

DistilleryOS

— The Operating System for UK Distilleries,
Contract Bottlers & Bonded 3PL Warehouses

"Born inside a working UK craft distillery and a 47-client HMRC bonded warehouse. One unified platform replacing four disconnected systems."

THE PROBLEM: STOP PAYING THE SPREADSHEET & 4-APP TAX

Most UK distilleries and bonded warehouses are forced to stitch together four incompatible tools: **(1) US-centric distillery apps** built for TTB Proof Gallons instead of HMRC OIML R22 Litres of Pure Alcohol (LPA), **(2) generic 3PL warehouse software** completely blind to excise duty, regauging, and cask maturation, **(3) fragile Notice 197 / W5 spreadsheets** where a single broken formula risks an HMRC assessment, and **(4) manual Xero re-typing** that leaks thousands of pounds in unbilled 3PL pallet, sampling, and dry-goods charges. **DistilleryOS replaces all four** with one UK-native operating system.

LIVE PRODUCTION SCREENSHOTS · ONE CASK, ONE RECORD ACROSS BOND, BOTTLING & FINANCE



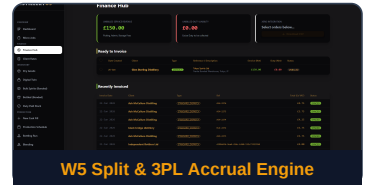
One Cask — One Record HUD



60 FPS 3D Bonded Twin



OPS Director & Duty Telemetry



W5 Split & 3PL Accrual Engine

THE 6 CORE OPERATIONAL PILLARS (ALL INCLUDED IN THE £350/MO LICENSE)

01 HMRC Notice 197, Notice 207 & W5 Engine

Immutable bonded daybook, OIML R22 20°C LPA maths, EMCS ARC tracking, automatic W5 home-market two-invoice split (Account 820 0% VAT duty pass-through + Account 200 20% VAT services), and sealed Notice 197/207 remission & drawback certificates.

02 Stillhouse, Formulations & Split-BOM Bottling

Distillation vs. Compounding recipes, density (kg/L) scaling, Split-BOM dry goods depletion (**AM STOCK** vs. Customer Free-Issue), and 7-step floor tablet runner with Shelly BLE / 4-digit PIN sign-off.

03 BRCGS Issue 9, SALSA & HACCP Traceability

Pre-run CCP interlocks (rinser & water lab), supplier CoA & raw-material lot gates, Goods-In photo dockets, and 1-click SHA-256 tamper-evident **Batch Release Dossiers**.

04 60 FPS 3D Digital Twin & StaveSage™ Physics

Interactive 3D warehouse twin (pallet stacks & steel racking), Wood/Owner/Thermal/Fill visual lenses, Arrhenius evaporation modelling, and tokenized investor cask views.

05 3PL Logistics, Carrier Labels & OPS Director

Unified Goods In & Goods Out desks, Royal Mail Click & Drop / DHL / Palletways / Supplier Dry-Goods transfers, automated monthly accrual tabs (£5/pallet, £2.50/loose), and 2-stage OPS Director -> Accounts Xero sync.

06 Branded Client Portal & AI Copilot (gpt-4.1)

24/7 self-service portal for brand owners (live Bonded/Duty-Paid/Dry Goods stock, live duty checkout preview, delivery photo dockets, rate cards, AWRS hub, and read-only AI Copilot).

Why DistilleryOS Wins: Head-to-Head Comparison & Self-Funding ROI

Built specifically for UK HMRC Excise Law, BRCGS Issue 9 Contract Bottling, and Multi-Client 3PL Revenue Recovery.

Capability	DistilleryOS (UK)	US Distillery ERP (Hoochware / Whiskey Sys.)	Generic 3PL WMS (Mintsoft / Cin7)	Spreadsheets + Xero
1. UK HMRC Notice 197 Immutable Bonded Daybook & W5 Returns	✓ Native (OIML R22 + W1/W5)	X US TTB Proof Gallons Only	X None (Blind to Excise)	Manual / Fragile Formulas
2. HMRC Notice 207 Duty Drawback & Notice 197 Remission Certificates	✓ 1-Click Sealed PDF Packs	X Not Supported	X Not Supported	Manual Word Templates
3. Automatic W5 Two-Invoice Duty Split (Xero Account 820 0% VAT / Account 200 20% VAT)	✓ Automated Dual-Invoice Push	X Single US Invoice Only	X Standard VAT Billing Only	Manual Split & Re-Keying
4. OIML R22 20°C LPA Temperature Compensation & EMCS ARC Tracking	✓ Built-In Hydrometer & ARC Engine	X 60°F US Gauging Tables	X Case / SKU Count Only	Disconnected Lookup Tables
5. Distillation & Compounding Recipes with Split-BOM Dry Goods (AM_STOCK vs Free-Issue)	✓ Full Split-BOM Auto-Recharge	Partial (No 3PL Split-BOM)	X No Liquid / ABV Maths	High Leakage of House Stock
6. BRCGS Issue 9 / SALSA SHA-256 Tamper-Evident Batch Release Dossiers	✓ 1-Click Cryptographic PDF	X Basic Batch Logs Only	X Warehouse Dispatch Only	3+ Hours of Paper Chasing
7. Floor Tablet Runner with CCP Interlocks (Rinser & Water Lab) & Intake Photo Dockets	✓ Hard-Gated Tablet + PIN Sign-Off	X Desktop Forms Only	Barcode Picking Only	Paper Clipboards on Floor
8. Interactive 60 FPS 3D Warehouse Digital Twin & StaveSage™ Maturation Physics	✓ Live 3D Twin + Arrhenius Engine	X 2D Grid / Static Lists	X 2D Bin Locations Only	X Blind Row/Bay Codes
9. Automated 3PL Monthly Handling & Storage Accrual Engine (OPS Director)	✓ Live Tab (£5/plt, £2.50/loose)	X No 3PL Billing Engine	Complex Per-Order Rules	15–20% Unbilled Revenue Leak
10. Multi-Carrier Dispatch (Royal Mail Click & Drop, DHL, Palletways) + 2-Stage Xero Sync	✓ Unified Desk -> Xero Drafts	X US Carriers Only	✓ Carrier Labels (Extra ££)	Manual CSV Uploads
11. Branded 3PL Client Portal with Live Excise Duty Checkout & AI Copilot (gpt-4.1)	✓ Included (Monetizable at £25/mo)	X Internal Staff Only	Basic Stock View (Paid Add-On)	Endless Email Stock Queries
12. Pricing Model	£350/mo Flat — All Unlimited	Per-Barrel / Tiered Upsells (£600+)	Per-Order / Per-User Fees (£800+)	Hidden Staff & Error Cost

COMMERCIAL ROI: HOW DISTILLERYOS BECOMES 100% SELF-FUNDING IN WEEK 1

£400–£1,200/mo Recovered

PILLAR A — CAPTURE EVERY LEAKED 3PL HANDLING FEE

Automatically bills every **£5.00** pallet intake, **£2.50** loose delivery, **£25** cask regauge/sample, and house packaging item (**AM_STOCK**) straight onto the customer's monthly accrual tab—zero forgotten clipboard notes.

14 Clients = £350/mo (100% Covered)

PILLAR B — TURN THE CLIENT PORTAL INTO A PROFIT CENTRE

Charge your 3PL or cask storage clients **£25/month** for 24/7 branded Client Portal access (live stock, photo dockets, duty calculator & AI Copilot). **Just 14 clients = £350/month—making DistilleryOS 100% self-funding.**

15+ Hours/mo Saved

PILLAR C — ELIMINATE 15+ HOURS/MONTH OF COMPLIANCE ADMIN

Instant HMRC Notice 197 bonded daybooks, automatic W5 two-invoice duty splits (Accounts 820 & 200), Notice 207 drawback packs, and 1-click SHA-256 BRCGS batch release dossiers with zero spreadsheet reconciliation.

THE DISTILLERY LICENSE · ALL-INCLUSIVE FLAT SAAS PRICING

£350 / month flat (billed annually, or £400 month-to-month · 14-day free trial)

✓ Unlimited Users · ✓ Unlimited Casks · ✓ Unlimited 3PL Clients · ✓ All 6 Modules Included

Book a 15-minute live walkthrough of the 3D Digital Twin & Notice 197 Engine: www.distilleryos.com | sales@distilleryos.com