VEKTOR

BY

INVESTPUPPY

VEKTOR · REFERENCE OUTPUT

SGX Equity Mandate

For DPMs, family office principals, and prospective partners

IP-REF-260611-1.0

August 2026

InvestPuppy

IP-REF-260611-1.0 · REFERENCE OUTPUT · SGX EQUITY MANDATE

ABOUT THIS DOCUMENT

This document shows what Vektor produces — not slides, not wireframes, not prototypes. Actual platform output, running on Singapore equity market data, following the canonical eleven-step workflow from the first universe screen to funded positions and the first live trade signal cycle.

The mandate used throughout: an SGX equity strategy, ten instruments, benchmarked against the Straits Times Index (STI), funded with SGD 500,000. Every figure, every table, and every screenshot references real output from the Vektor platform running on Yahoo Finance market data. Client names are demonstration data.

Data source: The platform is currently validated using Yahoo Finance. A professional-grade data feed (Bloomberg B-PIPE or equivalent) is required for production and is a defined Proof Partners co-development item. The methodology, construction logic, and allocation precision shown here are independent of the data source choice.

2-level	98.94%	10	SGD 500K
validation	capital allocation efficiency†	instruments selected	mandate size

† 99.94% is achieved in single-share lot markets (LSE, US equities). The SGX 100-share board lot produces 98.94% for this mandate size and price set. Lot sizes are a configuration parameter — the platform applies the correct rule per exchange automatically. See Step 07.

STEP 01 · SCREEN THE UNIVERSE

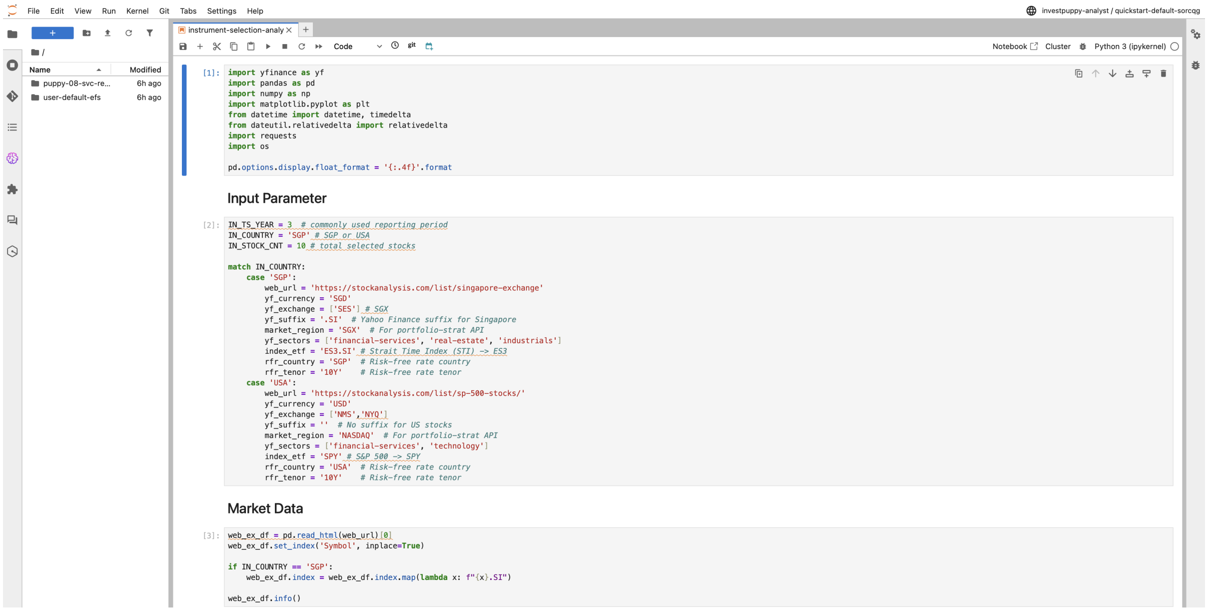
Who: Stock Analyst

The analyst uses the SageMaker research workbench to screen SGX-listed equities against three criteria: sector membership (financial services, real estate, industrials), average daily volume above 100,000 shares, and dividend continuity of at least two payments in the preceding three fiscal years.

Sector mapping is done before applying investability constraints so that factor exposures are explicit from the outset. The dividend continuity screen is a quality filter, not a yield screen — companies with consistent dividend histories exhibit lower earnings volatility and more disciplined capital allocation.

Result: A filtered, ranked universe of SGX-listed equities ready for portfolio optimisation. The starting universe of several hundred SGX-listed ordinary equities reduces to a clean, implementation-ready set.

RESEARCH ENVIRONMENT



Step 01 · SageMaker research workbench. Market parameters configured for SGX: sectors, liquidity filters, benchmark index (STI), risk-free rate (Singapore 3-month T-bill). Python notebook environment.

STEP 02 · OPTIMISE THE PORTFOLIO

Who: Stock Analyst (automated via platform)

The optimisation engine computes expected returns via CAPM and the covariance matrix via Ledoit-Wolf shrinkage from the screened universe, then solves directly to the maximum-Sharpe portfolio — a deterministic quadratic program, not a sampled search.

Mathematical process:

– Expected returns via CAPM: $E(R_i) = R_f + \beta_i(E(R_m) - R_f)$

– Covariance via Ledoit-Wolf shrinkage: $\Sigma = \delta F + (1-\delta)S$ — the sample covariance S shrunk toward a structured target F. Deterministic solve for the maximum-Sharpe portfolio: maximise $(w^T E(R) - R_f) / \sqrt{w^T \Sigma w}$, subject to $\Sigma w = 1$, $w \geq 0$

– Tracking portfolio returns: $R(\text{portfolio},t) = \Sigma\, w(i,t-1) \times R(i,t)$

– Active returns: $R(\text{active},t) = R(\text{portfolio},t) - R(\text{index},t)$

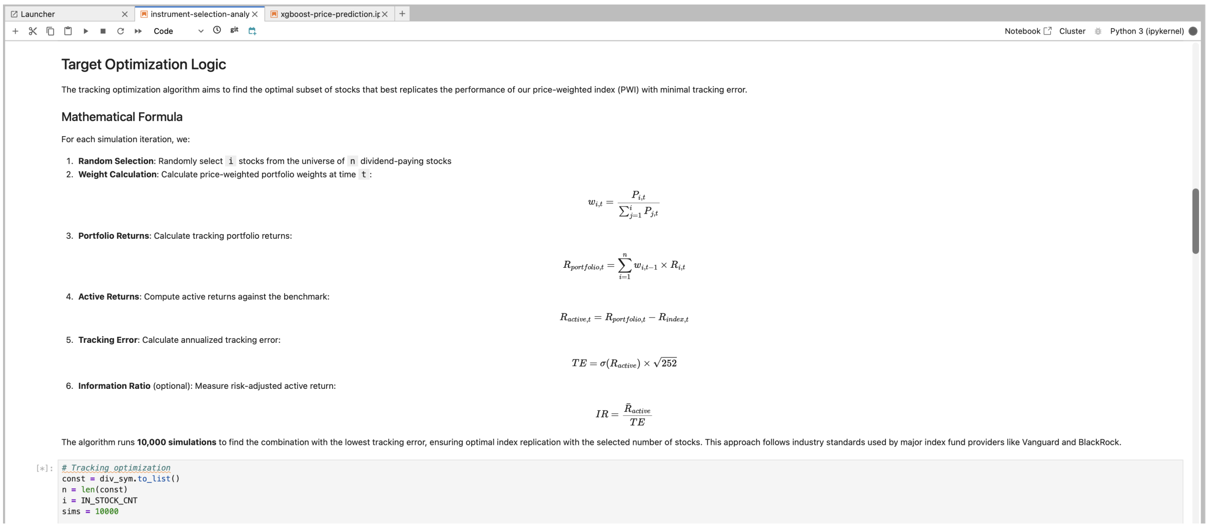
– Annualised tracking error: $TE = \sigma(R_{\text{active}}) \times \sqrt{252}$

The frontier is traced by solving this same deterministic optimisation at a range of target return levels; the maximum-Sharpe point is identified analytically from within the resulting curve — not sampled or approximated.

Result: Deterministic efficient frontier, solved directly. Max-Sharpe portfolio identified. Expected annual return: 45.0% (backtest). Annual volatility: 13.9%. Sharpe Ratio: 3.09 (backtest).

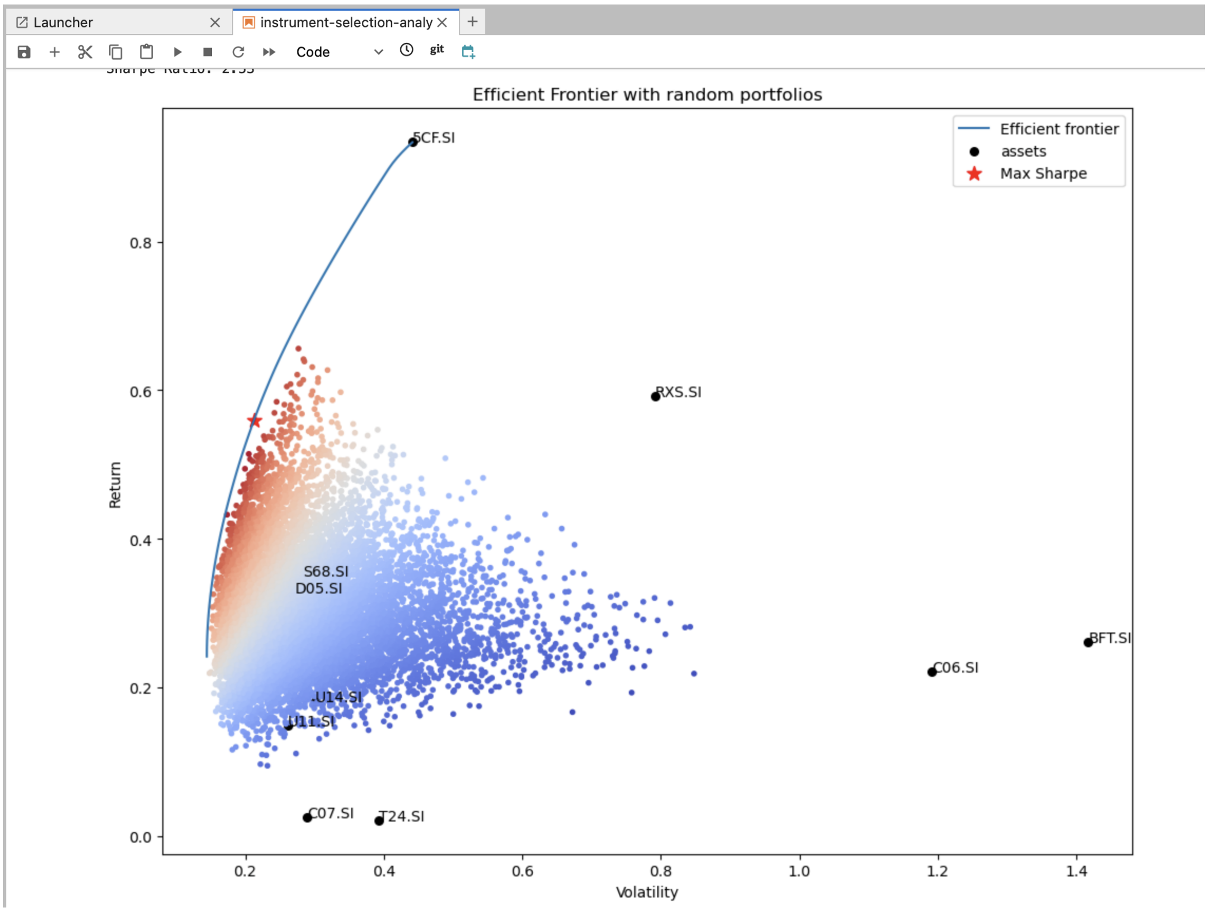
> ***On the 45.0% — read this before you quote it.***
>
> *The number is doing exactly what an optimised backtest does. Three mechanisms inflate it:*
>
> *– **In-sample parameters** — every indicator's parameters were chosen by grid search on the same three-year window they are scored against; this flatters historical performance by construction.*
>
> *– **In-sample weights** — the max-Sharpe solve then picks the weightings that performed best over that same window.*
>
> *– **No trading friction** — the backtest excludes transaction costs, market impact, and execution slippage.*
>
> ***What to take from it:** a live Sharpe of 50–70% of the backtest's 3.09 is a reasonable expectation for a well-constructed systematic strategy, and the 45.0% return should be read with at least the same discount. Neither figure is a guarantee; the live track record begins with the first Proof Partner. Full framework: WP-10 — Evaluating Systematic Strategy Performance.*

PLATFORM INTERFACE



Step 02 · Target optimisation logic. Algorithm solves directly to the maximum-Sharpe portfolio — deterministic, not sampled. Mathematical formulae for weight calculation, portfolio returns, active returns, tracking error, and information ratio fully documented and reproducible.

PLATFORM INTERFACE



Step 02 · Efficient frontier — SGX equity mandate. Each point is a deterministic solve at a target return level, not a simulated portfolio. Red = high Sharpe, blue = low Sharpe. Star marks the max-Sharpe selection. X-axis: volatility. Y-axis: return.

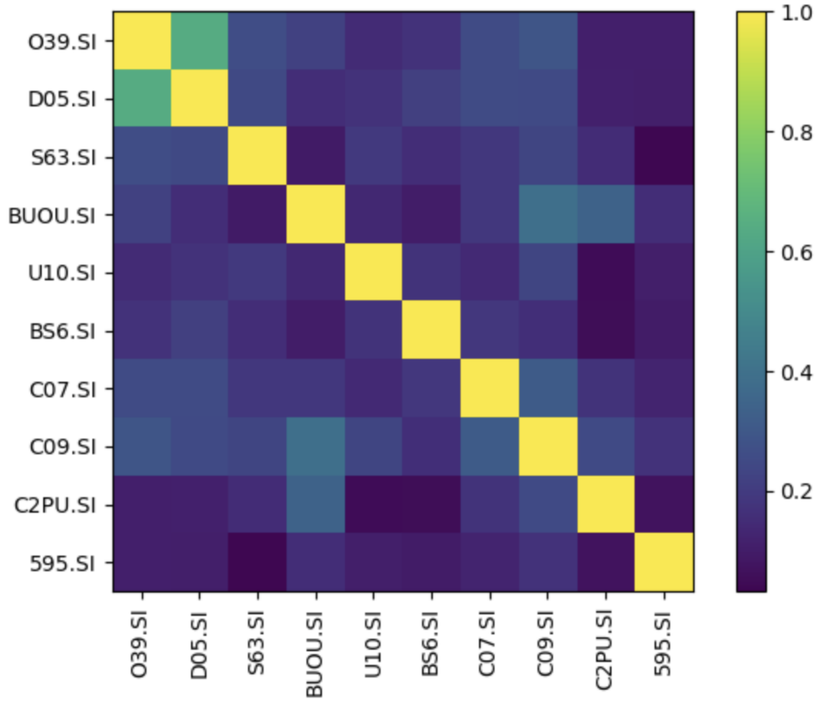
STEP 03 · VALIDATE DIVERSIFICATION

Who: Stock Analyst

Strategy weights are validated against the STI benchmark on two criteria: sector coverage (at least one instrument from each of the three primary sectors) and annualised tracking error below 8%. A full correlation matrix then confirms genuine diversification.

A portfolio spread across ten names but correlated in price behaviour is not diversified — it is concentrated risk with the appearance of breadth. The heatmap makes this visible before any strategy proceeds to portfolio manager review. Diagonal yellows confirm self-correlation (1.0); off-diagonal dark values confirm genuine independence of price movement.

PLATFORM INTERFACE

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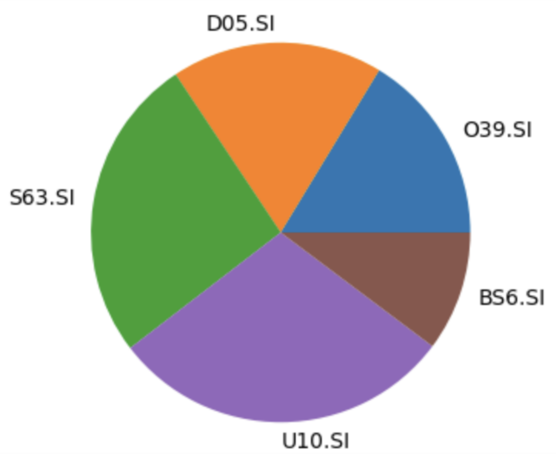
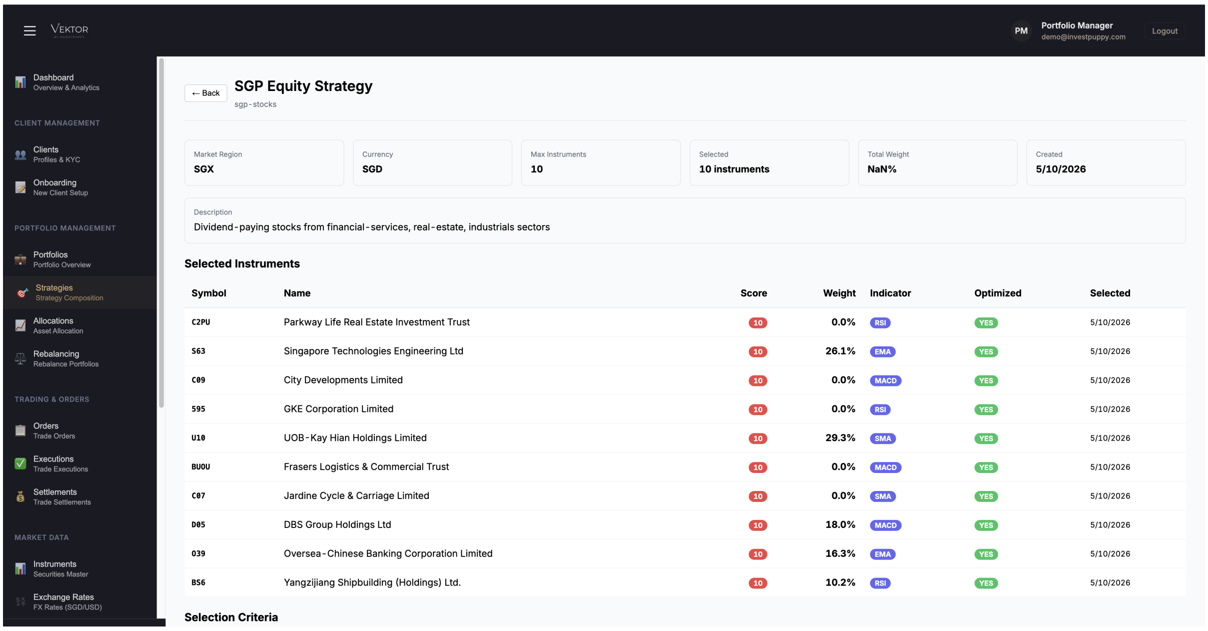
[21]: pd.Series(weights).plot.pie(figsize=(4, 4))
```



Step 03 · Correlation heatmap — SGX 10-stock portfolio. Off-diagonal values close to zero (dark blue) confirm genuine diversification. High off-diagonal values would flag co-movement risk before PM approval.

PLATFORM INTERFACE



Step 03 · Portfolio weight distribution. Five active instruments (non-zero weight): U10 29.35%, S63 26.07%, D05 18.04%, O39 16.31%, BS6 10.23%.

SGX Equity Strategy — Final Instrument Weights

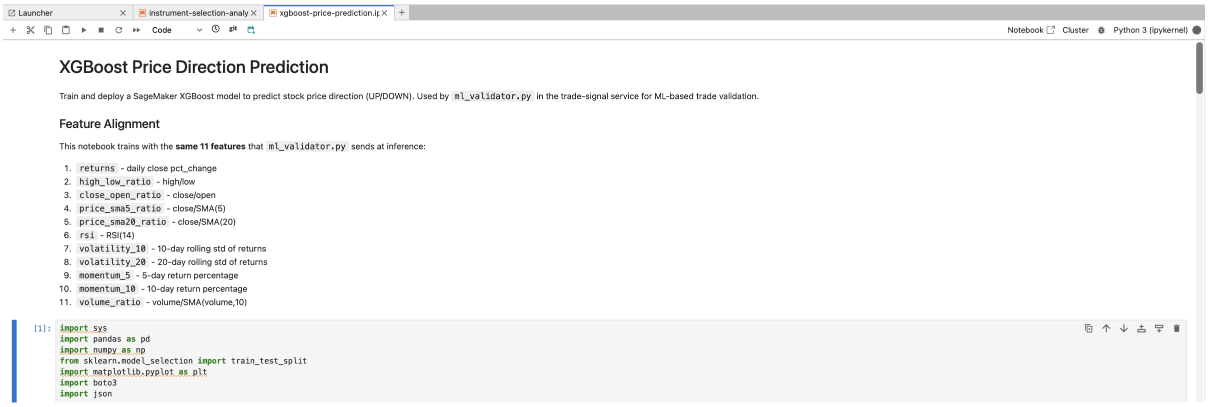
Symbol	Company	Sector	Weight	Indicator
U10	UOB-Kay Hian Holdings Limited	Financial Services	29.35%	EMA
S63	Singapore Technologies Engineering	Industrials	26.07%	EMA
D05	DBS Group Holdings Ltd	Financial Services	18.04%	MACD
O39	Oversea-Chinese Banking Corporation	Financial Services	16.31%	EMA
BS6	Yangzijiang Shipbuilding (Holdings)	Industrials	10.23%	BB
C2PU	Parkway Life REIT	Real Estate	*0.0% †*	—
C09	City Developments Limited	Real Estate	*0.0% †*	—
C07	Jardine Cycle & Carriage Limited	Industrials	*0.0% †*	—
S95	GKE Corporation Limited	Industrials	*0.0% †*	—
BUOU	Frasers Logistics & Commercial Trust	Real Estate	*0.0% †*	—

† Instruments in the universe assigned zero weight by the optimisation. Retained in the strategy record as a benchmark-aware reserve for potential rebalancing.

STEP 04 · PER-STOCK SIGNAL SELECTION

Who: Automated (AWS Step Function) · Stock Analyst (ML training)

PLATFORM INTERFACE



Step 04 has two components that run in sequence: automated per-instrument indicator selection via grid search, followed by ML model training and deployment to validate live signals at each subsequent trade cycle.

PART A — Technical Indicator Grid Search

Vektor runs a full grid search across six indicators for every instrument, backtesting all parameter combinations against three years of daily price data. The configuration with the highest annualised Sharpe ratio is selected and saved to the strategy record — visible to the portfolio manager at Step 05 review.

Abbrev.	Indicator	What it detects	Optimised parameter ranges
SMA	Simple Moving Average	Trend-following	Short: 10–30 days · Long: 40–80 days
EMA	Exponential Moving Average	Trend with recency weighting	Short: 10–30 days · Long: 40–80 days
MACD	MACD	Momentum (EMA convergence)	Short: 5–20 · Long: 20–50 · Signal: 5–15
BB	Bollinger Bands	Volatility breakout	SMA: 10–30 · Std dev: 1–3
RSI	Relative Strength Index	Overbought / oversold	Period: 10–20 · Upper: 60–80 · Lower: 20–40
SO	Stochastic Oscillator	Mean reversion	Period: 10–20 · %D smoothing: 2–5

Grid search result — selected indicator per active instrument:

Symbol	Company	Selected Indicator	Status
U10	UOB-Kay Hian Holdings	EMA	Optimised · Validated
S63	Singapore Technologies Engineering	EMA	Optimised · Validated
D05	DBS Group Holdings	MACD	Optimised · Validated
O39	OCBC	EMA	Optimised · Validated
BS6	Yangzijiang Shipbuilding	BB	Optimised · Validated

PART B — XGBoost ML Model Training and Deployment

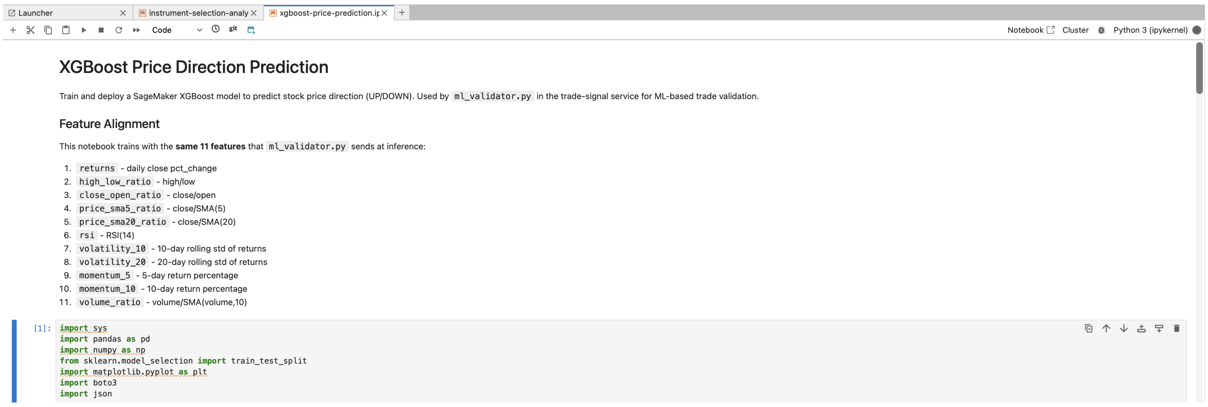
The XGBoost model provides an independent second assessment of every signal before execution, trained on 11 features derived from three years of daily price data, versioned and deployed via SageMaker. Each new version requires an explicit promotion step before replacing the production endpoint — training data window, feature set, and validation results are stored in the strategy record.

TECHNICAL DETAIL — XGBOOST INPUT FEATURES

Feature	Description
returns	Daily close price percentage change
high_low_ratio	High / low price ratio
close_open_ratio	Close / open price ratio
price_sma5_ratio	Close / SMA(5)
price_sma20_ratio	Close / SMA(20)
rsi	RSI(14)
volatility_10	10-day rolling standard deviation of returns
volatility_20	20-day rolling standard deviation of returns
momentum_5	5-day return percentage
momentum_10	10-day return percentage
volume_ratio	Volume / SMA(volume, 10)

The same 11 features are calculated from current market data at each daily inference call, ensuring training and production inference use identical inputs.

PLATFORM INTERFACE



Step 04 · XGBoost model training — SageMaker. Feature alignment confirmation: notebook trains with same 11 features that ml_validator.py sends at inference. Training target: stock price direction (UP/DOWN) in next trading session.

STEP 05 · STRATEGY REVIEW

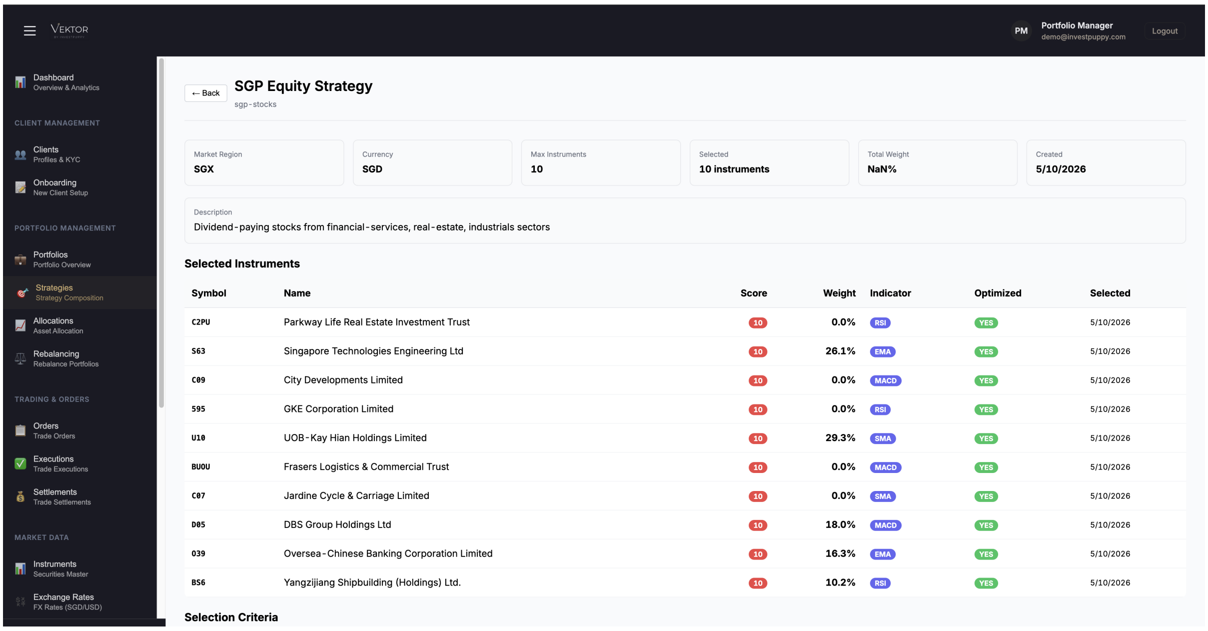
Who: Portfolio Manager

The portfolio manager opens the admin portal and reviews the complete strategy before any client assignment proceeds. This is a mandatory human gate — no position can be assigned to a client before this approval record exists.

The review surface shows: strategy name and description, all selected instruments with allocation weights, the technical indicator assigned to each instrument, and the backtest Sharpe ratio. Instruments with non-zero weights are highlighted as active in the portfolio.

Result: Strategy validated and approved. Every instrument, weight, indicator, and backtest Sharpe ratio visible to the PM before sign-off. Approval logged with PM identity and timestamp.

PLATFORM INTERFACE



Step 05 · SGP Equity Strategy — admin portal. 10 instruments with allocation weights, assigned indicators (BB, MACD, SMA, EMA, RSI), optimisation status, and selection date. All instruments validated and ready for client assignment.

STEP 06 · CLIENT ONBOARDING

Who: Portfolio Manager

From the admin portal the portfolio manager completes two actions: Create Client (name, type, risk profile, base currency) and Create Portfolio (linked to client, assigned strategy, configured capital). Both actions are logged with PM identity and timestamp.

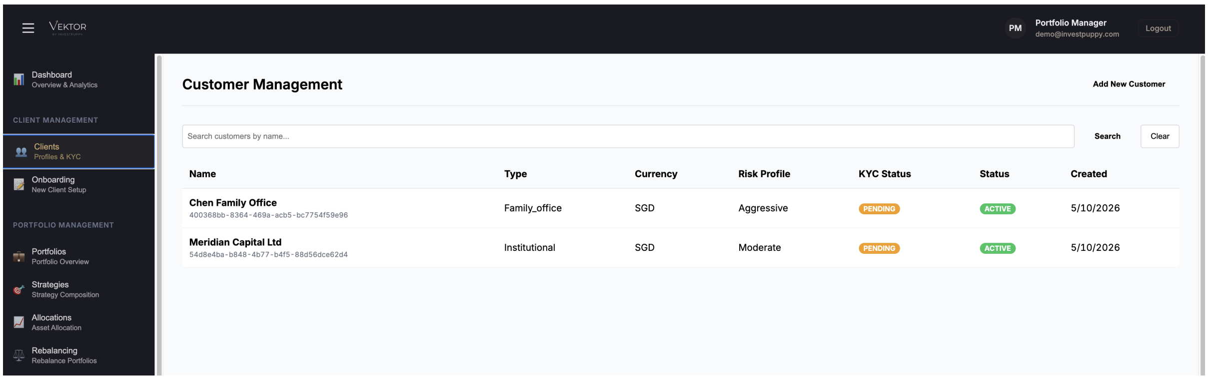
Result: Client profile and portfolio created. This document follows the Chen Family Office mandate (SGD 500,000 · Aggressive · Family Office) through Steps 07–11. A second portfolio — Meridian Capital Ltd (SGD 300,000 · Moderate · Institutional) — was created in the same session; its allocation output follows the

same process and is not separately illustrated here.

Client names shown are demonstration data used for illustration purposes.

KYC Status is a PM-managed tracking field reflecting the DPM's own client onboarding process. No KYC documentation is uploaded to or retained by the Vektor platform.

PLATFORM INTERFACE



Step 06 · Customer Management — admin portal. Chen Family Office (Family_Office, SGD, Aggressive, KYC Pending, Active) and Meridian Capital Ltd (Institutional, SGD, Moderate, KYC Pending, Active). Created 5/10/2026. (Demonstration data.)

> ***Data residency:***
>
> *Client identifying data residency — including hybrid identity vault configuration for Swiss and other data-sensitive markets — is described in the Three Delivery Models document. See also WP-07: Production Infrastructure.*

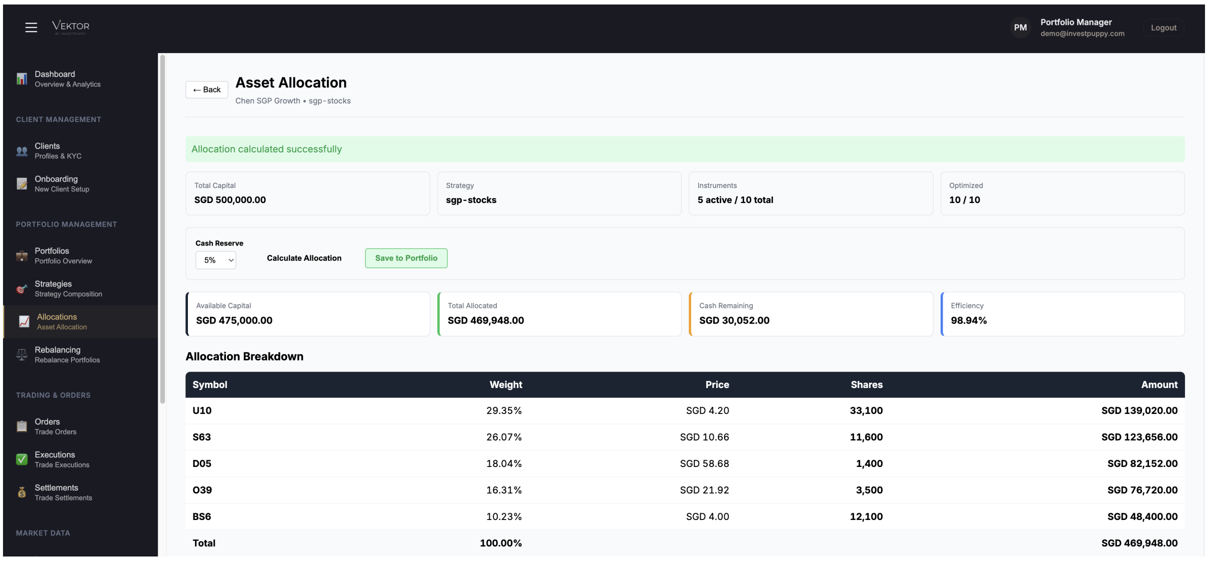
STEP 07 · ASSET ALLOCATION

Who: Portfolio Manager

> ***Workflow note:***
>
> *Steps 07 (Asset Allocation) and 09 (Cash Funding) may occur in either sequence depending on the DPM's practice workflow. The allocation calculation is independent of cash confirmation. The allocation becomes executable once cash is confirmed at Step 09. Both sequences are valid; both create a complete audit trail.*

The allocation engine fetches live market prices at the moment of calculation, applies floor rounding to the nearest 100-share lot, and reserves a configurable cash buffer. Lot sizes are a configuration parameter per exchange — not hard-coded — so the same allocation engine runs correctly on SGX (100 shares), LSE (1 share), US equities (1 share), or any other configured market.

PLATFORM INTERFACE



Step 07 · Asset Allocation — platform interface. Total Capital: SGD 500,000. Available Capital: SGD 475,000. Total Allocated: SGD 469,948. Cash Remaining: SGD 30,052. Efficiency: 98.94%. 5 active / 10 total instruments.

Allocation Breakdown — Chen SGP Growth — SGD 500,000 Mandate

Symbol	Company	Weight	Price (SGD)	Shares	Amount (SGD)
U10	UOB-Kay Hian Holdings	29.35%	4.20	33,100	139,020.00
S63	Singapore Tech Engineering	26.07%	10.66	11,600	123,656.00
D05	DBS Group Holdings	18.04%	58.68	1,400	82,152.00
O39	OCBC	16.31%	21.92	3,500	76,720.00
BS6	Yangzijiang Shipbuilding	10.23%	4.00	12,100	48,400.00
Total		100.00%			469,948.00

Allocation efficiency 98.94% reflects SGX 100-share board lot rounding on this mandate size and price set. In single-share lot markets (LSE, US equities) allocation efficiency consistently exceeds 99.94%.

STEP 08 · ORDER GENERATION

Who: Portfolio Manager · System (automated trade workflow)

Approved signals from the daily automated trade workflow are converted to orders and dispatched to the SQS queue for submission to the IBKR Gateway. Every order carries a complete lifecycle record and a correlation ID linking it back to the signal generation event.

The trade workflow runs daily. Strategy rebuild (full re-optimisation) is triggered by the portfolio manager. Signal re-validation against the deployed XGBoost model runs automatically each day.

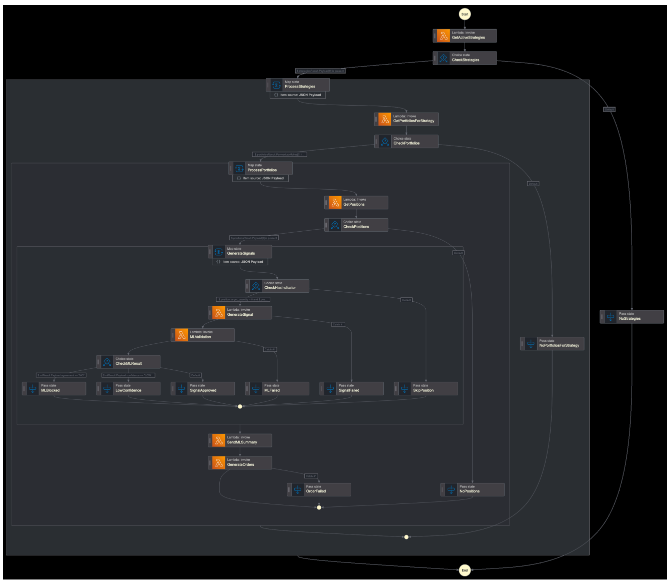
The daily AWS Step Function executes: Get Active Strategies → Get Portfolios → Get Positions → Generate Signals (BUY/SELL/HOLD) → ML Validation (Approved / ML Blocked / Low Confidence) → Send Notification → Create Orders.

Example signal cycle output — Chen SGP Growth portfolio:

Symbol	TI Signal	ML Outcome	Interpretation
BS6	HOLD	■ Approved (HIGH)	Indicator and ML agree. Order created.
U10	BUY	■ ML Blocked	TI says BUY; ML predicts DOWN. No order. Capital protected.
S63	BUY	■ ML Blocked	TI says BUY; ML predicts DOWN. No order. Capital protected.
O39	BUY	■ ML Blocked	TI says BUY; ML predicts DOWN. No order. Capital protected.
D05	BUY	■ Low Confidence (0.5273)	Order created with caution flag. PM awareness signal.

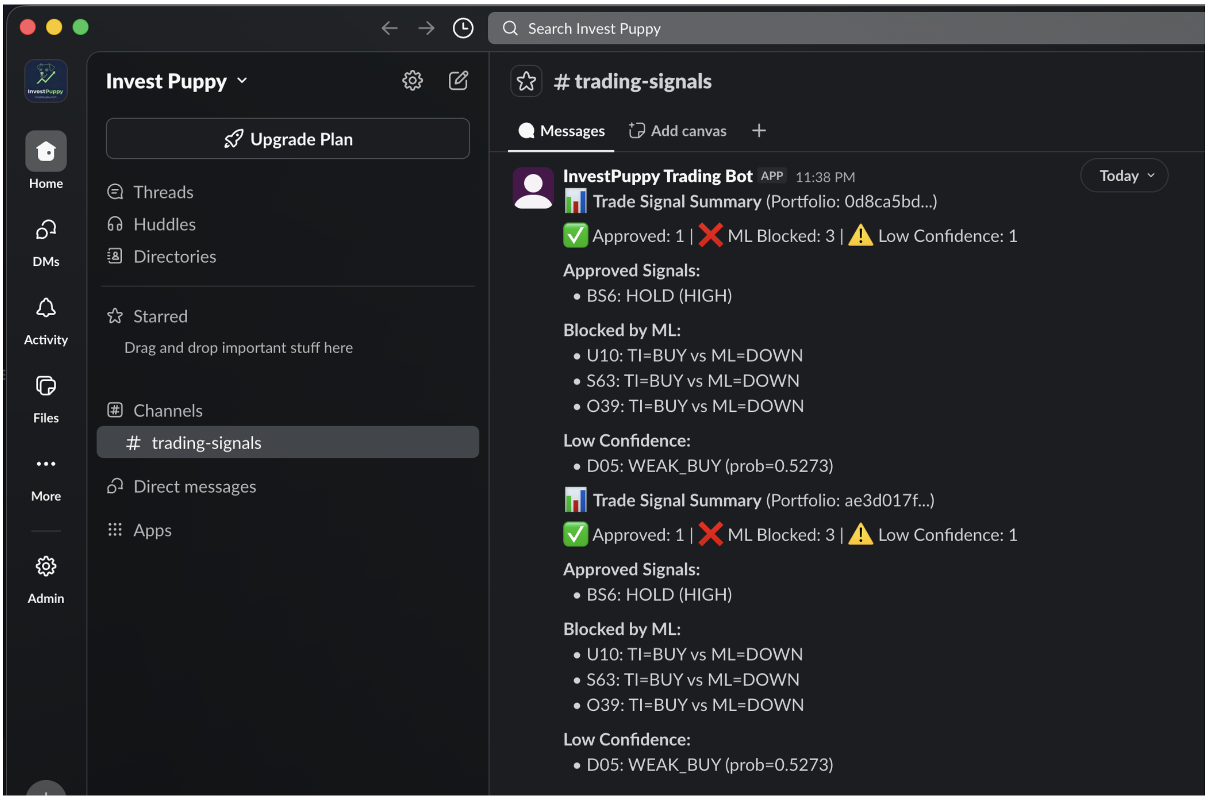
Of 5 signals generated, 3 were blocked because the ML model detected conditions inconsistent with a profitable buy. Without ML validation, 3 buy orders would have been submitted against a predicted price decline.

PLATFORM INTERFACE



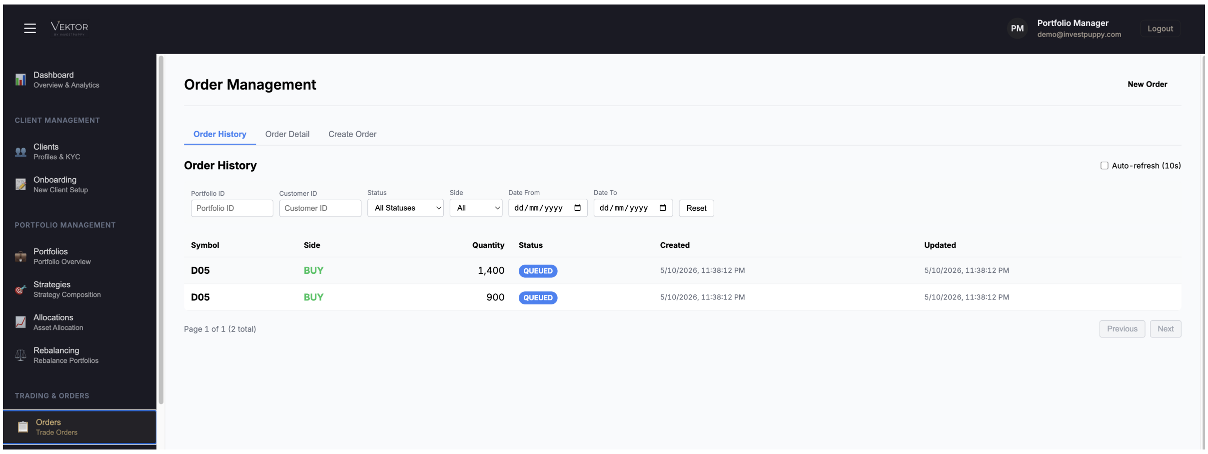
Step 08 · AWS Step Function — automated trade execution pipeline. Lambda nodes: GetActiveStrategies, GetPortfoliosForStrategy, GetPositions, GenerateSignal, MLValidation, GenerateMLSummary, GenerateOrders. Choice states for each signal outcome.

PLATFORM INTERFACE



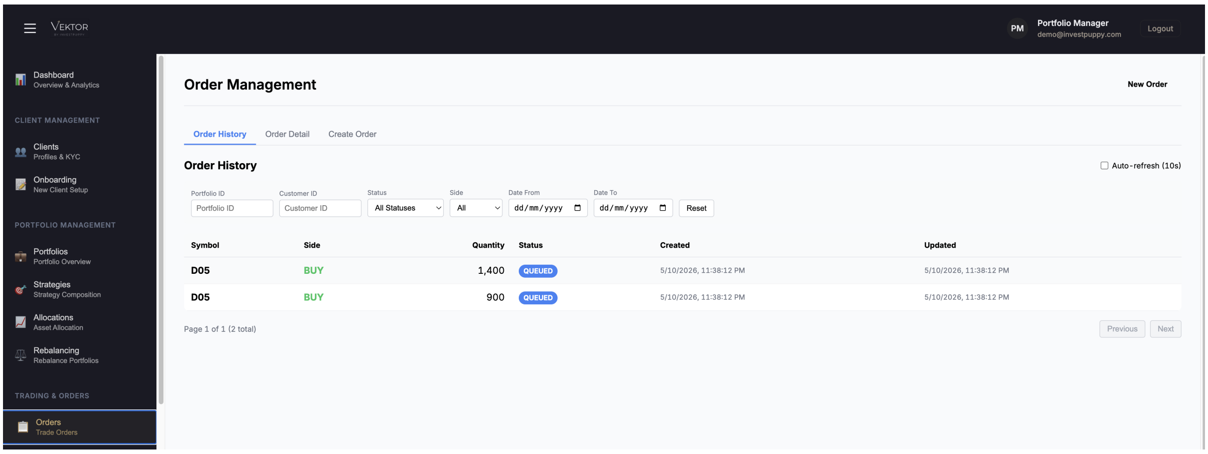
Step 08 · Slack trade signal notification — #trading-signals channel. Portfolio 0d8ca5bd. Approved: 1 · ML Blocked: 3 · Low Confidence: 1. Approved: BS6 HOLD (HIGH). Blocked: U10, S63, O39 (TI=BUY vs ML=DOWN). Low Confidence: D05 WEAK_BUY (prob=0.5273).

PLATFORM INTERFACE



Step 08 · Order Management — Order List. D05: BUY 1,400 shares · QUEUED. D05: BUY 900 shares · QUEUED. Status lifecycle: CREATED → QUEUED → SENT → FILLED.

PLATFORM INTERFACE



Step 08 · Order Detail — D05 BUY 1,400 · QUEUED. Order ID, Portfolio ID, Customer ID, Symbol (D05), Side (BUY), Quantity (1,400), Status (QUEUED). Lifecycle: CREATED 5/10/2026 11:38:12 PM → QUEUED. SQS message ID for full traceability.

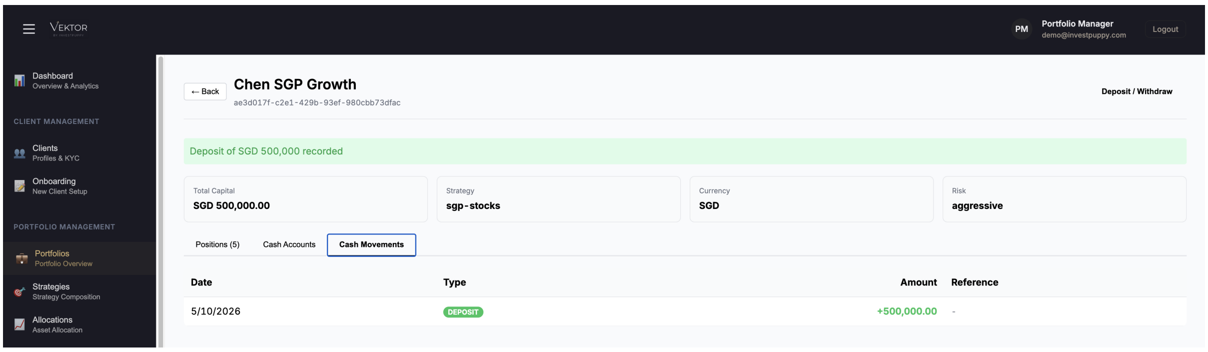
STEP 09 · CASH FUNDING

Who: Operations

Operations records the client's wire transfer deposit: currency, amount, and wire reference. The deposit record creates an immutable audit trail entry — logged with Operations user identity and timestamp. Operations cannot create strategies or approve allocations; this separation ensures the person controlling cash movements is independent of the investment decision chain.

Result: Chen SGP Growth: SGD 500,000 deposit recorded. Cash account funded. Full audit trail entry created. Allocation (Step 07) becomes executable from this point.

PLATFORM INTERFACE



Step 09 · Cash Movements — Chen SGP Growth. Date: 5/10/2026. Type: DEPOSIT. Amount: +500,000.00. Total Capital: SGD 500,000. Strategy: sgp-stocks. Risk: Aggressive.

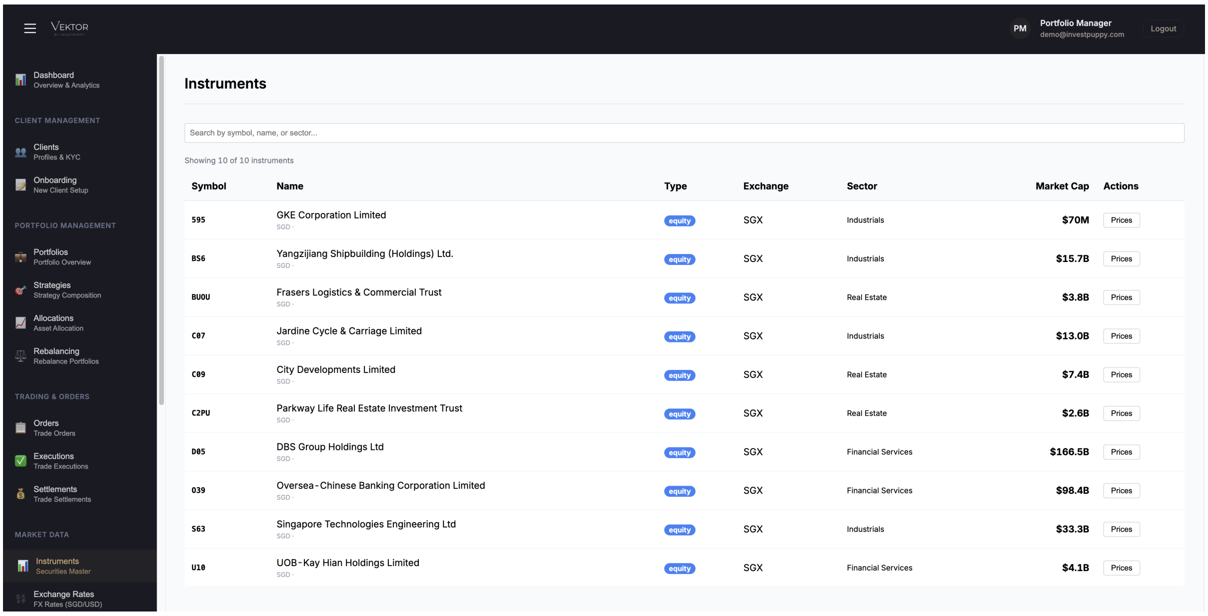
STEP 10 · MARKET DATA REFRESH

Who: System (automated · daily at 8 AM SGT)

Every market day at 8 AM SGT the platform automatically refreshes equity price history (three years of daily OHLCV data for all configured instruments) and foreign exchange rates (all currency pairs required by configured mandates). As of this reference run: 10 instruments registered, 3 years of daily price history per instrument, FX rates for SGD/USD and all configured pairs.

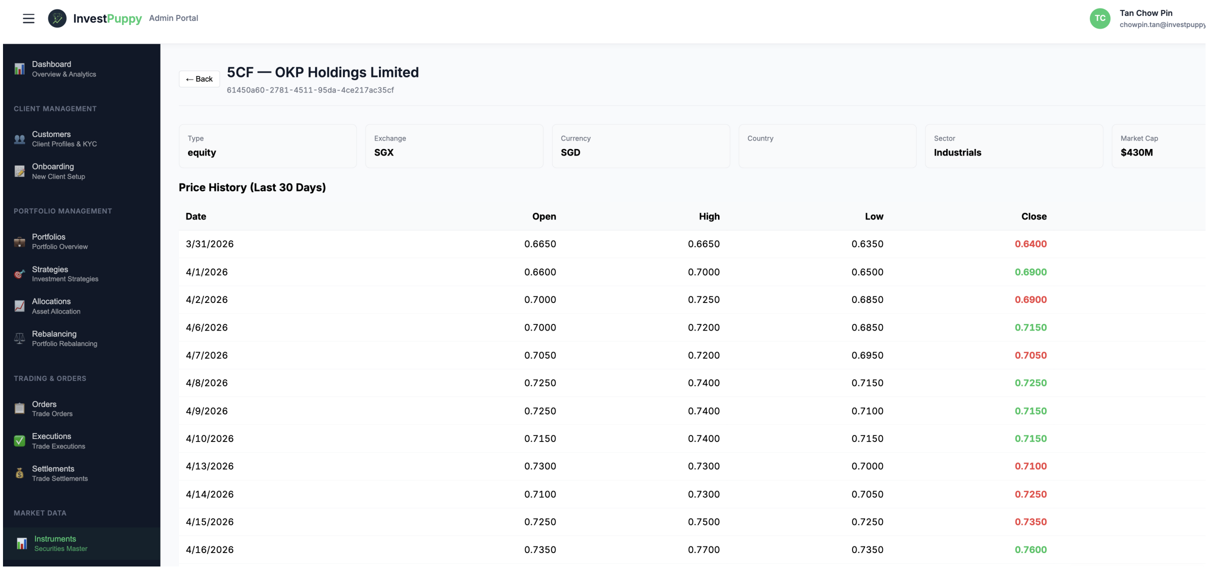
If the daily price download fails, existing price history is unaffected. New strategy builds or signal re-optimisations are deferred until the feed is restored. A Slack notification on download completion means failures are visible immediately.

PLATFORM INTERFACE



Step 10 · Instruments Master — Market Data. All 10 registered securities: symbol, company name, exchange (SGX), type (equity), sector, market cap. GKE Corporation (S95): Industrials, $70M. DBS Group (D05): Financial Services, $166.5B.

PLATFORM INTERFACE



Date	Open	High	Low	Close
3/31/2026	0.6650	0.6650	0.6350	0.6400
4/1/2026	0.6600	0.7000	0.6500	0.6900
4/2/2026	0.7000	0.7250	0.6850	0.6900
4/6/2026	0.7000	0.7200	0.6850	0.7150
4/7/2026	0.7050	0.7200	0.6950	0.7050
4/8/2026	0.7250	0.7400	0.7150	0.7250
4/9/2026	0.7250	0.7400	0.7100	0.7150
4/10/2026	0.7150	0.7400	0.7150	0.7150
4/13/2026	0.7300	0.7300	0.7000	0.7100
4/14/2026	0.7100	0.7300	0.7050	0.7250
4/15/2026	0.7250	0.7500	0.7250	0.7350
4/16/2026	0.7350	0.7700	0.7350	0.7600

Step 10 · Price History — GKE Corporation (S95). Exchange: SGX. Currency: SGD. Sector: Industrials. Market Cap: $70M. Price History (Last 30 Days): daily open, high, low, close, volume. Close range: 0.0750–0.0810 over the period shown.

STEP 11 · AUDIT & FX RATES

Who: System (continuous logging) · Operations (review)

Every capital-affecting action across all eleven workflow steps is logged automatically as a by-product of normal platform operation. The audit trail is not maintained separately — it is the platform's operational record. No separate compliance documentation process is required.

What is logged at each stage:

– Strategy creation: Analyst ID, strategy name, universe specification, screening parameters, optimisation result, per-instrument signal assignments, backtest Sharpe ratios. Timestamp.

– Strategy approval: PM ID, strategy ID, approval status, review timestamp.

– Strategy modification: any change to an approved strategy requires PM re-approval, creating a new approval record. The original approval is retained in the audit trail.

– Client and portfolio creation: PM ID, client details, portfolio configuration. Timestamp.

– Allocation calculation: PM ID, portfolio ID, live prices fetched, weight-to-share calculations, lot size rounding applied, cash buffer reserved, efficiency percentage. Timestamp.

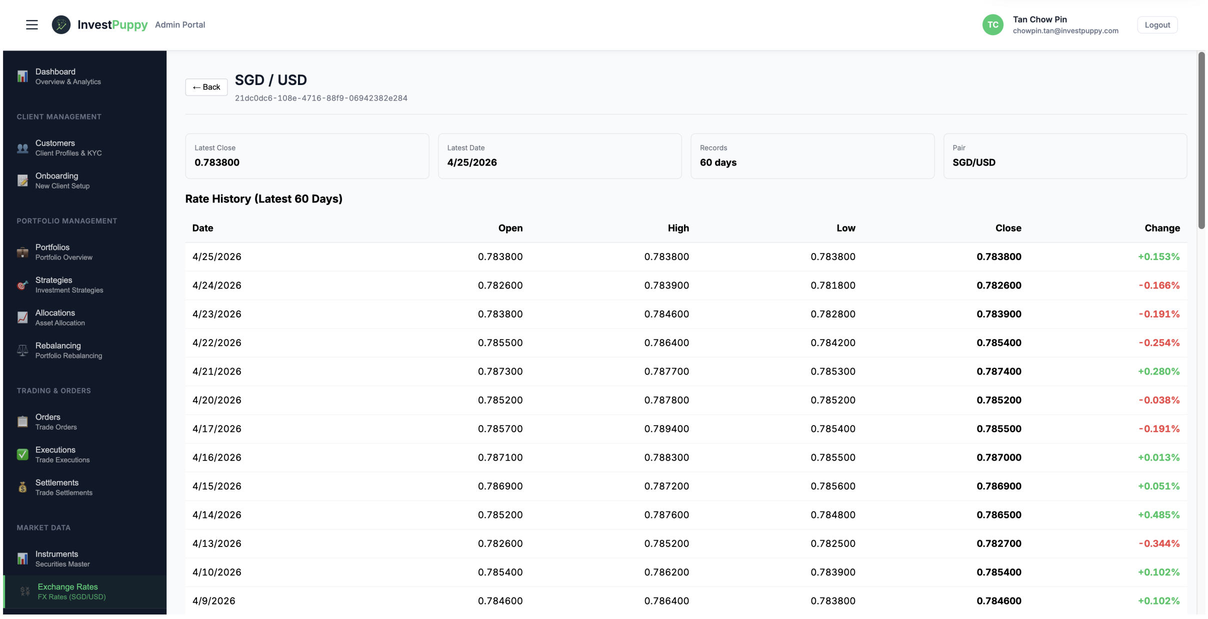
– Cash deposit: Operations ID, portfolio ID, currency, amount, wire reference, resulting balance. Timestamp.

– Market data refresh: instrument count, price history extension, FX rates updated. Automated timestamp.

– Order generation: signal source (indicator + ML outcome), order details, SQS message ID, lifecycle status transitions (CREATED → QUEUED → SENT → FILLED). Timestamp at each state change.

FX rates are collected daily alongside equity price data. As of the reference run: SGD/USD 0.7838 (25 Apr 2026), 60 days of rate history stored. Position-level currency conversion enables accurate per-instrument P&L; attribution across currency boundaries.

PLATFORM INTERFACE



Date	Open	High	Low	Close	Change
4/25/2026	0.783800	0.783800	0.783800	0.783800	+0.153%
4/24/2026	0.782600	0.783900	0.781800	0.782600	-0.166%
4/23/2026	0.783800	0.784600	0.782800	0.783900	-0.191%
4/22/2026	0.785500	0.786400	0.784200	0.785400	-0.254%
4/21/2026	0.787300	0.787700	0.785300	0.787400	+0.280%
4/20/2026	0.785200	0.787800	0.785200	0.785200	-0.038%
4/17/2026	0.785700	0.789400	0.785400	0.785500	-0.191%
4/16/2026	0.787100	0.788300	0.785500	0.787000	+0.013%
4/15/2026	0.786900	0.787200	0.785600	0.786900	+0.051%
4/14/2026	0.785200	0.787600	0.784800	0.786500	+0.485%
4/13/2026	0.782600	0.785200	0.782500	0.782700	-0.344%
4/10/2026	0.785400	0.786200	0.783900	0.785400	+0.102%
4/9/2026	0.784600	0.786400	0.783800	0.784600	+0.102%

Step 11 · Exchange Rates — SGD/USD. Latest close: 0.783800. Latest date: 4/25/2026. 60 days of rate history. Daily open, high, low, close with percentage change. Rates collected automatically at 8 AM SGT alongside equity price data.

IP-REF-260611-1.0 · REFERENCE OUTPUT · SGX EQUITY MANDATE

END-TO-END WORKFLOW SUMMARY

Step	Name	Role	Output
01	Screen the Universe	Analyst	Filtered SGX universe: financial services, real estate, industrials. Liquidity and dividend-continuity screens applied.
02	Optimise the Portfolio	Analyst	Deterministic max-Sharpe solve, not sampled. Max-Sharpe portfolio identified. Expected return 45.0%, volatility 13.9%, Sharpe 3.09 (backtest).
03	Validate Diversification	Analyst	Correlation matrix confirmed. 5 active instruments (non-zero weight). Tracking error within 8% of STI.
04	Per-Stock Signal Selection	Automated + Analyst	U10: EMA · S63: EMA · D05: MACD · O39: EMA · BS6: BB. XGBoost model trained and deployed.
05	Strategy Review	PM	Strategy approved by PM. All instruments, weights, indicators, and Sharpe ratios reviewed. Approval logged.
06	Client Onboarding	PM	Chen Family Office (SGD 500K, Aggressive) and Meridian Capital (SGD 300K, Moderate) created and linked to strategy.
07	Asset Allocation	PM	SGD 469,948 deployed across 5 instruments at live prices. 100-share lot rounding. 98.94% efficiency. Executable once Step 09 complete.
08	Order Generation	PM + System	5 signals: 1 approved (BS6 HOLD), 3 ML-blocked (U10, S63, O39), 1 low-confidence (D05). Approved orders queued via SQS.
09	Cash Funding	Operations	SGD 500,000 deposit recorded. Cash account funded. Audit trail entry created. Allocation executable.
10	Market Data Refresh	System	10 instruments · 3yr OHLCV history per instrument · SGD/USD and all configured FX pairs refreshed daily at 8 AM SGT.
11	Audit & FX Rates	System + Ops	Every action logged with user identity, timestamp, correlation ID. Strategy modifications require re-approval. FX at position level for multi-currency P&L.;

Show us a mandate.

Pick any listed equity market, any currency, any benchmark. We will run the full Vektor workflow on your data and show you the output: the efficient frontier, the correlation matrix, the max-Sharpe allocation, and the per-instrument signal selection. No slides. No promises. Just the platform, working on your mandate.

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The SGX mandate is the reference implementation. The platform supports any listed equity market. Other markets — LSE, US equities, Tokyo, Hong Kong, Dubai — are configurations, not separate products.

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Full reading-order guidance in the Due Diligence Navigation Guide.

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– Vektor At a Glance

– Vektor Brand Story

– Vektor Platform Brochure

– Due Diligence Navigation Guide

– What Vektor Is Not

– Why Not the Incumbents?

– Why Vektor

● **Reference Output — SGX Equity Mandate (you are here)**

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– WP-10: Evaluating Performance

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– BW-01: Technical Debt

– BW-02: Vektor House Implementation

– BW-03: The Configurability Gap

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– UNV-01: Why Implementations Fail

– UNV-02: Nobody Owns It

– UNV-03: Complexity as Cover

– UNV-04: Plan Last

– UNV-05: The Change Request Trap

– UNV-06: Invisible Stakeholders

– UNV-07: The Hammer, the Tool, and the Methodology

– UNV-08: Life After Live

– UNV-09: The U in UAT

– UNV-10: Nine Women

– UNV-11: The AI Revolution — Automating Bad Practice at Scale

– UNV-12: Model Bank — the perfect solution for banks that don't exist

– UNV-13: The parameter that broke the camel's back

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– WP-13: Portfolio Valuation Methodology

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– Vektor FAQ

– One Platform, Three Delivery Models

– Reference Output — SGX · NASDAQ · LSE · 21 May 2026

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– WP-Index · Research Series Index

– WP-01: Quantitative Portfolio Construction

– WP-02: Signal Optimisation

– WP-03: Capital Allocation

– WP-04: Indicator Selection

– WP-05: Multi-Currency

– WP-06: Audit and Compliance

– WP-07: Technical Architecture

– WP-08: AI and ML Philosophy

WHITE PAPERS

– WP-11: Signal Robustness Architecture — Why walk-forward validation was considered and discarded

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– First 90 Days

– Mutual Non-Disclosure Agreement

– Proof Partners Programme

– Workflow Integration Guide

– Vektor Operational Walkthrough — Client to Portfolio Valuation

– Proof Partners Agreement

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– Vektor OpenWealth Integration — Commercial Overview

Available once a Proof Partners conversation begins. Start at investpuppy.com/proof-partners