MULTI-STRATEGY ALGORITHMIC PORTFOLIO

SILENT ALPHA CAPITAL

Backtested Performance Overview — Quality-Weighted Risk Framework (1.5x)

Backtest period: January 1, 2018 – Aug 14, 2026

Prepared: September 2026

IMPORTANT: HYPOTHETICAL / BACKTESTED PERFORMANCE — NOT ACTUAL TRADING RESULTS

All performance figures in this document are the result of simulated (backtested) trading using historical price data and do not represent actual funds traded. Hypothetical performance results have inherent limitations, some of which are described in the Risk Factors & Limitations section of this document. No representation is being made that any account will or is likely to achieve profits or losses similar to those shown. Past and simulated performance is not indicative of future results.

Executive Summary

This document presents the backtested performance of a five-strategy algorithmic portfolio traded on MetaTrader 5, combining mean-reversion, breakout, and opening-range systems across index, forex, and metals markets. Position sizing across the portfolio uses a quality-weighted risk framework: each strategy's risk allocation is set according to its individual risk-adjusted performance, statistical sample size, correlation to other components, and a data-reliability assessment — rather than allocating risk equally across all five.

Over the backtest period (Jan 2018 – Aug 2026, ~8.3 years), the combined portfolio produced a compound annual growth rate (CAGR) of approximately 367%, with a maximum peak-to-trough drawdown of approximately −47%. These figures reflect a simulation and are not a live trading record — see Risk Factors & Limitations.

Strategy Components

The portfolio combines five independently-developed systems:

Strategy	Instrument	Timeframe	Approach
MeanReversion	DJ30.r (Dow Jones CFD)	M15	Mean reversion
MeanReversion	AUDCAD (forex)	H4	Mean reversion
Breakout	XAUUSD (gold)	Daily	Trend/breakout
ORB	NAS100.r (Nasdaq CFD)	Daily	Opening-range breakout
Vol_Breakout	XAUUSD (gold)	H1	Volatility breakout

Note: Breakout and Vol_Breakout both trade XAUUSD. They are treated as a correlated cluster in the risk framework below, not as two independent sources of diversification.

Portfolio Construction & Risk Framework

Quality-weighted risk allocation

Rather than assigning equal or arbitrarily scaled risk to each strategy, per-trade risk percentage is set using the following process:

- Base score: each strategy's individual-backtest Calmar ratio (CAGR ÷ max drawdown), a standard risk-adjusted return measure.
- Sample-size adjustment: strategies with fewer historical trades have their score shrunk toward the group average, reflecting lower statistical confidence.

- Correlation discount: strategies sharing an instrument (the two XAUUSD systems) receive a reduced allocation to avoid overstating diversification benefit.
- Data-reliability discount: any strategy with a known data-quality concern receives an additional, separate discount (see disclosure below regarding Vol_Breakout).
- Concentration cap: no single strategy is allocated more than a fixed ceiling of per-trade risk, regardless of its score.

Resulting per-strategy risk allocation (1.5x framework)

Strategy	Baseline tested risk	Framework multiplier	Allocated risk %
MeanReversion (AUDCAD)	~2.5%	2.10x	5.25%
MeanReversion (DJ30)	~2.0%	1.74x	3.50%
Breakout	~2.0%	1.18x	2.40%
Vol_Breakout	~2.0%	0.90x	1.80%
ORB	~0.94%	1.14x	1.05%

Position sizing across all strategies references a periodically-refreshed shared account balance (updated weekly) rather than an instantaneously live balance, reducing the reflexive compounding effect that occurs when multiple systems size positions off the same account in real time.

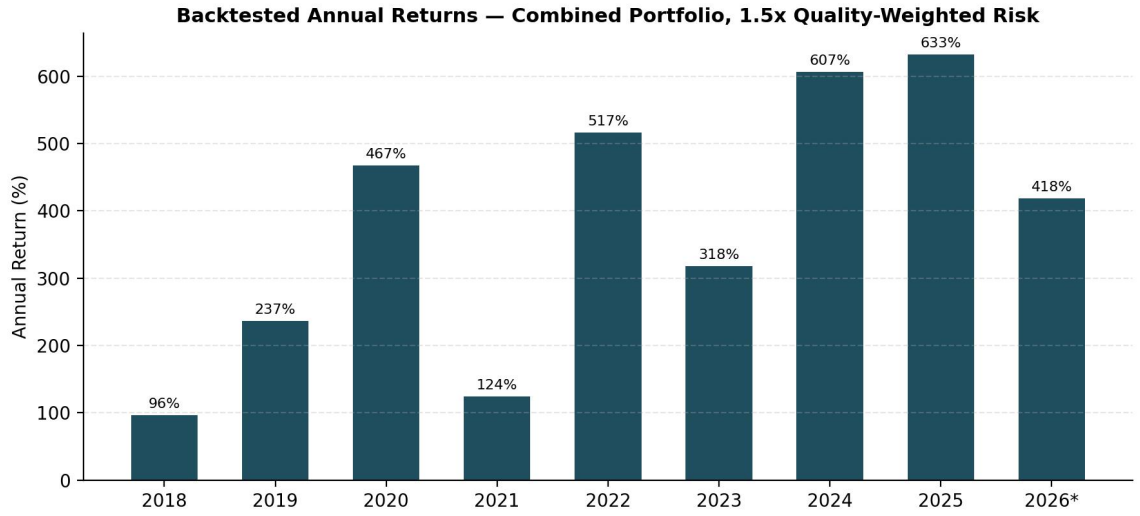
Minimum Recommended Copying Amount : 100 USD

Backtested Performance

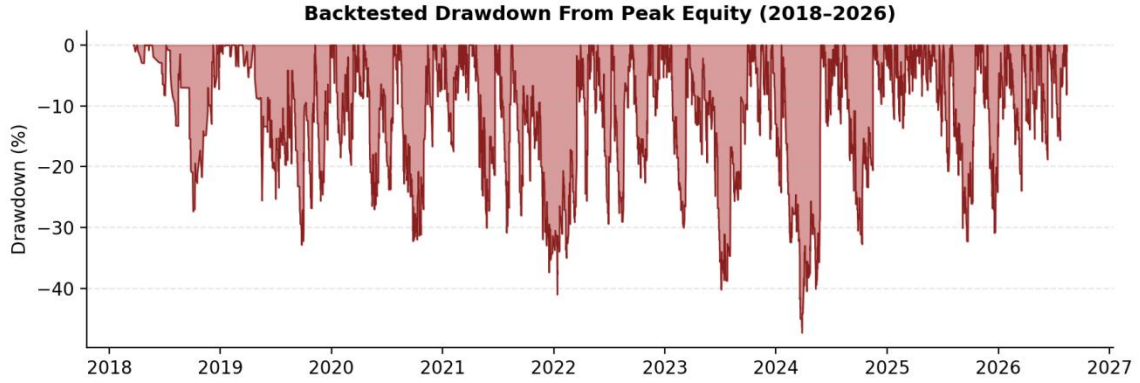
Summary statistics (2018–2026, 1.5x framework)

Metric	Value
CAGR	366.8%
Maximum drawdown	–47.3%
Calmar ratio (CAGR / Max DD)	7.75
Backtest period	Jan 2018 – Aug 2026 (~8.6 yrs)
Starting reference balance	$10,000

Annual returns



Drawdown history



The largest drawdown occurred in early-to-mid 2024, driven primarily by a simultaneous pullback in the two gold-correlated strategies. A drawdown of this magnitude requires a subsequent gain of roughly +90% to return to the prior equity peak.

Individual Strategy Statistics (Isolated Backtests)

The following reflects each strategy tested independently, prior to combination and risk weighting:

Strategy	CAGR	Max DD	Calmar	Win rate	Trades
MeanReversion (AUDCAD)	21.6%	−10.9%	1.98	41.9%	148
Vol_Breakout	49.4%	−26.6%	1.86	11.2%	646
MeanReversion (DJ30)	15.7%	−16.5%	0.95	63.2%	315
Breakout	48.5%	−55.8%	0.87	14.9%	2,026
ORB	11.9%	−19.9%	0.60	52.0%	1,116

Risk Factors & Limitations

Hypothetical performance

All results shown are derived from historical simulation (MetaTrader 5 Strategy Tester) and have not been executed as live trades. Hypothetical performance results have inherent limitations: they are prepared with the benefit of hindsight, do not reflect the impact that material economic and market factors might have had on decision-making, and do not account for the effect of order execution at scale (slippage, partial fills, or market impact) that would occur with real capital. No representation is made that any account will achieve, or is likely to achieve, profits or losses similar to those shown.

Portfolio combination methodology

The combined-portfolio figures represent five individually-backtested strategies combined into a single simulated account using a shared, periodically-updated reference balance for position sizing. This combination has not been run as a live, concurrent multi-strategy account. Actual results from running these strategies together on a funded account may differ from this simulation due to margin constraints, broker execution differences, correlated slippage during simultaneous signals, and liquidity limits not present in single-strategy historical testing.

Concentration and correlation

Two of the five component strategies (Breakout and Vol_Breakout) trade the same underlying instrument (XAUUSD). While the risk framework applies a correlation discount to both, a single adverse move in gold markets could affect both strategies simultaneously, which is not equivalent to two independent, uncorrelated return sources.

Single historical path

This backtest reflects one specific historical period. Market conditions, volatility regimes, and correlations during 2018–2026 will not necessarily repeat, and a live account trading this framework in a different market environment could experience materially different — including materially worse — drawdowns than shown here.

No offer of securities

This document is provided for informational and illustrative purposes only. It does not constitute an offer to sell, or a solicitation of an offer to buy, any security, investment product, or managed account, and should not be relied upon for any investment decision without independent professional advice.