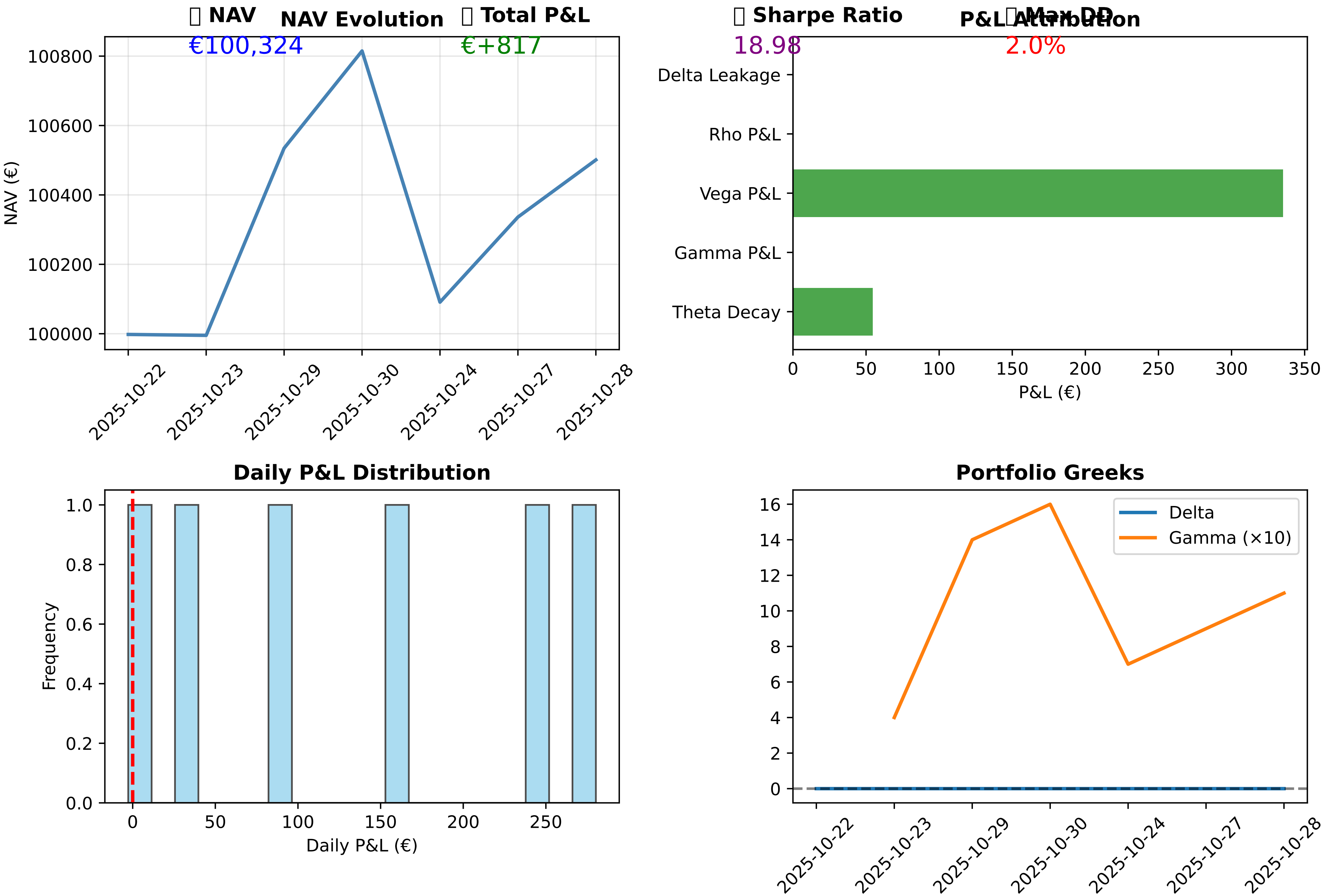
Delta-Hedging Strategy - Executive Summary

Report Date: October 30, 2025



Risk Analysis & Stress Testing

Stress Test Results

Scenario	P&L Impact	% of NAV	Delta-Neutral?
Market Crash (-20%)	€+3,284	+2.24%	✗
Vol Spike	€+4,750	+4.54%	✗
Rally (+15%)	€+2,010	+2.44%	✗
2020 COVID (-30%, vol +100%)	€+4,943	+3.48%	✗
Flash Crash (-10% instant)	€+3,840	+3.22%	✗

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□ MODEL RISK SUMMARY

Best Performing Model: CRR (MAE: 2.43€)

Key Findings:
• Black-Scholes shows overpricing
• Error increases with maturity: 0.00€/year
• 0% of error explained by (K,T)

Recommendation:
✓ Current model adequate
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⚠□ RISK METRICS

Value at Risk (95%): €nan
Conditional VaR:     €nan

Max Drawdown:        2.00%
Volatility (daily):  113.89€

Current Exposures:
• Delta: 0.000
• Gamma: 1.100
• Vega:  3973.6

Status: □ Low Risk
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