



PORTFOLIO INTELLIGENCE REPORT

Portfolio X-Ray

A clearer view of what you own, where risk clusters, and how alternative allocations may behave.

PREPARED FOR

B

DATA AS OF

2026-08-29

BASE CURRENCY

USD

THE PORTFOLIO AT A GLANCE

PORTFOLIO VALUE

\$1,982,108

HOLDINGS

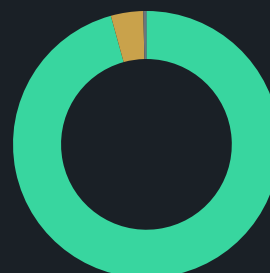
4

RETURN

19.4%

VOLATILITY

12.8%



VTI	95.7%
BTC	3.9%
BNDW	0.34%
VXUS	0.04%

01 — EXECUTIVE SUMMARY

Executive view

GENERAL READING

This is a small, highly concentrated portfolio dominated by a single US equity ETF, with a modest crypto allocation and minimal international or fixed-income exposure. The portfolio has delivered strong returns with moderate volatility and a solid risk-adjusted profile. Data coverage is complete. The extreme concentration in one holding presents a structural risk that outweighs the attractive recent performance; diversification is minimal despite the portfolio's solid withdrawal sustainability over the planning horizon.

ANALYSIS COVERAGE

100%

fund look-through

PORTFOLIO VALUE

\$1,982,108

4 assets

ANNUALIZED RETURN

19.6%

over the analyzed period

VOLATILITY

12.8%

annualized movement

SHARPE RATIO

1.17

return per unit of risk

SORTINO RATIO

1.70

downside-risk efficiency

MAX DRAWDOWN

-9.4%

largest historical decline

PORTFOLIO AT A GLANCE



HOW TO READ THIS REPORT

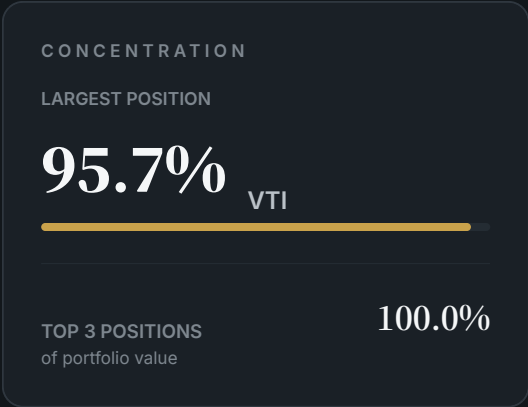
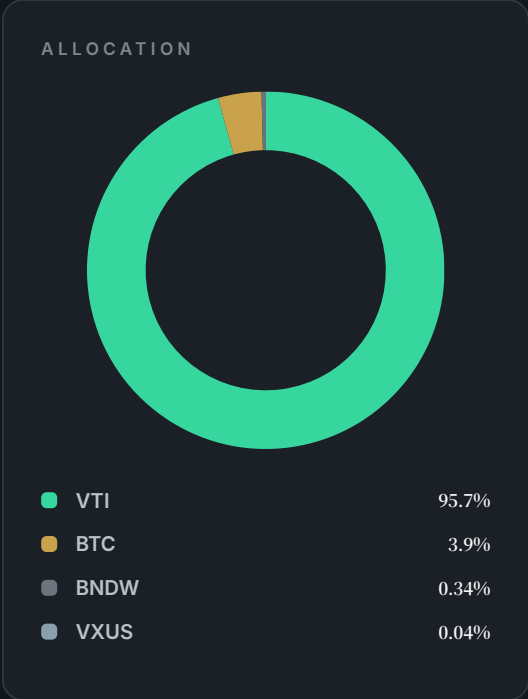
- 02 **What you own**
Composition, weights and concentration
- 03 **Risk and return**
Historical performance and risk metrics
- 04 **Diversification**
Correlation and overlap across holdings
- 05 **Quant Engine**
Five allocation profiles compared
- 06 **Retirement**
Long-term withdrawal sustainability

Portfolio anatomy

The portfolio consists of four holdings, with VTI representing the overwhelming majority of assets. BTC comprises a meaningful but secondary position, while BNDW and VXUS are token allocations. The composition is almost entirely US-focused, with equity exposure dominating and bonds playing virtually no role. This is an extremely concentrated portfolio, with the top holding alone accounting for nearly all the portfolio's weight and character.

ASSET	VALUE	WEIGHT	TYPE
VTI Vanguard Total Stock Market Index Fund E	\$1,896,800	95.7%	US ETF
BTC Bitcoin	\$77,692	3.9%	Crypto
BNDW Vanguard Total World Bond ETF	\$6,741	0.34%	US ETF
VXUS Vanguard Total International Stock Index	\$875	0.04%	US ETF

ALLOCATION BY TYPE			
US ETF	\$1,904,409	96.1%	
Crypto	\$77,699	3.9%	



03 — RISK AND RETURN

Historical performance and risk

The portfolio has delivered strong returns with moderate volatility and a respectable risk-adjusted outcome. The maximum drawdown was modest, and the Sortino ratio—which penalizes downside volatility more heavily—exceeds the Sharpe ratio, suggesting that most of the volatility came from upside moves rather than painful losses. The portfolio's return quality is solid relative to the risk taken, though the concentration in VTI means performance is largely a reflection of broad US equity market behavior.

VALUE PATH

ANALYSIS PERIOD: 0.99 years



TOTAL RETURN

19.4%

based on the frozen period

ANNUALIZED RETURN

19.6%

based on the frozen period

VOLATILITY

12.8%

based on the frozen period

SHARPE RATIO

1.17

based on the frozen period

SORTINO RATIO

1.70

based on the frozen period

MAX DRAWDOWN

-9.4%

based on the frozen period

VAR 95% DAILY

-1.19%

based on the frozen period

CVAR 95%

-1.65%

based on the frozen period

READING THE NUMBERS

Sharpe and Sortino above 1.0 generally indicate that returns have compensated for the risk taken; Sortino weighs only downside volatility. Maximum drawdown and VaR / CVaR describe how deep losses have been historically — smaller magnitudes mean a smoother path. All figures are based on the frozen analysis window and do not predict future results.

04 — DIVERSIFICATION

Correlation and overlap

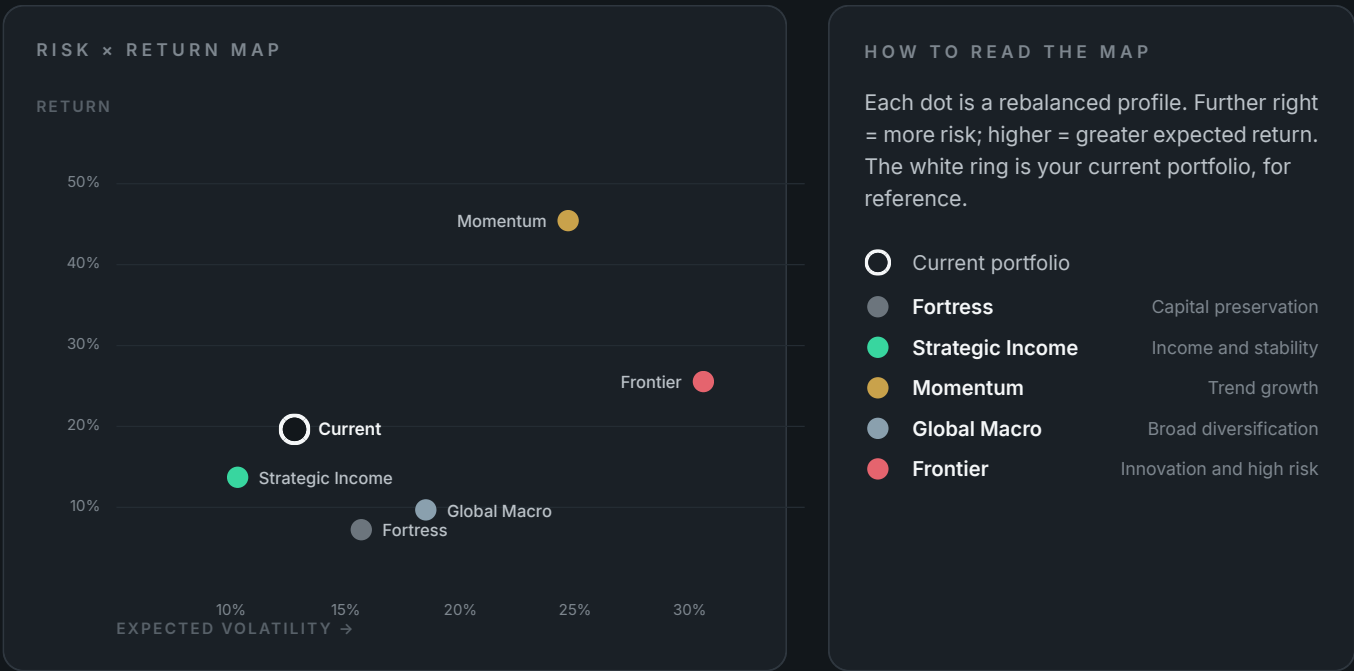
The portfolio exhibits mixed diversification characteristics. The three equity and bond holdings are tightly correlated with one another, meaning they tend to move together and offer limited hedging benefit. Bitcoin, however, is largely independent from the rest of the portfolio, providing genuine diversification value despite its small weight. This low correlation with traditional assets is one of the few structural strengths of the current allocation.



05 — QUANT ENGINE

Five allocation perspectives

Five strategic profiles offer distinct trade-offs. The fortress approach prioritizes capital preservation and income through bonds and gold, accepting lower expected returns. Strategic income emphasizes dividend and yield-paying equities and bonds for steady cash flow. Momentum pursues technology and semiconductor concentration for aggressive growth. Global macro diversifies across asset classes and geographies while maintaining meaningful crypto exposure. Frontier targets innovation-focused ETFs and emerging technologies for maximum growth potential. Each profile rebalances away from the current VTI dominance, though to vastly different degrees and destinations.



PROFILE COMPARISON				
PROFILE	EXP. RETURN	VOLATILITY	DIVERS.	INCOME/YR
○ Current portfolio Starting position	19.6%	12.8%	—	—
● Fortress Capital preservation	7.2%	15.7%	55	\$50,982
● Strategic Income Income and stability	13.6%	10.3%	49	\$75,912
● Momentum Trend growth	45.4%	24.7%	48	\$13,342
● Global Macro Broad diversification	9.6%	18.5%	51	\$36,768
● Frontier Innovation and high risk	25.5%	30.6%	48	\$10,504
Historical scenario analysis, not an investment recommendation. Return, volatility and income are estimates based on historical data and do not guarantee future results.				

05 · QUANT ENGINE · PROFILE 1 of 5

Fortress

Capital preservation

EXP. RETURN

7.2%

EXPECTED VOLATILITY

15.7%

DIVERS.

55

CONCENTRATION

20.0%

EST. INCOME / YR

\$50,982

SUGGESTED ALLOCATION

AGG

20%

BNDW

15%

GLD

15%

TLT

15%

VTI

12%

BTC

12%

VXUS

12%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
AGG		0% → 20%	Add
BNDW		0% → 15%	Increase
GLD		0% → 15%	Add
TLT		0% → 15%	Add
VTI		96% → 12%	Reduce
BTC		4% → 12%	Increase
VXUS		0% → 12%	Increase

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO

RETURN

19.6% → 7.2%

-12.4%

VOLATILITY

12.8% → 15.7%

+2.9%

CONCENTRATION

95.7% → 20.0%

-75.7%

INTELLIGENCE INSIGHT

🕒 PROFILE ANALYSIS

This profile suits a portfolio seeking to reduce volatility and protect capital while generating steady income. It dramatically reduces **VTI** from its current overwhelming weight and introduces **AGG**, **GLD**, and **TLT**—defensive positions that historically cushion downturns. **BNDW** and **BTC** are increased modestly, while **VXUS** gains a small boost. The rebalancing leans heavily toward bonds and precious metals, creating a portfolio built for stability rather than growth.

📈 EXPECTED IMPACT

The trade-off is substantial: expected return falls significantly, but volatility also declines and diversification improves markedly. Income generation rises sharply, making this profile suitable for those prioritizing cash flow and downside protection over capital appreciation. The portfolio becomes less sensitive to equity market swings and more resilient to inflation through gold exposure.

✅ HOW TO IMPLEMENT

Implementation would require selling a large portion of **VTI** and deploying proceeds into fixed-income and commodity positions. This is a structural shift, not a tactical adjustment, and should be considered carefully in light of current market conditions and personal risk tolerance.



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Strategic Income

Income and stability

EXP. RETURN	EXPECTED VOLATILITY	DIVERS.	CONCENTRATION	EST. INCOME / YR
13.6%	10.3%	49	27.7%	\$75,912

SUGGESTED ALLOCATION

BNDW	28%
JEPI	20%
SCHD	20%
VIG	10%
VTI	10%
VXUS	8%
BTC	4%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
BNDW		0% → 28%	Increase
JEPI		0% → 20%	Add
SCHD		0% → 20%	Add
VIG		0% → 10%	Add
VTI		96% → 10%	Reduce
VXUS		0% → 8%	Increase
BTC		4% → 4%	Hold

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO		
RETURN	VOLATILITY	CONCENTRATION
19.6% → 13.6%	12.8% → 10.3%	95.7% → 27.7%
-5.9%	-2.5%	-68.1%

INTELLIGENCE INSIGHT	
🕒 PROFILE ANALYSIS	This profile suits investors seeking a balance between growth and income, with emphasis on dividend-paying stocks and bond yields. It reduces VTI substantially and introduces JEPI, SCHD, and VIG—all vehicles designed to harvest income from equities. BNDW is increased to nearly a third of the portfolio, and BTC is held at its current modest level. The rebalancing creates a portfolio tilted toward income-generating assets while maintaining meaningful equity exposure.
📈 EXPECTED IMPACT	The trade-off is favorable for income-focused investors: expected return remains solid, volatility drops noticeably, and diversification improves. Annual income generation more than doubles compared to the current portfolio, making this profile attractive for those who need or prefer regular cash distributions. The portfolio becomes less volatile than today's allocation while sacrificing some upside potential.
✅ HOW TO IMPLEMENT	Implementation involves a moderate rebalancing, shifting from pure market-cap weighting toward dividend and yield strategies. This can be executed gradually and is less disruptive than the fortress approach, making it practical for investors who want to maintain equity exposure while boosting income.



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05 · QUANT ENGINE · PROFILE 3 of 5

Momentum

Trend growth

EXP. RETURN

45.4%

EXPECTED VOLATILITY

24.7%

DIVERS.

48

CONCENTRATION

30.0%

EST. INCOME / YR

\$13,342

SUGGESTED ALLOCATION

QQQ

30%

SMH

25%

XLK

20%

VXUS

10%

VTI

9%

BNDW

5%

BTC

2%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
QQQ		0% → 30%	Add
SMH		0% → 25%	Add
XLK		0% → 20%	Add
VXUS		0% → 10%	Increase
VTI		96% → 9%	Reduce
BNDW		0% → 5%	Increase
BTC		4% → 2%	Reduce

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO

RETURN

19.6% → 45.4%

+25.8%

VOLATILITY

12.8% → 24.7%

+11.9%

CONCENTRATION

95.7% → 30.0%

-65.7%

INTELLIGENCE INSIGHT

🕒 PROFILE ANALYSIS

This profile suits aggressive investors betting on technology and semiconductor outperformance, with **QQQ** and **SMH** as the dominant new positions. It adds concentrated exposure to growth sectors while trimming **VTI** and reducing **BTC**. The rebalancing creates a portfolio heavily tilted toward innovation and momentum, abandoning broad diversification in favor of sector concentration.

📈 EXPECTED IMPACT

The trade-off is stark: expected return rises sharply, but volatility nearly doubles and diversification deteriorates. This profile accepts significantly higher downside risk in pursuit of outsized gains. Income generation plummets, making this unsuitable for those needing portfolio cash flow. The portfolio becomes highly sensitive to technology sector performance and vulnerable to sharp reversals if growth narratives falter.

✅ HOW TO IMPLEMENT

Implementation requires conviction in technology outperformance and tolerance for large drawdowns. This is a high-conviction, high-risk approach best suited to investors with long time horizons and strong stomachs for volatility. Timing matters significantly, as momentum strategies can suffer badly when sentiment shifts.



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Global Macro

Broad diversification

EXP. RETURN

9.6%

EXPECTED VOLATILITY

18.5%

DIVERS.

51

CONCENTRATION

25.0%

EST. INCOME / YR

\$36,768

SUGGESTED ALLOCATION

BNDW

25%

VTI

25%

BTC

20%

VXUS

15%

EEM

10%

SCHD

5%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
VTI		96% → 25%	Reduce
BNDW		0% → 25%	Increase
BTC		4% → 20%	Increase
VXUS		0% → 15%	Increase
EEM		0% → 10%	Add
SCHD		0% → 5%	Add

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO

RETURN

19.6% → 9.6%

-10.0%

VOLATILITY

12.8% → 18.5%

+5.7%

CONCENTRATION

95.7% → 25.0%

-70.7%

INTELLIGENCE INSIGHT

🕒 PROFILE ANALYSIS

This profile suits investors seeking diversification across geographies, asset classes, and alternative exposures while maintaining meaningful crypto allocation. It reduces **VTI** to a quarter of the portfolio, increases **BNDW** and **BTC** substantially, and introduces **EEM** for emerging-market equity exposure. **VXUS** is increased to provide developed international diversification. The rebalancing creates a truly global portfolio with meaningful alternative asset exposure.

📈 EXPECTED IMPACT

The trade-off is moderate: expected return declines modestly from current levels, but volatility rises and diversification improves. The portfolio becomes less dependent on US equity performance and gains exposure to emerging markets and crypto, which may outperform in certain regimes. Income generation falls compared to strategic income but exceeds the current portfolio. The portfolio is more resilient to US-specific shocks and benefits from geographic diversification.

✅ HOW TO IMPLEMENT

Implementation involves meaningful rebalancing across multiple asset classes and geographies. This is a structural shift toward a truly global allocation and requires comfort with emerging-market volatility and crypto exposure. The approach is practical for investors with long time horizons who believe in global diversification and alternative assets.



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05 · QUANT ENGINE · PROFILE 5 of 5

Frontier

Innovation and high risk

EXP. RETURN

25.5%

EXPECTED
VOLATILITY

30.6%

DIVERS.

48

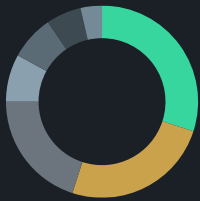
CONCENTRATION

30.0%

EST. INCOME / YR

\$10,504

SUGGESTED ALLOCATION



- ARKK
- ARKX
- QTUM
- VXUS
- VTI
- BNDW
- BTC

- 30%
- 25%
- 20%
- 8%
- 8%
- 6%
- 4%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
ARKK		0% → 30%	Add
ARKX		0% → 25%	Add
QTUM		0% → 20%	Add
VXUS		0% → 8%	Increase
VTI		96% → 8%	Reduce
BNDW		0% → 6%	Increase
BTC		4% → 4%	Hold

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO

RETURN

19.6% → 25.5%
+5.9%

VOLATILITY

12.8% → 30.6%
+178%

CONCENTRATION

95.7% → 30.0%
-65.7%

INTELLIGENCE INSIGHT

🕒 PROFILE ANALYSIS

This profile suits investors pursuing maximum growth through innovation-focused and emerging-technology ETFs, with **ARKK**, **ARKX**, and **QTUM** as dominant positions. It abandons broad market exposure in favor of concentrated bets on disruptive technologies and frontier innovation. **VTI** is trimmed sharply, and **BTC** is held modestly. The rebalancing creates a portfolio built for long-term technological disruption and innovation premiums.

📈 EXPECTED IMPACT

The trade-off is aggressive: expected return rises substantially, but volatility becomes very high and diversification deteriorates. This profile accepts significant drawdown risk in pursuit of transformational returns. Income generation is minimal, making this unsuitable for income-focused investors. The portfolio becomes highly concentrated in innovation themes and vulnerable to sentiment shifts in growth and technology sectors.

✅ HOW TO IMPLEMENT

Implementation requires deep conviction in frontier technologies and emerging innovation trends. This is a high-risk, high-reward approach best suited to young investors with very long time horizons and high risk tolerance. Execution should be deliberate, as these concentrated positions can experience severe drawdowns during market dislocations.



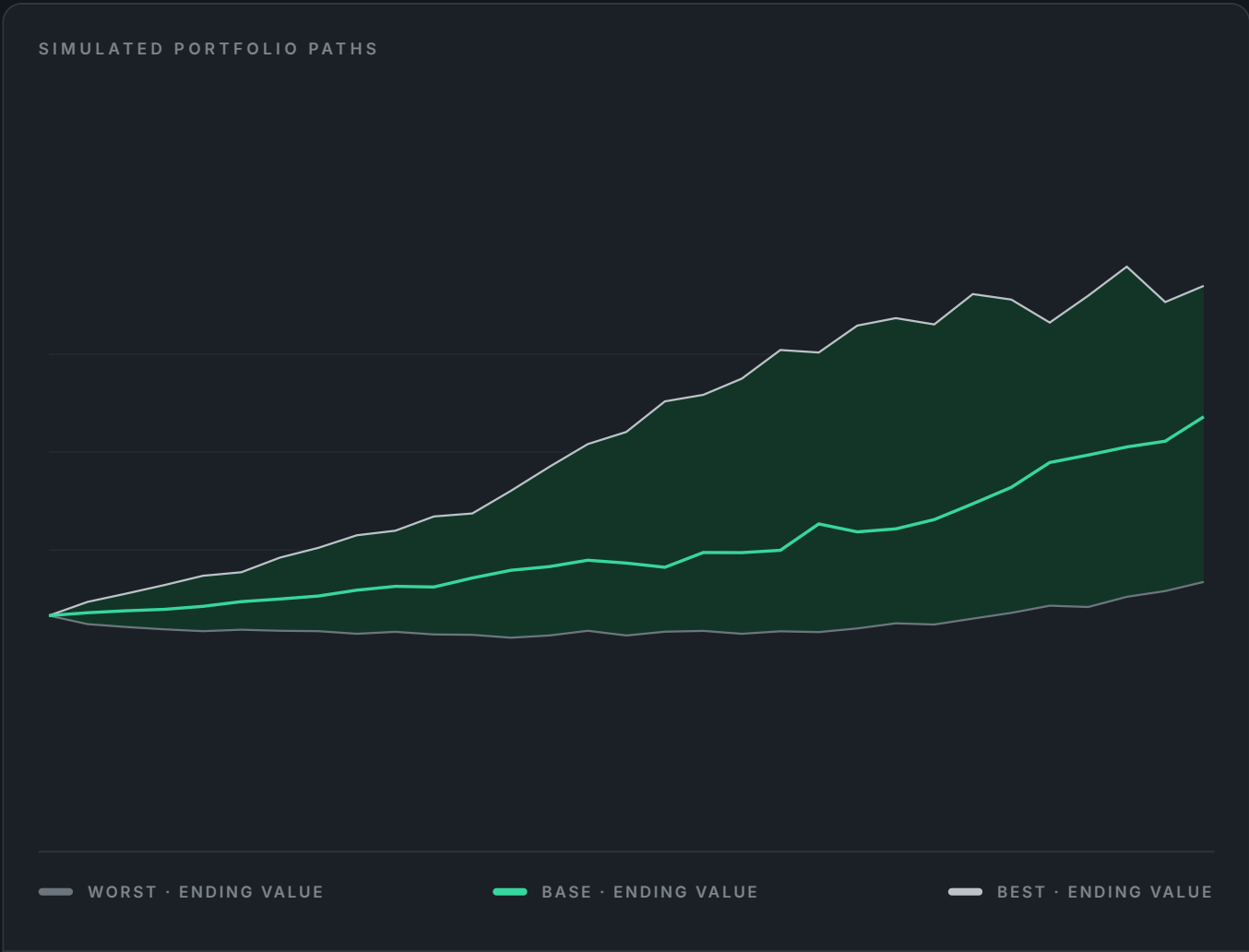
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06 — LONG-TERM PLANNING

Retirement runway

The portfolio is on track to sustain the planned withdrawal level with very high confidence. The safe withdrawal rate exceeds the planned spending rate, providing a meaningful margin of safety. Even under adverse scenarios, the portfolio is projected to grow substantially over the planning horizon, indicating that withdrawals are well below what the portfolio can support. The combination of modest spending relative to portfolio size and strong expected returns creates a highly sustainable plan with ample preservation of capital.

STARTING VALUE \$1,982,108	TARGET ANNUAL SPENDING \$60,000 30 years	WITHDRAWAL RATE 3.00% Safe withdrawal rate: 4.42%	SUCCESS RATE 100% historically sustainable paths
CAPITAL PRESERVATION 100% scenarios preserving capital	PORTFOLIO NEEDED \$1,345,768	OTHER ANNUAL INCOME \$500	ANNUAL CONTRIBUTION \$750





\$3,424,536

\$10,503,723

\$16,109,785

What to review

Three structural issues warrant attention. First, the portfolio's extreme concentration in VTI creates unnecessary single-position risk that is not offset by the modest crypto allocation. Second, the three traditional holdings are tightly correlated, limiting diversification benefits despite holding four separate positions. Third, while withdrawal sustainability is excellent, the portfolio's composition leaves it vulnerable to prolonged US equity underperformance and offers minimal income generation. Rebalancing toward greater diversification and income would strengthen the portfolio without jeopardizing the strong withdrawal outlook.

- 01

REVIEW POINT

VTI dominates the portfolio; consider whether this concentration aligns with your risk tolerance or if modest diversification into bonds or international equities would improve resilience.
- 02

REVIEW POINT

VXUS, BNDW, and VTI move together; their combined weight is negligible, so they provide little hedging value—either increase them meaningfully or simplify the portfolio.
- 03

REVIEW POINT

The portfolio generates minimal income; if cash flow matters, strategic income or fortress profiles offer substantially higher yield without sacrificing long-term sustainability.

METHODOLOGY AND DISCLOSURES

PERFORMANCE	fixed-current-weight.v1
CORRELATION	pairwise-overlap.v1
QUANT	five-profile-rebalancing.v1
RUNWAY	historical-path-runway.v1
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