

Apex Capital Quantitative Division — Q4 2024 Report

HIGH FREQUENCY TRADING

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
<div><div></div></div> GHOST-GB7	GBPUSD	48,200	46.8%	-\$12,800,000	-0.86	0.71	<div><div></div></div> -1.1%
Portfolio Total		2,412,800	62.4%	\$1,118,200,000	2.98	2.51	<div><div></div></div> 100%

Monthly Net P&L Breakdown

October	<div><div></div></div> \$298.4M	26.7%
November	<div><div></div></div> \$442.6M	39.6%
December	<div><div></div></div> \$377.2M	33.7%

P&L Contribution by Asset Class

FX Pairs	<div><div></div></div> \$375.8M	33.6%
Indices	<div><div></div></div> \$454.6M	40.7%
Gold	<div><div></div></div> \$138.8M	12.4%
Crypto	<div><div></div></div> \$125.0M	11.2%

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%

