

VOLUX Brief ---

VOLUX Signal Engine: Execution Intelligence for Fund Flows

JIREH Holdings (Dubai - incorporatation in progress)

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What is VOLUX?

VOLUX [Volatility+Flux] is a signal-based execution engine designed to optimize how capital is deployed in public markets, especially in SIP-style or programmatic flows. It works downstream of your investment decision and does not alter asset allocation. Instead, it improves the way those assets are entered in the market.

Who is it for?

- 1. VOLUX is built for the fund operations and trading execution teams within AMCs.
- 2. It is not an investor-facing tool.
- 3. It integrates into your existing OMS workflows and enhances trade timing and pricing without altering what the fund buys or sells.

How does it work?

- 1. VOLUX generates real-time signal based on market microstructure patterns and layers them over the fund's natural flow.
- 2. The engine guarantees full allocation within the fund's intended window.
- 3. It adapts minute-by-minute but respects fund pacing constraints.
- 4. It works as a light, downstream API call to augment your current strategy (TWAP/VWAP/IS).

Performance Example

Asset: Vanguard Total Stock Market ETF [VTI]

Capital: \$1M initial, \$10K/day inflow, \$1K/day outflow (inflation adjusted flow)

Test period: 1st Jan 2005 till present

	VOLUX	TWAP	VWAP	IS
Final Portfolio Value [\$]	88,035,359	77,640,003	77,652,495	73,712,396
Weighted Avg Entry Price [\$]	293.08	293.31	293.26	291.98

What next?

VOLUX is currently pre-commercial and available for internal pilot simulation. I'd be happy to run a sandbox simulation on 1-2 assets, using either historical or synthetic flow data. This would require no infra change, no contract, and no live trading—just a private benchmarking run to assess VOLUX's potential in your execution flow.