

Apex Capital Quantitative Division –

Q4 2024 Report

Strictly Confidential

Prepared: January 14, 2025
Period: Oct 1 — Dec 31, 2024

EXECUTIVE SUMMARY

The high-frequency trading desk generated \$1.12B in net P&L across 15 active CFD algorithms in Q4 2024, representing a 26.8% return on allocated capital of \$4.18B. Total trade volume reached 2.41M executions with a blended win rate of 62.4%. Maximum portfolio drawdown was contained at 5.1%, within the 8% risk threshold. Sharpe ratio for the quarter stood at 2.98, with 12 of 15 strategies delivering positive returns. FX momentum strategies remained the primary revenue driver, while index mean-reversion and gold strategies delivered solid risk-adjusted returns throughout the period.

NET P&L

\$1.12B

▲ 26.8% ROC

TOTAL TRADES

2.41M

Avg 26,196 / day

WIN RATE

62.4%

▲ 1.8pp YoY

SHARPE RATIO

2.98

vs 2.64 Q4 2023

Risk & Performance Metrics

MAX DRAWDOWN

-5.1%

Threshold: 8.0%

SORTINO RATIO

4.42

vs 3.86 Q4 2023

CALMAR RATIO

5.91

vs 4.82 Q4 2023

PROFIT FACTOR

2.51

vs 2.28 Q4 2023

ALLOCATED CAPITAL

\$4.18B

Utilization: 82.6%

GROSS EXPOSURE

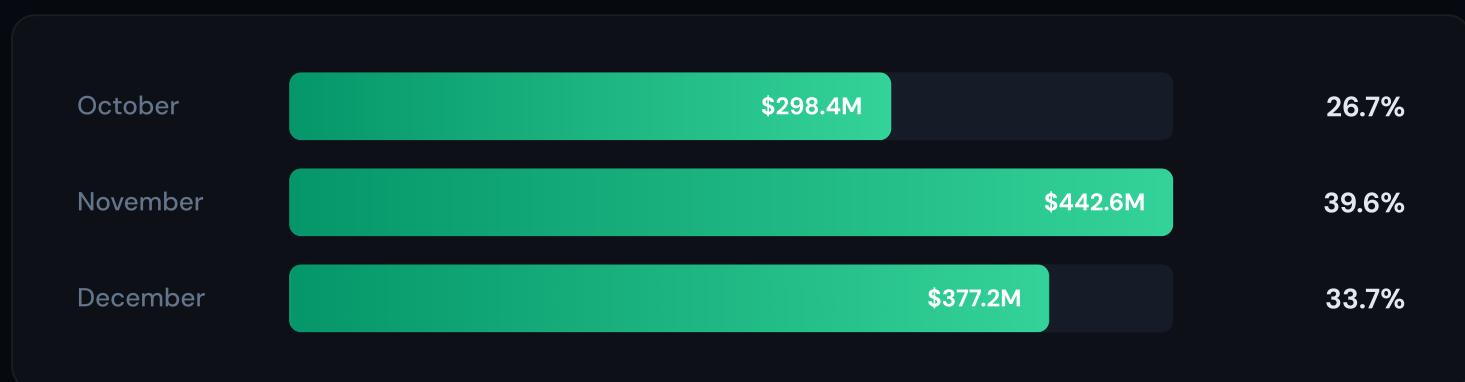
\$10.92B

Leverage: 2.61x

Algorithm Performance – Q4 2024								
Algorithm	Asset	Trades	Win Rate	Net P&L	Sharpe	Profit Factor	P&L Weight	
VORTEX-FX1	EURUSD	274,200	65.8%	\$168,400,000	3.72	2.94	<div><div style="width: 150%;">15.0%</div></div>	
APEX-IDX3	NASDAQ	212,400	63.7%	\$148,600,000	3.44	2.68	<div><div style="width: 133%;">13.3%</div></div>	
TITAN-MR7	SP500	171,800	68.4%	\$132,200,000	3.56	2.88	<div><div style="width: 118%;">11.8%</div></div>	
DRIFT-FX4	GBPUUSD	248,600	61.2%	\$118,400,000	3.18	2.54	<div><div style="width: 106%;">10.6%</div></div>	
PULSE-AU2	XAUUSD	132,100	64.8%	\$104,200,000	3.28	2.76	<div><div style="width: 93%;">9.3%</div></div>	
NOVA-CR1	BTCUSD	298,400	56.4%	\$86,800,000	2.42	2.12	<div><div style="width: 78%;">7.8%</div></div>	
ECHO-DJ5	US30	162,800	62.6%	\$72,400,000	2.96	2.48	<div><div style="width: 65%;">6.5%</div></div>	
SURGE-FX8	EURCAD	194,200	59.8%	\$64,200,000	2.74	2.34	<div><div style="width: 57%;">5.7%</div></div>	
ZENITH-NK6	NIKKEI 225	142,600	61.9%	\$56,800,000	2.82	2.42	<div><div style="width: 51%;">5.1%</div></div>	
FLUX-JP9	JP225	116,400	60.2%	\$44,600,000	2.64	2.28	<div><div style="width: 40%;">4.0%</div></div>	
HELIX-BT4	BTCUSD	241,200	54.6%	\$38,200,000	2.08	1.92	<div><div style="width: 34%;">3.4%</div></div>	
PRISM-AU2	XAUUSD	96,800	69.4%	\$34,600,000	4.08	3.12	<div><div style="width: 31%;">3.1%</div></div>	
STORM-EC11	EURCAD	168,400	57.2%	\$24,800,000	2.28	2.04	<div><div style="width: 22%;">2.2%</div></div>	
ORBIT-NQ6	NASDAQ	64,800	53.1%	-\$4,200,000	-0.28	0.88	<div><div style="width: 4%;">-0.4%</div></div>	

ALGORITHM	ASSET	TRADES	WIN RATE	NET P&L	SHARPE	PROFIT FACTOR	P&L WEIGHT
● GHOST-GB7	GBPUKD	48,200	46.8%	-\$12,800,000	-0.86	0.71	<div style="width: 10%; background-color: red;"></div> -1.1%
Portfolio Total		2,412,800	62.4%	\$1,118,200,000	2.98	2.51	<div style="width: 100%; background-color: green;"></div> 100%

Monthly Net P&L Breakdown



P&L Contribution by Asset Class



Portfolio Statistical Breakdown

METRIC	BEST	LOWEST	AVERAGE
Number of Trades	298,400 NOVA-CR1	48,200 GHOST-GB7	160,853
Win Rate	69.4% PRISM-AU2	46.8% GHOST-GB7	60.4%

