	CLICKABLE NOW
06	Core & access	Global search	Everyone	APPROVED Phase 1	CLICKABLE NOW
07	Core & access	Notification centre	Everyone	PENDING Phase 2	BLUEPRINT
08	Core & access	My profile & preferences	Everyone	PENDING Phase 2	BLUEPRINT
09	Clients & CRM	Client list	Sales, Finance, Owner	APPROVED Phase 1	CLICKABLE NOW
10	Clients & CRM	Client 360 detail	Sales, Finance, Owner	APPROVED Phase 1	CLICKABLE NOW
11	Clients & CRM	Create / edit client	Sales, Finance	APPROVED Phase 1	CLICKABLE NOW
12	Clients & CRM	Contacts at client	Sales	PENDING Phase 2	BLUEPRINT
13	Clients & CRM	Lead & opportunity pipeline	Sales, Owner	PENDING Phase 2	CLICKABLE NOW
14	Clients & CRM	Activity & follow-up log	Sales	PENDING Phase 2	BLUEPRINT
15	Clients & CRM	Client statement of account	Finance	PENDING Phase 2	BLUEPRINT
16	Clients & CRM	Credit-limit review	Finance, Owner	DRAFT Phase 3	BLUEPRINT

All 91 screens tagged by build phase, generated from the same catalogue file that drives this document and the demo.

5 · The screen catalogue

Every screen in the system, in build order within its module. For each one: who uses it, what data is on it, what they can do there, and the operational reason it exists. The last line is the one worth reading — it is where the design decisions are, and where a generic ERP would get it wrong.

Phase 1 — weeks 1–8, 43 screens

Phase 2 — weeks 9–16, 37 screens

Phase 3 — after go-live, 11 screens

Clickable in the demo today — 43 screens

Core & access 8 SCREENS

01 Login / SSO		PHASE 1	LIVE IN DEMO
WHO USES IT	Everyone		
ON THE SCREEN	Email, password, SSO button, tenant selector, language toggle		
ACTIONS	Sign in · SSO · reset password		
WHY IT MATTERS	The only screen every employee touches daily. Wire up Google Workspace SSO early: when someone leaves, you disable one account and they lose the ERP too, instead of hoping a leaver checklist gets followed.		
02 MFA challenge		PHASE 1	
WHO USES IT	Every role with write access		
ON THE SCREEN	Six-digit code, trusted-device option, recovery codes		
ACTIONS	Verify · use recovery code · manage devices		
WHY IT MATTERS	Enforce it per role rather than per user. Allow individual exemptions and within a year the exemption list is longer than the enforced list.		
03 Forgot / reset password		PHASE 1	
WHO USES IT	Everyone		
ON THE SCREEN	Email field, one-time token, new password with breach-list check		
ACTIONS	Request link · set new password		
WHY IT MATTERS	Rate-limit this and never reveal whether an address exists. Account enumeration on the reset screen is how most targeted attacks begin.		

04 Company setup wizard

PHASE 1

WHO USES IT	Owner, at go-live only
ON THE SCREEN	Legal name, trade licence, TRN, base currency, financial year start, branches, logo, document number formats
ACTIONS	Complete setup · edit later in Settings
WHY IT MATTERS	Runs once but writes the settings that are most painful to change afterwards — the financial-year start and the invoice number format above all. Get an accountant to confirm both before you click finish.

05 Role-aware dashboard

PHASE 1

LIVE IN DEMO

WHO USES IT	Everyone, differently
ON THE SCREEN	KPI tiles, revenue vs cost chart, overdue chase list, activity feed, alert summary
ACTIONS	Drill into any tile · jump to source record
WHY IT MATTERS	Each role gets its own tiles. A storekeeper who opens on cash-flow figures learns to ignore the dashboard within a week; give them stock levels and pending receipts and they will actually use it.

06 Global search

PHASE 1

LIVE IN DEMO

WHO USES IT	Everyone
ON THE SCREEN	Cross-entity results by code, name or reference, grouped by type
ACTIONS	Search · open record · jump to screen
WHY IT MATTERS	Results are filtered by permission, so a rep searching a client they do not own finds nothing. Search is the single most common place where home-grown systems leak data they thought was hidden.

07 Notification centre

PHASE 2

WHO USES IT	Everyone
ON THE SCREEN	Rule-generated alerts grouped by module, read state, snooze
ACTIONS	Open source record · mark read · mute rule
WHY IT MATTERS	These are saved conditions with a schedule and a recipient, not reports someone has to remember to run. The difference is whether problems find you or you have to go looking.

08 My profile & preferences

PHASE 2

WHO USES IT	Everyone
ON THE SCREEN	Name, contact, language, date and number format, MFA devices, active sessions
ACTIONS	Update details · enrol MFA · revoke a session
WHY IT MATTERS	The active-session list lets someone kill a lost phone themselves at 11pm instead of calling you.

09 Client list

PHASE 1

LIVE IN DEMO

WHO USES IT	Sales, Finance, Owner
ON THE SCREEN	Code, name, segment, emirate, payment terms, credit limit, open balance, revenue YTD, status
ACTIONS	Search · filter · sort · export · create · open
WHY IT MATTERS	The open balance is derived from the ledger, never typed. The moment someone can edit a balance directly, every reconciliation becomes a matter of opinion.

10 Client 360 detail

PHASE 1

LIVE IN DEMO

WHO USES IT	Sales, Finance, Owner
ON THE SCREEN	Master record plus invoices, quotations, contacts, activity log, documents, statement
ACTIONS	Edit · raise quote · raise invoice · email statement · export
WHY IT MATTERS	The screen that stops three people phoning the same customer about three different things on the same morning.

11 Create / edit client

PHASE 1

LIVE IN DEMO

WHO USES IT	Sales, Finance
ON THE SCREEN	Validated form: name, TRN, contact, terms, credit limit, owner
ACTIONS	Save · duplicate check · assign owner
WHY IT MATTERS	Duplicate detection on name and TRN at the point of entry. Two records for one customer silently splits their credit limit and hides your real exposure.

12 Contacts at client

PHASE 2

WHO USES IT	Sales
ON THE SCREEN	Name, role, email, phone, decision-maker flag, portal access
ACTIONS	Add · edit · set primary · invite to portal
WHY IT MATTERS	Model people separately from companies. People move between employers; if the contact is a column on the client record, you lose the relationship when they do.

13 Lead & opportunity pipeline

PHASE 2

LIVE IN DEMO

WHO USES IT	Sales, Owner
ON THE SCREEN	Kanban by stage, deal value, probability, owner, next action date, age in stage
ACTIONS	Drag between stages · open · convert to quote
WHY IT MATTERS	Weighted forecast is value multiplied by probability. Without a probability field a pipeline is a wish list, and every forecast built on it is fiction.

14 Activity & follow-up log

PHASE 2

WHO USES IT	Sales
ON THE SCREEN	Calls, meetings, emails, notes, next action date and owner
ACTIONS	Log activity · set follow-up · complete
WHY IT MATTERS	The next-action date is the only field that earns its keep. Everything else on this screen is a diary; that one field is a system.

15 Client statement of account

PHASE 2

WHO USES IT	Finance
ON THE SCREEN	Opening balance, invoices, receipts, credit notes, closing balance, ageing summary
ACTIONS	Generate PDF · email · export
WHY IT MATTERS	Emailing this automatically on the first of every month collects more cash than any chase call, because it arrives before the customer has decided who to pay.

16 Credit-limit review

PHASE 3

WHO USES IT	Finance, Owner
ON THE SCREEN	Current limit, live exposure, payment history, average days to pay, suggested limit
ACTIONS	Approve · adjust · place on hold
WHY IT MATTERS	Set limits from actual payment behaviour, not from how much the customer says they intend to buy.

Sales 10 SCREENS

17 Quotation list

PHASE 1

LIVE IN DEMO

WHO USES IT	Sales, Owner
ON THE SCREEN	Quote number, client, scope, stage, value, probability, validity date, owner
ACTIONS	Filter · sort · export · create · open
WHY IT MATTERS	Track the validity date and expire quotes automatically. Live quotes at last year's prices are a slow leak in your margin.

18 Quotation builder

PHASE 1

WHO USES IT	Sales
ON THE SCREEN	Client, line items pulled from the item master, quantity, rate, discount, VAT, terms, validity, notes
ACTIONS	Add lines · apply discount · preview PDF · send · convert to order
WHY IT MATTERS	Build lines from the item master rather than free text. Free-typed lines are how you end up quoting a product you no longer stock at a price you no longer honour.

19 Sales order list

PHASE 1

WHO USES IT	Sales, Warehouse
ON THE SCREEN	Order number, client, order date, promised date, value, fulfilment status
ACTIONS	Filter · export · open · release to warehouse
WHY IT MATTERS	The order is the commitment; the invoice is the consequence. Keeping them as separate records is what lets you promise stock without pretending you have billed it.

20 Sales order detail

PHASE 1

WHO USES IT	Sales, Warehouse
ON THE SCREEN	Header, lines, quantity ordered vs reserved vs delivered, back-order position
ACTIONS	Reserve stock · part-deliver · amend · cancel
WHY IT MATTERS	Reserving stock at order confirmation is what stops two salespeople selling the same last unit on the same afternoon.

21 Delivery note / dispatch

PHASE 2

WHO USES IT	Warehouse, Driver
ON THE SCREEN	Order reference, items, quantities picked, vehicle, driver, customer signature
ACTIONS	Pick · print · capture signature · post
WHY IT MATTERS	Posting the delivery note is what moves stock out, not the invoice. Tie stock movement to the invoice and your inventory is wrong for every unbilled delivery.

22 Invoice list

PHASE 1

LIVE IN DEMO

WHO USES IT	Finance, Sales, Owner
ON THE SCREEN	Invoice number, client, date, due date, net, VAT, gross, amount paid, balance, status
ACTIONS	Filter · sort · export CSV/Excel/PDF · create · open · send
WHY IT MATTERS	Status is derived from receipts, not chosen from a dropdown. A human-set "Paid" flag and a bank statement will disagree eventually, and the flag always loses.

23 Invoice builder (VAT)

PHASE 1

WHO USES IT	Finance, Sales
ON THE SCREEN	Client and TRN, line items, quantity, rate, discount, per-line VAT, totals, PO reference, payment terms
ACTIONS	Add lines · calculate VAT · preview · post · email · void
WHY IT MATTERS	VAT is computed per line and then summed, never applied to the invoice total. The two methods differ by fils on every invoice, and those fils are exactly what a tax audit reconciles.

24 Credit note

PHASE 2

WHO USES IT	Finance
ON THE SCREEN	Original invoice reference, reason code, lines credited, VAT reversal
ACTIONS	Raise · link to invoice · post · email
WHY IT MATTERS	The only legitimate way to correct a posted invoice. If your system lets anyone edit a posted invoice instead, you do not have an audit trail, you have a rumour.

25 Receipts & payment collection

PHASE 1

WHO USES IT	Finance
ON THE SCREEN	Client, amount, date, method, bank reference, invoices allocated against
ACTIONS	Record receipt · allocate across invoices · part-allocate · export
WHY IT MATTERS	One receipt frequently settles several invoices, and one invoice is often settled by several receipts. Model that as an allocation table on day one; retrofitting it later is a migration nobody enjoys.

26 AR ageing

PHASE 1

LIVE IN DEMO

WHO USES IT	Finance, Owner
ON THE SCREEN	Client, balance bucketed current / 1-30 / 31-60 / 61-90 / 90+, total due
ACTIONS	Filter · drill to invoice · export PDF · email chase list
WHY IT MATTERS	Anything sitting in the 90+ column is, statistically, a write-off waiting to be admitted. Read this weekly and you find out months earlier than your bank does.

Inventory 11 SCREENS

27 Item master list

PHASE 1

LIVE IN DEMO

WHO USES IT	Warehouse, Purchasing, Sales, Finance
ON THE SCREEN	SKU, description, category, unit of measure, cost, retail price, quantity on hand, reorder level, status
ACTIONS	Search · filter · sort · export · create · open
WHY IT MATTERS	One SKU, one row, one truth. Cost price is hidden from Sales and retail price from the warehouse — enforced in the query, so the masking survives an export.

28 Item detail — stock by location

PHASE 1

LIVE IN DEMO

WHO USES IT	Warehouse, Purchasing
ON THE SCREEN	Full item record, quantity per warehouse and bin, reserved quantity, recent movements, default supplier, batch and expiry
ACTIONS	Edit · transfer · adjust · view ledger
WHY IT MATTERS	Quantity belongs to a location, never to the item. The item's "on hand" figure is a sum of its locations, which is why a transfer can never accidentally create or destroy stock.

29 Create / edit item

PHASE 1

LIVE IN DEMO

WHO USES IT Purchasing, Warehouse

ON THE SCREEN Description, barcode, category, unit of measure, cost, price, reorder level, supplier, tracking options

ACTIONS Save · duplicate · deactivate

WHY IT MATTERS Changing the unit of measure on an item that already has movements is forbidden; you clone the item instead. Allowing it silently rewrites the history of every past transaction.

30 Categories, UoM & attributes

PHASE 2

WHO USES IT Purchasing, Admin

ON THE SCREEN Category tree, units of measure and conversions, custom attributes such as size, colour, season

ACTIONS Add · rename · merge · reorder

WHY IT MATTERS Lookups rather than free text. Free-typed categories give you "Raw Material", "raw materials" and "RAW MAT" inside a month, and every report built on them is wrong.

31 Warehouses & bins

PHASE 1

LIVE IN DEMO

WHO USES IT Warehouse, Owner

ON THE SCREEN Location code, name, emirate, SKUs held, total units, value at cost, bin structure

ACTIONS Add location · define bins · view holdings

WHY IT MATTERS Bin-level detail is optional at first but almost impossible to add later, because it requires a full physical count to establish opening positions.

32 Stock ledger

PHASE 1

LIVE IN DEMO

WHO USES IT Warehouse, Finance, Auditor

ON THE SCREEN Movement reference, date, SKU, movement type, signed quantity, warehouse, source document, user

ACTIONS Filter by SKU, type, date or location · export

WHY IT MATTERS Append-only: no updates, no deletions. This is the table an auditor reads, and it is the reason a stock count becomes an argument you can win rather than a guess.

33 Stock transfer

PHASE 2

WHO USES IT Warehouse

ON THE SCREEN From location, to location, items, quantities, in-transit status, receiving confirmation

ACTIONS Raise · dispatch · receive · cancel

WHY IT MATTERS Model transfers with an in-transit state. Without one, stock vanishes from the books for however long the van is on the road, and someone will reorder it.

34 Stock adjustment / write-off

PHASE 2

WHO USES IT Warehouse supervisor, Finance

ON THE SCREEN Item, quantity, reason code, value impact, approver

ACTIONS Raise · approve · post

WHY IT MATTERS Every adjustment needs a mandatory reason code and a second approver. Unapproved adjustments are the single easiest way to hide theft in any inventory system.

35 Physical stock count

PHASE 2

WHO USES IT Warehouse, Auditor

ON THE SCREEN Count sheet by bin, system quantity, counted quantity, variance, value of variance

ACTIONS Freeze · count · recount variances · post adjustment

WHY IT MATTERS Freeze movements for the counted locations while counting. Counting a live warehouse produces a variance report that measures nothing but the traffic through the door.

36 Reorder alerts

PHASE 1

LIVE IN DEMO

WHO USES IT Purchasing, Owner

ON THE SCREEN SKU, on hand, reorder level, suggested quantity, estimated spend, supplier, lead time

ACTIONS Filter · raise POs in bulk · export

WHY IT MATTERS Sort by lead time, not by shortfall. The item that takes 45 days to arrive needs ordering before the one you can collect from Al Quoz this afternoon.

37 Batch / serial & expiry

PHASE 3

WHO USES IT Warehouse, Quality

ON THE SCREEN Batch or serial number, quantity, manufacture and expiry dates, supplier, linked movements

ACTIONS Assign · trace forward and back · quarantine

WHY IT MATTERS Only build this if you genuinely need a recall trace or you handle perishables. It roughly doubles the complexity of every stock screen, so make it a deliberate decision.

Purchasing 8 SCREENS

38 Supplier list

PHASE 1

LIVE IN DEMO

WHO USES IT Purchasing, Finance

ON THE SCREEN Code, name, category, emirate, payment terms, lead days, open payable, rating, approval status

ACTIONS Search · filter · export · create · open

WHY IT MATTERS Approval status is a control, not a label. A purchase order should be impossible to raise against a supplier who has not been approved.

39 Supplier detail

PHASE 1

LIVE IN DEMO

WHO USES IT	Purchasing, Finance
ON THE SCREEN	Master record, bank details, trade licence and documents, purchase history, price history, open POs
ACTIONS	Edit · view POs · view price trend · block
WHY IT MATTERS	The price-history view is the one that pays for itself, because it shows you the supplier who has raised prices 6% a year while nobody was looking.

40 Purchase request

PHASE 2

WHO USES IT	Any department, Purchasing
ON THE SCREEN	Requester, department, items, quantity, justification, budget line, approval chain
ACTIONS	Raise · approve · reject · convert to PO
WHY IT MATTERS	Separating the request from the order is what puts a budget check between "we want it" and "we have committed to buy it".

41 Purchase order

PHASE 1

LIVE IN DEMO

WHO USES IT	Purchasing
ON THE SCREEN	PO number, supplier, dates, delivery location, lines, quantity, rate, VAT, totals, approval status
ACTIONS	Raise · approve · send to supplier · amend · close
WHY IT MATTERS	A purchase order is a promise, not a transaction. It moves no stock and books no cost — which is exactly why an unapproved PO is harmless and an unapproved GRN is not.

42 Goods receipt note

PHASE 1

LIVE IN DEMO

WHO USES IT	Warehouse
ON THE SCREEN	PO reference, supplier, receipt date, location, lines, quantity received vs ordered, condition, receiver
ACTIONS	Receive in full · part-receive · reject lines · post
WHY IT MATTERS	The moment stock legally becomes yours. Posting writes the stock movement and the accrual in one transaction — both, or neither, never one of the two.

43 Purchase invoice / bill

PHASE 1

WHO USES IT	Finance
ON THE SCREEN	Supplier, invoice number, date, lines, VAT, total, linked PO and GRN, match status
ACTIONS	Enter or import from PDF · match · approve · post
WHY IT MATTERS	This is where PDF extraction earns its place: the supplier already sent you the data, just not in a format you can use.

44 Three-way match exceptions

PHASE 2

WHO USES IT	Finance
ON THE SCREEN	PO price vs GRN quantity vs bill amount, variance value and percentage, tolerance breach reason
ACTIONS	Investigate · accept within tolerance · reject · escalate
WHY IT MATTERS	This screen is most of your fraud control in one table. A payment that cannot be raised against an unmatched bill closes off the commonest route to paying for goods nobody received.

45 Supplier payments & AP ageing

PHASE 2

WHO USES IT	Finance, Owner
ON THE SCREEN	Supplier, bills due, ageing buckets, payment run selection, bank account, remittance advice
ACTIONS	Select for payment · approve · generate transfer file · email remittance
WHY IT MATTERS	AP ageing is the mirror of AR ageing and it tells you the other half of your cash position: what you can safely delay, and what will cost you a supplier if you do.

Finance 10 SCREENS

46 Chart of accounts

PHASE 1

LIVE IN DEMO

WHO USES IT	Finance, Auditor
ON THE SCREEN	Account code, name, type, parent, current balance, active flag
ACTIONS	Add · edit · deactivate · export
WHY IT MATTERS	Have your accountant sign this off before a single transaction is posted. Restructuring a chart of accounts after twelve months of postings is the most expensive avoidable job in the whole project.

47 Journal entries

PHASE 2

LIVE IN DEMO

WHO USES IT	Finance
ON THE SCREEN	Voucher number, date, narration, debit and credit lines, amount, supporting document, status
ACTIONS	Raise · post · reverse · export
WHY IT MATTERS	Posted journals are immutable. Corrections are reversing entries, never edits — that single rule is the difference between a ledger and a spreadsheet.

48 Bank accounts

PHASE 2

WHO USES IT	Finance
ON THE SCREEN	Account name, bank, IBAN, currency, book balance, statement balance, last reconciled date
ACTIONS	Add · import statement · open reconciliation
WHY IT MATTERS	Showing book balance and statement balance side by side makes an unreconciled account impossible to ignore.

49 Bank reconciliation

PHASE 3

WHO USES IT	Finance
ON THE SCREEN	Statement lines, suggested matches, unmatched items both ways, reconciled difference
ACTIONS	Auto-match · match manually · create missing entry · finalise
WHY IT MATTERS	Automate the matching but never the finalisation. The unmatched items are the point of the exercise; a reconciliation that closes itself tells you nothing.

50 Expenses & petty cash

PHASE 1

LIVE IN DEMO

WHO USES IT	Everyone claims, Finance approves
ON THE SCREEN	Date, category, vendor, amount, VAT, receipt image, project, claimant, approval status
ACTIONS	Claim · attach receipt via photo or PDF · approve · reject · reimburse
WHY IT MATTERS	Photograph the receipt, let the extractor read the amount and VAT, and let a human approve. Nothing posts unapproved, and no claim is accepted without an attachment.

51 VAT return schedule

PHASE 2

LIVE IN DEMO

WHO USES IT	Finance, Accountant
ON THE SCREEN	Output tax by rate, input tax, blocked items, adjustments, net payable, FTA box layout
ACTIONS	Generate for period · drill to transactions · export schedule
WHY IT MATTERS	This produces the schedule your accountant keys into the FTA portal, plus the transaction-level backup behind every box. Direct e-filing needs an accredited integration and belongs in a later phase.

52 Trial balance

PHASE 2

WHO USES IT	Finance, Auditor
ON THE SCREEN	Every account with debit and credit totals and closing balance, for any cut-off date
ACTIONS	Run for date · drill to account · export
WHY IT MATTERS	If it does not net to zero, stop everything else. A trial balance that does not balance means a transaction was written outside the double-entry path, and it will never fix itself.

53 Profit & loss

PHASE 1

LIVE IN DEMO

WHO USES IT	Owner, Finance
ON THE SCREEN	Revenue, cost of sales, gross profit, payroll, overheads, net profit, each as a percentage of revenue, month by month
ACTIONS	Change period · compare to budget · drill down · export PDF
WHY IT MATTERS	The percentage-of-revenue column matters more than the absolute figures. Growing revenue with a falling gross margin is the failure mode that looks like success on a bank statement.

54 Balance sheet

PHASE 2

WHO USES IT	Owner, Finance, Auditor
ON THE SCREEN	Assets, liabilities and equity at any cut-off date, with prior-period comparison
ACTIONS	Run for date · compare periods · export
WHY IT MATTERS	The screen your bank and your auditor ask for first. Being able to produce it in ten seconds changes the tone of both conversations.

55 Cash flow

PHASE 3

WHO USES IT	Owner, Finance
ON THE SCREEN	Operating, investing and financing movements; opening and closing cash; forward projection from AR and AP
ACTIONS	Run for period · project forward · export
WHY IT MATTERS	Profit is an opinion, cash is a fact. The forward projection built from your own AR and AP ageing is worth more than the historical statement above it.

People 8 SCREENS

56 Employee list

PHASE 2

LIVE IN DEMO

WHO USES IT	HR, Owner, Finance
ON THE SCREEN	Employee number, name, department, designation, nationality, join date, salary, visa expiry, status
ACTIONS	Search · filter · export · create · open
WHY IT MATTERS	Salary and bank columns are visible to Owner, Finance and HR only, and are stripped at the query. Everyone else can use this screen without ever seeing pay data.

57 Employee detail & documents

PHASE 2

LIVE IN DEMO

WHO USES IT	HR, Owner
ON THE SCREEN	Full record, passport, visa, Emirates ID, labour card, contract, certificates, expiry dates, reporting line
ACTIONS	Edit · upload document · view expiry timeline · end service
WHY IT MATTERS	Emirates ID, passport and IBAN are encrypted at column level with a key held outside the database, so a stolen backup is useless to whoever takes it.

58 Attendance

PHASE 3

WHO USES IT	HR, Line managers
ON THE SCREEN	Daily in and out times, hours worked, late marks, absence, source device
ACTIONS	Import from biometric · adjust with reason · approve
WHY IT MATTERS	Only build this if it feeds payroll. Attendance data that nobody uses is a surveillance system with no business case attached.

59 Leave requests

PHASE 3

WHO USES IT	Everyone requests, HR approves
ON THE SCREEN	Leave type, dates, days, balance before and after, approver, handover notes
ACTIONS	Request · approve · reject · cancel
WHY IT MATTERS	Accrued but untaken leave is a real liability on your balance sheet. Tracking it here is what lets Finance put a number on it.

60 Payroll run & payslips

PHASE 2

LIVE IN DEMO

WHO USES IT	HR, Finance
ON THE SCREEN	Per employee: basic, allowances, overtime, deductions, gross, net; run totals; payslip PDF
ACTIONS	Build run · review · approve · post to ledger · email payslips
WHY IT MATTERS	The run posts once to the ledger and locks. A payroll that can be re-run after posting is a payroll that will eventually pay someone twice.

61 WPS SIF export

PHASE 2

LIVE IN DEMO

WHO USES IT	HR, Finance
ON THE SCREEN	Employer ID, per-employee person ID, IBAN, fixed and variable pay, days in period, batch totals
ACTIONS	Validate · generate SIF · download for the bank
WHY IT MATTERS	UAE salaries must go through the Wage Protection System, and the bank rejects the entire batch if one field is malformed. Validate on data entry, not on payday.

62 Document expiry alerts

PHASE 2

WHO USES IT	HR, Owner
ON THE SCREEN	Employee, document type, expiry date, days remaining, renewal status, owner
ACTIONS	Filter by horizon · mark renewal in progress · export
WHY IT MATTERS	Alerts at 90, 60, 30 and 0 days. A single missed visa renewal costs more in fines and disruption than a year of running this entire system.

63 Recruitment pipeline

PHASE 3

WHO USES IT	HR, Hiring managers
ON THE SCREEN	Vacancy, candidates by stage, source, interview notes, offer status
ACTIONS	Add candidate · move stage · record decision · convert to employee
WHY IT MATTERS	Worth building only once hiring is continuous. Below roughly one hire a month, a shared folder genuinely does the job.

64 Vessel register

PHASE 1

LIVE IN DEMO

WHO USES IT	Service, Projects, Sales
ON THE SCREEN	Vessel name, IMO number, hull type, owner/operator, flag, class society, DP class, year built, installed Tritex systems
ACTIONS	Filter · open · add vessel · view job history
WHY IT MATTERS	The hull is the real customer. One operator may run thirty vessels with different equipment on each, so a fault reported by phone is only answerable if the register tells you what is actually installed on that hull.

65 Installed base per vessel

PHASE 1

LIVE IN DEMO

WHO USES IT	Service, Engineering
ON THE SCREEN	Every system fitted to the hull with serial number, firmware revision, commissioning date, warranty expiry and last service date
ACTIONS	Open equipment · log service · check warranty · raise job
WHY IT MATTERS	This is the single most valuable screen a marine integrator can own. It turns "something is alarming on the bridge" into a serial number, a wiring revision and the right spare on the van before anyone travels.

66 Job list — new-build, retrofit, service

PHASE 2

LIVE IN DEMO

WHO USES IT	Project managers, Owner
ON THE SCREEN	Job number, type, vessel, client, manager, start and end dates, budget, spent, invoiced, progress, status
ACTIONS	Filter · export · create · open
WHY IT MATTERS	Sort by spent-against-budget rather than by value. The biggest job is rarely the one quietly losing you money.

67 Job detail & scope

PHASE 2

WHO USES IT	Project managers
ON THE SCREEN	Scope items, milestones, assigned engineers, costs booked, purchase orders, invoices raised, drawings and test records
ACTIONS	Add scope · book cost · raise invoice · close job
WHY IT MATTERS	Every cost must be bookable to a job — equipment, freight, engineer hours and offshore allowances alike. A job-costing screen fed by only some of your costs is worse than none, because it is confidently wrong.

68 Service call / work order

PHASE 1

LIVE IN DEMO

WHO USES IT	Service coordinator, Engineers
ON THE SCREEN	Call reference, vessel, reported fault, priority, port or offshore location, engineer assigned, parts issued, hours, sign-off
ACTIONS	Dispatch · issue parts · record findings · capture signature · close
WHY IT MATTERS	A breakdown call on a vessel sailing in six hours is a different animal from a scheduled retrofit. Give it its own fast screen or your engineers will keep running it through WhatsApp and you will never recover the parts or the hours.

69 Engineer dispatch board

PHASE 2

WHO USES IT	Service coordinator
ON THE SCREEN	Engineer, certification currency, current location, assigned calls, availability, travel status
ACTIONS	Assign · reschedule · view certifications
WHY IT MATTERS	Offshore work has a hard gate: an engineer without a current BOSIET or a valid vessel-specific induction cannot board. Showing certification currency on the dispatch board stops you sending someone who will be turned away at the gangway.

70 Commissioning & sea-trial checklist

PHASE 2

WHO USES IT	Commissioning engineers
ON THE SCREEN	Test points, expected vs measured values, pass/fail, witness (class surveyor / owner rep), signature, punch-list items
ACTIONS	Complete test · flag punch item · export signed record
WHY IT MATTERS	The commissioning record is what class and the owner accept against, and what you produce when a warranty claim arrives eighteen months later. Capture it in the system, not on a clipboard that is scanned once and lost.

71 Class certification & survey tracker

PHASE 2

WHO USES IT	QHSE, Service, Owner
ON THE SCREEN	Vessel, class society (BV / DNV / ABS / LR), certificate type, issue and expiry dates, next survey window, status
ACTIONS	Filter by expiry · attach certificate · schedule survey
WHY IT MATTERS	Certificates expire on a date fixed by class, not by convenience. A tracker that surfaces the 90-day window turns a scramble into a planned job you can quote for.

72 Warranty & service contract register

PHASE 2

WHO USES IT	Service, Finance
ON THE SCREEN	Vessel, system, contract type (warranty / AMC / on-call), cover start and end, response SLA, visits used vs entitled
ACTIONS	Open contract · log visit · renew · invoice
WHY IT MATTERS	Warranty work is unpaid and contract work is prepaid, and both look identical on a job sheet. If the system cannot tell them apart, you will bill a client for work you already owed them and lose the account over the invoice, not the fault.

73 Timesheets & offshore allowances

PHASE 3

WHO USES IT	Engineers enter, managers approve
ON THE SCREEN	Date, job, vessel, hours, offshore/onshore flag, travel time, allowance rate, billable flag, approval status
ACTIONS	Enter · submit · approve · lock period
WHY IT MATTERS	Engineer time is the largest recoverable cost in this business and the easiest to lose. Offshore day rates and travel time need to be separable, because they bill differently and are the first things a client queries.

74 Job costing — budget vs actual

PHASE 2

LIVE IN DEMO

WHO USES IT	Owner, Finance, PMs
ON THE SCREEN	Budget, committed, actual, invoiced, variance and margin per job, with drill-down to source
ACTIONS	Compare · drill to transaction · export
WHY IT MATTERS	The screen that answers the question every owner actually has: which of this work made money? Committed cost — ordered but not yet received — is the column people forget, and it is the one that turns a healthy job red.

Data in / out 5 SCREENS

75 Import wizard

PHASE 1

LIVE IN DEMO

WHO USES IT	Finance, Purchasing, HR, Admin
ON THE SCREEN	Target selection, duplicate-handling rule, drop zone, format guidance
ACTIONS	Upload CSV, Excel or PDF · download a template · run a sample
WHY IT MATTERS	If your team cannot get their existing spreadsheets in on day one, they keep the spreadsheets — and then you are running two systems instead of one. Adoption is decided on this screen.

76 Field mapping

PHASE 1

LIVE IN DEMO

WHO USES IT Whoever is importing

ON THE SCREEN Source column, target field, match confidence, sample rows as read

ACTIONS Auto-map · correct a mapping · ignore a column · save as template

WHY IT MATTERS Fuzzy matching resolves "TRN Number", "Tax Reg No" and "VAT NUMBER" to the same field and shows its confidence. You only correct what it got wrong.

77 Validation & error queue

PHASE 1

LIVE IN DEMO

WHO USES IT Whoever is importing

ON THE SCREEN Rows passed, rows rejected, file line number, plain-English reason per failure

ACTIONS Review · download error report · fix and re-upload · commit good rows

WHY IT MATTERS Errors name the file line and the reason, so the report can be handed straight back to whoever produced the file. Nothing enters the ledger unvalidated.

78 Export centre

PHASE 1

LIVE IN DEMO

WHO USES IT Everyone, within their permissions

ON THE SCREEN Every dataset with its row and column count, format buttons, scheduled export list

ACTIONS Export CSV, Excel, PDF or JSON · schedule a recurring export

WHY IT MATTERS Masked columns are removed before the file is generated, not hidden afterwards. Verify it by exporting the item list as a Sales user and reading the header row.

79 Scheduled reports

PHASE 2

WHO USES IT Owner, Finance

ON THE SCREEN Report, schedule, format, recipients, last run, next run

ACTIONS Create schedule · test send · pause · view history

WHY IT MATTERS AR ageing every Monday at 07:00, stock valuation on the 1st, VAT schedule each quarter. The reports that get read are the ones that arrive without being asked for.

Admin & security 8 SCREENS

80 Users

PHASE 1

LIVE IN DEMO

WHO USES IT Owner, IT admin

ON THE SCREEN Name, email, role, MFA status, last sign-in, account status

ACTIONS Invite · change role · reset MFA · suspend · remove

WHY IT MATTERS Review this screen quarterly. Dormant accounts belonging to people who left are the most common way an ex-employee still has your data.

81 Roles & permission matrix

PHASE 1

LIVE IN DEMO

WHO USES IT	Owner
ON THE SCREEN	Role by module grid showing full, partial or no access, plus the field-level masking rules
ACTIONS	Adjust · clone a role · preview as role
WHY IT MATTERS	The preview-as-role function is the only honest way to test permissions. Reading a matrix tells you what you intended; previewing tells you what you built.

82 Audit trail

PHASE 1

LIVE IN DEMO

WHO USES IT	Owner, Auditor
ON THE SCREEN	Timestamp, user, role at the time, action, record, source IP, before and after values
ACTIONS	Filter by user, action, record or date · export
WHY IT MATTERS	Append-only, written by database trigger inside the same transaction as the change, insert-only grant for every application role including the owner's. Doctoring it requires database superuser access, which is a different and much louder kind of event.

83 Approval workflows

PHASE 2

WHO USES IT	Owner, Finance
ON THE SCREEN	Document type, threshold, approver chain, escalation after N days, delegation during leave
ACTIONS	Define rule · set thresholds · assign approvers · test
WHY IT MATTERS	Set thresholds by value, and always configure a delegate. An approval chain with no delegation stops the company every time someone takes a holiday.

84 Document vault

PHASE 2

WHO USES IT	Everyone, within permissions
ON THE SCREEN	Trade licences, contracts, certificates, staff documents, expiry dates, linked record
ACTIONS	Upload · link to a record · set expiry · share by signed link
WHY IT MATTERS	Files live in object storage behind signed URLs that expire in minutes, never in a public bucket and never in the database.

85 Integrations & API keys

PHASE 3

WHO USES IT	Owner, IT admin
ON THE SCREEN	Connected services, API keys with scope and last use, webhook endpoints, delivery logs
ACTIONS	Create key · scope it · rotate · revoke · replay a webhook
WHY IT MATTERS	Scope every key to the minimum it needs and show last-used dates, so keys that nothing depends on can be revoked with confidence.

86 Backup & restore

PHASE 2

WHO USES IT	Owner, IT admin
ON THE SCREEN	Backup schedule, last successful run, retention, restore points, last restore test result
ACTIONS	Run backup now · restore to a point in time · run a restore test
WHY IT MATTERS	Surface the last successful restore test on this screen. An untested backup is a rumour, and you find out which it was on the worst possible day.

87 System settings

PHASE 1

LIVE IN DEMO

WHO USES IT	Owner
ON THE SCREEN	Company, tax rates and filing period, document numbering, currencies, branches, security policy, retention
ACTIONS	Edit · view change history
WHY IT MATTERS	Gapless invoice numbering, a correctly printing TRN, seven-year audit retention and a tested restore. Those four settings are the difference between an audit that takes a morning and one that takes a month.

Reporting 4 SCREENS

88 Report library

PHASE 1

LIVE IN DEMO

WHO USES IT	Everyone, within permissions
ON THE SCREEN	Standing reports grouped by module with a one-line description of each
ACTIONS	Filter by group · run · schedule · export
WHY IT MATTERS	Twenty well-chosen standing reports get used. A report builder given to everyone produces two hundred reports, of which four are ever opened.

89 Report builder

PHASE 3

WHO USES IT	Finance, Owner
ON THE SCREEN	Field picker, filters, grouping, totals, chart type, save and share
ACTIONS	Build · preview · save · share · schedule
WHY IT MATTERS	A phase-three item on purpose. Build it once you know which reports people keep asking you to write for them — that list is the specification.

90 KPI dashboards

PHASE 2

WHO USES IT	Owner, department heads
ON THE SCREEN	Configurable tiles and charts per role, target vs actual, trend arrows
ACTIONS	Choose tiles · set targets · share with a role
WHY IT MATTERS	Set a target on every KPI. A number without a target is trivia; a number against a target is management.

WHO USES IT	Owner, Finance
ON THE SCREEN	Condition, threshold, schedule, recipients, channel, firing history
ACTIONS	Create rule · test · mute · view history
WHY IT MATTERS	This is what turns the ERP from something you check into something that tells you. It is also the easiest feature to over-configure into noise, so start with five rules, not fifty.

6 • Data model

Roughly 45 tables in total. These six are the ones everything else hangs off; the rest follow the same shape — an identifier, the business fields, and the four audit columns every row carries.

`client` *The customer master*

code / name / trn	Unique per company. The TRN prints on every tax invoice — a wrong one costs your customer their input claim.
payment_terms	Drives the due date on every invoice automatically, so nobody types one.
credit_limit	Enforced at order entry, not discovered at month end. Zero means cash only.
balance	Derived from the ledger, never typed. The moment a balance can be edited, reconciliation becomes an opinion.
status	On Hold blocks new orders at the API, not with a warning dialog someone can click past.

`item` • `stock_level` • `stock_move` *Inventory, held as a ledger*

item.sku	The natural key. Imports match on it, which is what makes re-importing the same file safe.
item.cost	Four decimal places — rounding at two drifts on high-volume, low-value stock. Hidden from Sales.
stock_level	Quantity belongs to a location and bin, never to the item. The item total is a sum.
stock_move	Append-only, no updates and no deletions. This is the table an auditor reads.
stock_move.qty_delta	Signed. A transfer is two rows netting to zero, written in one transaction.

`invoice` • `invoice_line` *The tax document*

number	Gapless, allocated by a database sequence inside the transaction. Cancelled invoices are voided, never reused.
currency / fx_rate	The rate is frozen on the document. Re-deriving it later silently rewrites history.
line.tax_amount	VAT computed per line and then summed. Computing on the total gives rounding differences a tax audit will find.
grand_total	Stored for speed, with a constraint asserting it still equals the sum of its lines.
status	Derived from receipts. A posted invoice is immutable; corrections are credit notes.

purchase_order → goods_receipt → bill *The buying chain*

purchase_order	A promise, not a transaction. Moves no stock and books no cost.
goods_receipt	The moment stock becomes yours. Writes the movement and the accrual together, or neither.
bill	Three-way match — PO price, GRN quantity, bill total. Any variance above tolerance stops for a human.
supplier_payment	Cannot be raised against an unmatched bill. That single constraint is most of your fraud control.

employee *The table with the sharp edges*

emirates_id / passport_no	Encrypted at column level with a key held outside the database, so a stolen backup is useless.
iban	Encrypted and masked everywhere except the payroll run itself.
basic_salary	Row-level security — Owner, Finance and HR only. The API never sends it to anyone else.
visa_expiry	Indexed and alerted at 90, 60, 30 and 0 days. This one field pays for the system on its own.
person_id / employer_id	Required for WPS. A malformed value rejects the entire salary batch, so it is validated on entry.

audit_log *The table nobody can write to*

occurred_at	Database clock, not the browser clock.
actor_user_id / actor_role	The role in force at the time, not the role the person holds today.
before / after	Changed fields only, as JSON. Enough to reconstruct, small enough to keep for seven years.
grants	Insert-only for every application role including the owner. Altering it needs database superuser access.

The mistake almost everyone makes

Storing quantity-on-hand as an editable column on the item and updating it from five different places. Six months later the number is wrong and nobody can prove when it went wrong. Stock is a ledger: you append movements and derive the balance. It is marginally more work on day one and it saves the whole system on day four hundred.

7 • Getting data in and out

This is the feature that decides whether the system gets adopted or quietly abandoned. If the team cannot get their existing spreadsheets in on day one, they keep the spreadsheets — and then there are two systems.

- 1

Drop the file

CSV with any delimiter — comma, semicolon, tab or pipe, detected automatically — plus .xlsx, .xls and PDF. Quoted fields, embedded line breaks, Excel's byte-order mark and Arabic text all handled.
- 2

Map the columns, mostly automatically

"TRN Number", "Tax Reg No" and "VAT NUMBER" resolve to the same field, each with a confidence score. In the demo, a seven-column spreadsheet with headers like PURCHASE_PRICE maps seven out of seven with no help.
- 3

Validate before anything is written

Required fields, number formats, date parsing, permitted values, duplicates inside the file and duplicates against existing records. Failures go to an error queue naming the file line and the reason, downloadable as a CSV to hand back to whoever produced it.
- 4

Commit in one transaction

Good rows are written together or not at all. Each row stores a hash of its source line, so re-running the same file is a no-op instead of a duplicate — the commonest way an import destroys an inventory.

PDF is a different path, and it should be

KIND OF PDF	HOW IT IS READ	WHAT YOU GET
Has a text layer Exported from any accounting system	Text extracted directly, fields matched by pattern	Supplier, document number, date, TRN, currency, VAT and total, plus line items, each with a confidence score. The demo does this in the browser, live.
A scan or a photograph Someone photographed a paper receipt	Optical character recognition, server-side	The same result and the same confidence scores, at roughly one to four US cents per page.

Never auto-post a PDF

Extraction is probabilistic; a ledger is not. Fields above the confidence gate are pre-filled and everything else stops for a human. The record is created as a draft and still has to pass the three-way match against the purchase order and the goods receipt before it can be paid. Skip that gate to save thirty seconds and you will eventually pay a supplier twice.

Getting data out

FORMAT	PRODUCED BY	USED FOR
CSV	Streamed, UTF-8 with byte-order mark	Anything that will be re-imported elsewhere. Opens correctly in Excel, including Arabic.
Excel	Server-side, with real typed cells	Handing a workbook to your accountant where the numbers are numbers, not text.
PDF	Server-side rendering	Invoices, statements, the ageing report the bank asks for. Identical on every device.
JSON	REST endpoint	Feeding a dashboard, a business-intelligence tool or another system.
Scheduled	Background queue and email	Receivables ageing every Monday at 07:00; stock valuation on the 1st. Nobody has to remember.

Masking happens before the file exists

When a sales user exports the item list, the cost column is not hidden inside the spreadsheet — it was never selected from the database. The same applies to salaries, bank details and identity documents. It can be verified in the demo: switch the role to Sales Executive, open the item master, export the CSV and read the header row.

8 · Security & compliance

Fourteen controls, in the order they should be implemented. The seven marked "day one" are not optional extras — they are cheap to build in at the start and expensive to retrofit once there is live data.

#	CONTROL	WHEN	WHAT IT MEANS IN PRACTICE
1	Multi-factor authentication on every write role	DAY ONE	App-generated codes. A stolen password alone gets nobody in. Read-only roles may be exempt; anyone who can post a payment may not.
2	Role-based access enforced in the database	DAY ONE	Row-level security policies. A query for records outside a user's scope returns nothing — there is no endpoint left to forget to protect.
3	Field-level masking	DAY ONE	Cost prices, salaries, bank details and identity documents, removed at the query so the interface, the API and every export agree.
4	Immutable audit trail	DAY ONE	Written by database trigger, insert-only grant, seven-year retention. Who, what, when, from where, and the before and after values.
5	Encryption in transit and at rest	DAY ONE	TLS 1.3 everywhere, AES-256 volume encryption, strict transport security and secure cookies.
6	Column encryption for identity data	DAY ONE	Emirates ID, passport and IBAN encrypted with a key held in a managed key service outside the database. A leaked backup is then noise.
7	Tested backups	DAY ONE	Daily snapshot plus point-in-time recovery in a separate region, and an automated monthly restore that raises an alert when it fails. An untested backup is a rumour.
8	Maker-checker approvals	WEEK 6	Supplier payments, price changes, credit notes, stock write-offs and role changes each need a second person. This is where internal fraud actually happens.
9	Session policy	WEEK 4	Thirty-minute idle timeout, a visible device list, and forced re-authentication before payment actions.
10	Rate limiting and account lockout	WEEK 4	Five failed sign-ins locks the account for fifteen minutes and alerts the owner. Per-address limits on the API.
11	Signed, expiring document links	WEEK 4	A link to a passport scan works for five minutes, for one authenticated user. Object storage is never public.
12	Export logging and thresholds	WEEK 8	Every export records the user, dataset, row count and columns. Bulk exports above a threshold can require a second approver.

#	CONTROL	WHEN	WHAT IT MEANS IN PRACTICE
13	Dependency and secret scanning	DAY ONE	Automated dependency alerts, secret scanning in the build pipeline, and a vault for credentials. No secrets in the repository, ever.
14	Independent penetration test	BEFORE GO-LIVE	One external review, typically \$3,000–8,000 in the UAE. Cheaper than the first breach by several orders of magnitude.

On UAE data protection

The federal Personal Data Protection Law (Decree-Law 45 of 2021) governs personal data — which in practice means your employees' documents far more than your stock records. There is no blanket data-residency mandate for a private trading company, but regulated sectors such as healthcare and finance, entities in the DIFC or ADGM, and some government contracts carry their own requirements. Where there is doubt, or where public-sector work is expected, hosting in the AWS UAE region or Azure UAE North removes the question entirely.

This is a summary of the general landscape for planning purposes and is not legal advice. Specific obligations should be confirmed with a UAE-qualified lawyer before go-live.

9 • Hosting & database

Why PostgreSQL

OPTION	VERDICT	REASONING
PostgreSQL	RECOMMENDED	Real transactions, which become mandatory the moment there is double-entry accounting. Row-level security gives the cleanest permission model available. JSONB absorbs the custom fields every business turns out to need. Full-text search is included. It runs anywhere and every developer knows it.
MySQL / MariaDB	WORKABLE	Perfectly capable, but weaker JSON handling and no row-level security, so permissions move back into application code where they are easier to get wrong.
MongoDB	WRONG TOOL	An ERP is relentlessly relational — an invoice line references an item which references a supplier. Enforcing that by hand in application code is a decade of avoidable bugs.
Airtable / Sheets	NOT A SYSTEM OF RECORD	No transactions, no real permissions, no audit trail, and it degrades badly past a few tens of thousands of rows. Excellent for validating an idea; fatal as the place the numbers live.

Three hosting options

A • Single server

~\$25 / MONTH

Application, database, queue and backups on one machine you control completely. Cheapest by a wide margin and genuinely adequate for one company under about twenty users.

Trade-off: you are the system administrator. Patching, monitoring and the restore drill are yours — roughly two hours a month, and a bad night is a long night.

B • Managed platform

~\$134 / MONTH • RECOMMENDED

Database, authentication, storage, row-level security and point-in-time recovery all arrive configured. Effort goes into features rather than infrastructure.

Trade-off: costs more, and you inherit someone else's outage. It is still standard PostgreSQL underneath, so leaving is a database dump, not a rewrite.

C • UAE cloud region

~\$640 / MONTH

AWS UAE or Azure UAE North with a multi-availability-zone database. The answer when data residency is contractual or you are selling to government.

Trade-off: four to five times option B, and it needs someone who genuinely knows the platform. Choose it because a contract requires it, not for comfort.

Recommendation

Start on option B. It reaches a working system fastest and every component is standard, so nothing gets stranded. Move to option C the day a customer contract or a regulator asks for UAE residency — that migration is a dump, a restore and a DNS change, roughly a weekend of work. Choose option A only if the monthly cost genuinely matters more than the maintenance burden.

10 • Investment

All figures are US dollars, excluding VAT, and reflect published list prices at the time of writing. Providers change them; treat these as accurate to about fifteen per cent and confirm at the point of purchase.

9.1 • Monthly running cost

Tier A — up to 5 users

SINGLE SERVER	US\$ / MONTH
Virtual server, 4 vCPU / 8 GB — application, database and queue	18
Off-site encrypted backup storage	4
Object storage, ~100 GB of documents	2
Domain, DNS and web application firewall	1
Transactional email (free tier)	0
Error monitoring and uptime checks (free tiers)	0
Total	25

Approximately AED 92 per month.

Tier B — 10 to 30 users

RECOMMENDED

MANAGED PLATFORM	US\$ / MONTH
Application hosting	20
Managed PostgreSQL — 8 GB, 100 GB storage	25
Database compute upgrade	5
Object storage, ~500 GB	8
Managed Redis — queues and cache	10
Transactional email, 50,000 messages	20
Error monitoring and performance tracing	26
Background job platform	20
Total	134

Approximately AED 492 per month. Optional additions: seven-day point-in-time recovery at \$100, and document extraction for scanned PDFs at \$30–80 for around 2,000 pages.

Tier C — 50 to 150 users, UAE residency

UAE CLOUD REGION	US\$ / MONTH
Application hosting, seats and usage	80
Managed PostgreSQL, multi-zone with read replica	250
Managed Redis	40
Object storage, ~2 TB including egress	35
Email, SMS and WhatsApp	60
Observability — errors, logs and traces	90
Disaster recovery — second region	60
Web application firewall and bot management	25
Total	640

Approximately AED 2350 per month.

9.2 · Against buying a packaged ERP, at 25 users

OPTION	US\$ / MONTH	US\$ / YEAR	WHAT THAT BUYS, AND WHAT IT DOES NOT
This system, tier B	134	1,608	Flat. The twenty-sixth user costs nothing. The code and the data are yours outright.
Odoo Standard	778	9,330	\$31.10 per user in year one, then \$38.90 — so year two is \$11,670. Mature and very broad; rented indefinitely, and customisation means engaging a partner.
Odoo Custom	1,525	18,300	\$61 per user in year one, then \$76.20. Adds the visual customisation studio, multi-company and API access.
Zoho One	925	11,100	\$37 per employee per month on the all-employee plan — note that is every employee, not every user of the system.
SAP Business One	2,275	27,300	\$91 per professional user, plus an implementation that typically runs \$20,000–80,000. Genuine enterprise depth, most of which will go unused.
Oracle NetSuite	3,474	41,690	Around \$999 base plus roughly \$99 per user, plus a six-figure implementation. The wrong shape at this size.

9.3 · Build investment

DELIVERY APPROACH	PHASE 1 (43 SCREENS)	ELAPSED	ASSESSMENT
One developer, AI-assisted	\$10,000–25,000	8–12 weeks	Roughly 250–450 hours of human time, most of it review, integration and migration rather than typing. This is where the economics work, and it is the approach proposed here.

DELIVERY APPROACH	PHASE 1 (43 SCREENS)	ELAPSED	ASSESSMENT
In-house, AI-assisted	Subscription plus your own time	10–16 weeks	Viable, but someone internal must own the accounting logic and carry the delivery risk.
Offshore development shop	\$27,000–84,000	4–7 months	900–1,400 hours at \$30–60. Quality varies enormously and the specification burden falls on you.
Local agency	\$60,000–150,000	5–9 months	You are buying accountability and a phone number in the same time zone.

Add to any of the above: an independent penetration test at \$3,000–8,000; an accountant to sign off the chart of accounts and VAT treatment at \$1,000–3,000; and — the item most often forgotten — **migration from the system you run today**, for which two to four weeks should be budgeted, followed by a full month of parallel running before anything is switched off.

The commercial argument, in one sentence

Packaged ERP is priced per seat and a system you own is priced per server. At five users, buy the package. At twenty-five you are paying around \$9,300 a year to rent software you cannot change. At a hundred users it is \$37,000 a year — and by then the build has repaid itself several times over and the asset is on your books.

11 • Delivery plan

Sixteen weeks, in dependency order. Each week has a definition of done that can be demonstrated, not a percentage complete. Phase 1 finishes at week 8 and could go live there if you chose to.

WEEK	BUILD	DONE MEANS
1	Schema, authentication, roles and application shell	You can sign in as three different roles and see three different navigations.
2-3	Clients, items and suppliers, plus the import wizard	Your real master data is loaded, imported from your existing spreadsheets.
4-5	Purchase order → goods receipt → stock ledger	A real shipment is received and the resulting stock figure is correct and provable.
6-7	Quotation → invoice → receipt → receivables ageing	You raise a real VAT invoice and record a real payment against it.
8	Reports, export centre and the PDF pipeline	Phase 1 complete. The business could be run on it from this point.
9	Expenses, chart of accounts and journals	Every module posts to the ledger and the trial balance nets to zero.
10	VAT schedule and accountant review	Your accountant confirms the quarter against their own working papers.
11	Employees, payroll and the WPS file	The bank accepts a test salary file.
12	Projects and job costing	You can see which jobs made money and which did not.
13	Approvals, audit hardening and a backup drill	The database is restored from a backup and works.
14	Independent penetration test and remediation	Findings closed and retested.
15	Data migration and start of parallel running	Both systems produce the same closing balances.
16	Training and cutover	The old system goes read-only. It is not deleted — keep it for a year.

The failure mode to plan against

It is never the code — it is week 15. Every ERP project that goes wrong goes wrong at migration: legacy stock quantities do not reconcile, three years of half-finished purchase orders have no clean equivalent, and somebody wants to go live anyway because a date was promised. Run both systems in parallel for a full month, comparing the closing trial balance. If they disagree, do not cut over, whatever the date says.

12 • Assumptions, exclusions & risks

11.1 • Assumptions

- ✓ A single legal entity and one base currency at go-live. Multi-entity consolidation is a phase-3 item.
- ✓ One nominated person on your side owns decisions and is available for a weekly review of about an hour.
- ✓ Your accountant signs off the chart of accounts and the VAT treatment before any transaction is posted.
- ✓ Legacy data can be extracted to CSV or Excel. If the current system has no export, add two weeks.
- ✓ Users have modern browsers. No support for Internet Explorer or for offline working.

11.2 • Excluded from this scope

- Direct electronic filing to the Federal Tax Authority — this requires an accredited integration and is a later phase. The system produces the filing schedule and its transaction backup.
- Manufacturing planning, bills of materials and production scheduling.
- A customer-facing portal or e-commerce storefront.
- Point-of-sale hardware, and integration with existing POS terminals.
- Mobile applications for app stores. The system is responsive and works in a phone browser.
- Data entry, cleansing and reconciliation of your legacy records — supported and tooled, but performed by your team who know what the fields mean.

11.3 • Risks and mitigations

RISK	LIKELIHOOD	MITIGATION
Legacy data does not reconcile at migration	HIGH	The most likely thing to go wrong on this project. Mitigated by a full month of parallel running and a trial-balance comparison as the cutover gate, not a date.
Scope grows during the build	HIGH	Phase 1 is fixed at 43 named screens listed in section 4. Additions go to phase 2 by default, not into the current sprint.
Accounting logic is wrong in a way nobody notices	MEDIUM	Known-answer test fixtures for every posting rule, plus an accountant sign-off gate at week 10 before real transactions accumulate.
Staff resist and keep using spreadsheets	MEDIUM	Why the import wizard is a phase-1 item rather than a nice-to-have. If their spreadsheet loads in ninety seconds, the objection disappears.
Key-person dependency on the developer	MEDIUM	Standard, widely known technology; the repository, documentation and infrastructure accounts are in your name from week one, not handed over at the end.
Provider price rises or an outage	LOW	Every component is portable. The database is standard PostgreSQL, so moving providers is a dump and a restore rather than a rebuild.

13 • Next steps

- 1

Use the demo

Spend twenty minutes in the live demonstration. Switch roles, filter a table, open a record, upload a spreadsheet, export a PDF. It is the fastest way to decide whether this is the right shape.
- 2

Mark up section 4

Go through the 91 screens and strike out what you do not need, flag what is missing, and move anything urgent from phase 2 into phase 1. The catalogue is designed to be edited.
- 3

A two-hour working session

Walk your actual process — how an order really arrives, who really approves what — and reconcile it against the screen list. This session is where most of the value in the specification gets created.
- 4

Fix phase 1 and start

A confirmed screen list, a start date and access to a sample of your live data. Week 1 delivers a working sign-in with roles.

PREPARED BY

Aziz Saif

aziz@azizsaif.com · +971 55 649 2370
azizsaif.com · Dubai, United Arab Emirates

PREPARED FOR

[Client name]

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Pricing in section 9 reflects third-party list prices published at the time of writing and is indicative rather than a quotation from those providers. The build ranges in section 9.3 are estimates based on the scope defined in section 4; a fixed price can be given once phase 1 is confirmed. Nothing in this document constitutes legal, tax or accounting advice.