



PORTFOLIO INTELLIGENCE REPORT

Portfolio X-Ray

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

PREPARED FOR
J.D.

DATA AS OF
2026-10-07

BASE CURRENCY
USD

THE PORTFOLIO AT A GLANCE

PORTFOLIO VALUE

\$163,147

HOLDINGS

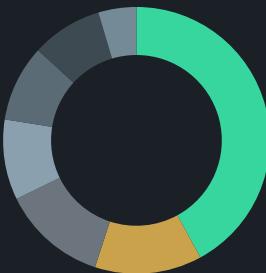
7

RETURN

8.7%

VOLATILITY

12.2%



VTI	42.0%
VXUS	13.0%
BTC	12.8%
MSFT	9.7%
AAPL	9.3%

01 — EXECUTIVE SUMMARY

Executive view

GENERAL READING

This is a moderately sized portfolio with solid diversification across US equities, international exposure, and cryptocurrency. The portfolio has delivered respectable returns with manageable volatility and a strong risk-adjusted profile. The largest position is a broad US market ETF, which anchors the portfolio well. Overall data coverage is complete, allowing for reliable analysis. The portfolio shows good resilience and appears well-positioned for long-term growth, though the concentration in a single holding and the inclusion of a volatile asset class warrant ongoing attention.

ANALYSIS COVERAGE

100%

fund look-through

PORTFOLIO VALUE

\$163,147

7 assets

ANNUALIZED RETURN

8.8%

over the analyzed period

VOLATILITY

12.2%

annualized movement

SHARPE RATIO

0.42

return per unit of risk

SORTINO RATIO

0.61

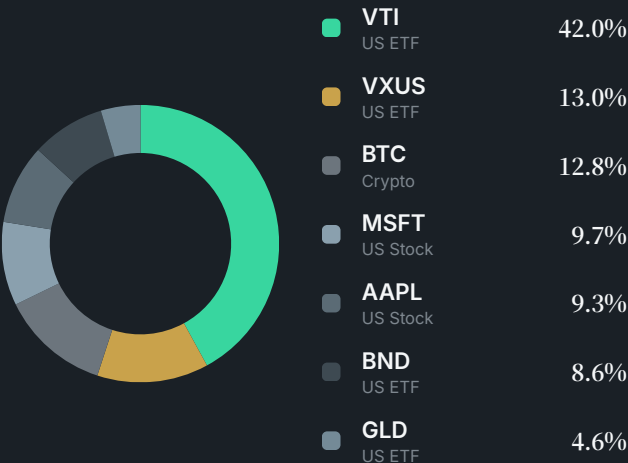
downside-risk efficiency

MAX DRAWDOWN

-11.4%

largest historical decline

PORTFOLIO AT A GLANCE



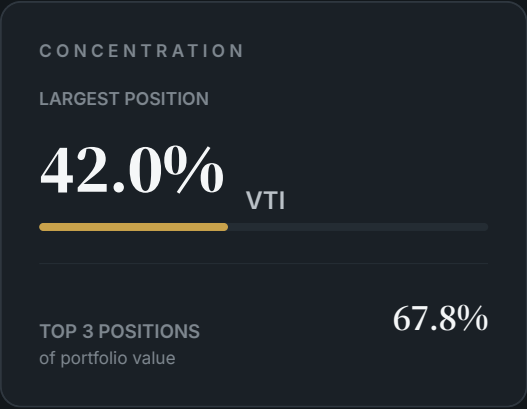
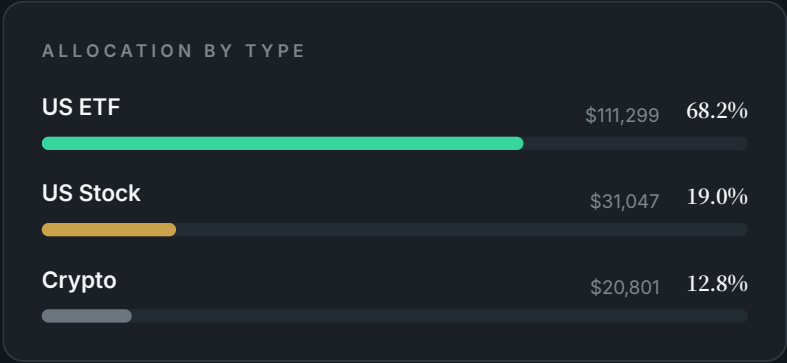
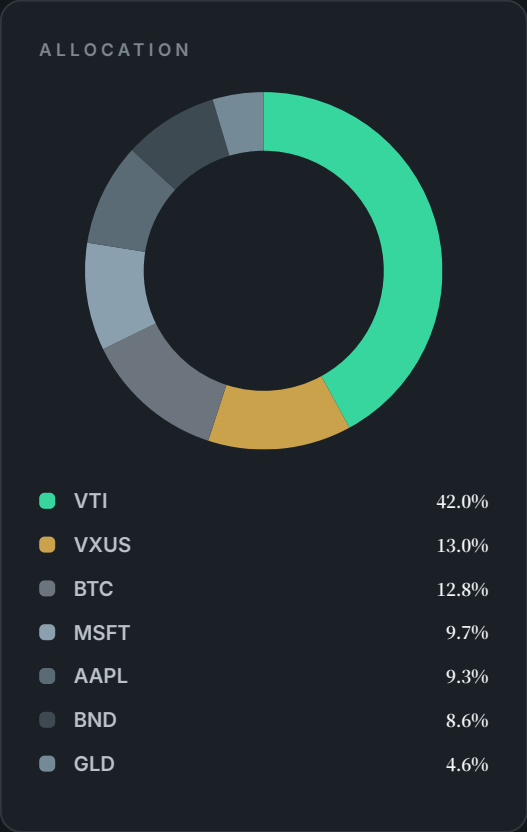
HOW TO READ THIS REPORT

- 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 seven holdings split across US ETFs, individual US stocks, and cryptocurrency. VTI dominates as the largest position, representing a broad US market foundation. VXUS provides international diversification, while MSFT and AAPL add concentrated exposure to mega-cap technology. BTC introduces a volatile, uncorrelated asset. The overall composition is moderately concentrated, with the top holding commanding a substantial share of the portfolio. Asset allocation leans heavily toward US equities through both the broad ETF and individual stocks, with a meaningful allocation to crypto that adds both opportunity and risk.

ASSET	VALUE	WEIGHT	TYPE
VTI Vanguard Total Stock Market	\$68,585	42.0%	US ETF
VXUS VXUS	\$21,198	13.0%	US ETF
BTC Bitcoin	\$20,804	12.8%	Crypto
MSFT Microsoft Corp.	\$15,893	9.7%	US Stock
AAPL Apple Inc.	\$15,150	9.3%	US Stock
BND Vanguard Total Bond Market	\$14,000	8.6%	US ETF
GLD SPDR Gold Shares	\$7,518	4.6%	US ETF



03 — RISK AND RETURN

Historical performance and risk

The portfolio has delivered solid returns with modest volatility, reflecting a balanced approach to growth and stability. The realized return has been achieved with a manageable drawdown, indicating reasonable downside protection during market stress. Risk-adjusted returns appear respectable, though the Sharpe ratio suggests there is room for improvement in return per unit of risk taken. The portfolio has weathered its recent history without severe losses, and the tail-risk metrics indicate that extreme downside scenarios, while possible, remain within reasonable bounds for a growth-oriented portfolio.

VALUE PATH

ANALYSIS PERIOD: 0.99 years

+9%



-10%

Oct '25

Oct '26

TOTAL RETURN

8.7%

based on the frozen period

ANNUALIZED RETURN

8.8%

based on the frozen period

VOLATILITY

12.2%

based on the frozen period

SHARPE RATIO

0.42

based on the frozen period

SORTINO RATIO

0.61

based on the frozen period

MAX DRAWDOWN

-11.4%

based on the frozen period

VAR 95% DAILY

-1.12%

based on the frozen period

CVAR 95%

-1.50%

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.

Correlation and overlap

The portfolio exhibits moderate average correlation among holdings, which provides meaningful diversification benefits. The strongest correlations exist among equity positions, as expected, while cryptocurrency shows notably low or even slightly negative correlation with traditional assets. This low correlation with BTC is a key diversification strength, as it tends to move independently from stocks and bonds. The international ETF shows elevated correlation with the broad US market, which is natural but worth monitoring for redundancy.

AVERAGE ABSOLUTE CORRELATION

0.23

MOST CORRELATED

VTI · VXUS0.84

VXUS · GLD0.51

VXUS · BND0.50

LEAST CORRELATED

AAPL · BTC-0.00

BND · BTC-0.05

AAPL · GLD0.06

CORRELATION MATRIX							
	VTI	VXUS	BND	AAPL	GLD	BTC	MSFT
VTI	1.00	0.84	0.41	0.36	0.35	0.07	0.37
VXUS	0.84	1.00	0.50	0.26	0.51	0.06	0.19
BND	0.41	0.50	1.00	0.13	0.27	-0.05	0.07
AAPL	0.36	0.26	0.13	1.00	0.06	-0.00	0.14
GLD	0.35	0.51	0.27	0.06	1.00	0.08	0.08
BTC	0.07	0.06	-0.05	-0.00	0.08	1.00	0.10
MSFT	0.37	0.19	0.07	0.14	0.08	0.10	1.00

INTELLIGENCE INSIGHT

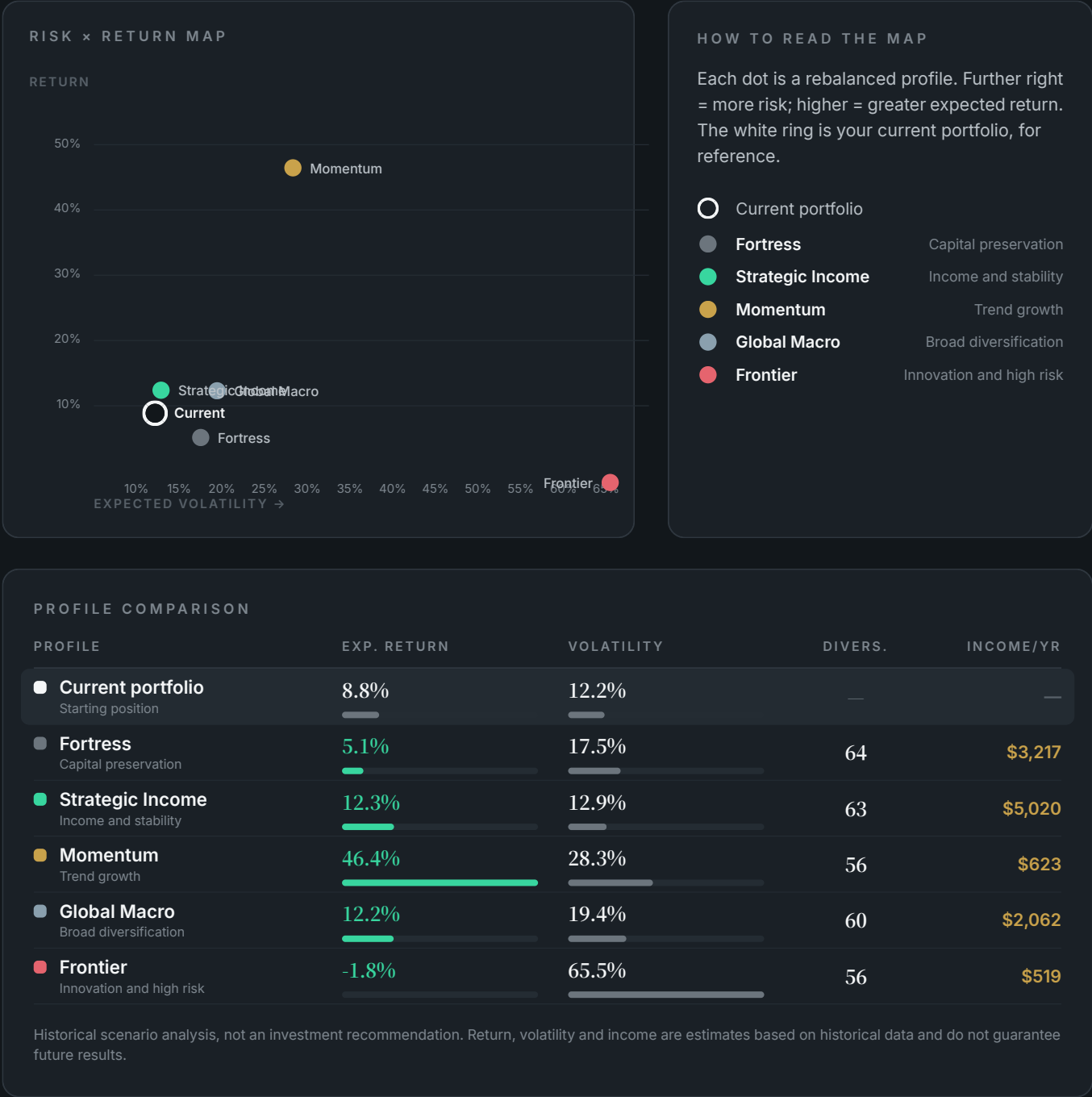
VTI and VXUS are tightly correlated, suggesting some overlap in diversification benefit between US and international equity exposure.

BTC shows near-zero or slightly negative correlation with AAPL and BND, providing genuine portfolio diversification.

VXUS displays moderate correlation with GLD and BND, indicating some shared economic drivers across these positions.

Five allocation perspectives

Five strategic profiles offer distinct approaches to rebalancing the portfolio, each with different risk-return and income characteristics. The fortress profile prioritizes capital preservation and stability, while strategic income emphasizes yield generation. The momentum profile targets aggressive growth through concentrated technology exposure. Global macro seeks balanced international diversification, and frontier pursues speculative high-growth opportunities. Each profile involves meaningful reallocation and carries distinct trade-offs in expected return, volatility, and income generation.



Fortress

Capital preservation

EXP. RETURN

5.1%

EXPECTED
VOLATILITY

17.5%

DIVERS.

64

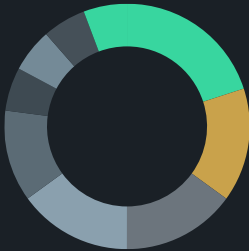
CONCENTRATION

20.0%

EST. INCOME / YR

\$3,217

SUGGESTED ALLOCATION



BND	20%
IAU	15%
IEF	15%
VTI	15%
VXUS	12%
AAPL	6%
BTC	6%
GLD	6%
MSFT	6%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
BND		9% → 20%	Increase
VTI		42% → 15%	Reduce
IAU		0% → 15%	Add
IEF		0% → 15%	Add
VXUS		13% → 12%	Hold
BTC		13% → 6%	Reduce
MSFT		10% → 6%	Reduce
AAPL		9% → 6%	Reduce
GLD		5% → 6%	Hold

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO

RETURN

8.8% → 5.1%
-3.7%

VOLATILITY

12.2% → 17.5%
+5.3%

CONCENTRATION

42.0% → 20.0%
-22.0%

INTELLIGENCE INSIGHT

🕒 PROFILE ANALYSIS

The fortress profile suits an investor prioritizing capital preservation and downside protection. This rebalancing significantly increases bond exposure through **BND**, adds precious metals via **IAU** and **IEF**, and substantially reduces the concentrated equity positions in **VTI**, **AAPL**, **MSFT**, and **BTC**. The profile maintains modest international exposure through **VXUS** while building a defensive core.

📈 EXPECTED IMPACT

This approach trades growth potential for stability and income. Expected returns decline meaningfully, but volatility also increases due to the bond allocation's duration risk, while diversification improves substantially. The portfolio would generate more passive income, creating a more defensive posture suitable for capital preservation or near-term spending needs.

✅ HOW TO IMPLEMENT

Implementation would require careful sequencing to avoid realizing large losses on **BTC** and individual stocks. The shift toward bonds and precious metals may feel counterintuitive during equity rallies, so conviction in the preservation goal is essential.

Historical scenario analysis, not an investment recommendation. Return, volatility and income are estimates based on historical data and do not guarantee future results.

Strategic Income

Income and stability

EXP. RETURN

12.3%

EXPECTED VOLATILITY

12.9%

DIVERS.

63

CONCENTRATION

20.4%

EST. INCOME / YR

\$5,020

SUGGESTED ALLOCATION

BND

DGRO

DIVO

HDV

AAPL

VTI

VXUS

MSFT

GLD

BTC

20%

20%

20%

10%

10%

6%

5%

4%

4%

2%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
BND		9%→20%	Increase
DGRO		0%→20%	Add
DIVO		0%→20%	Add
HDV		0%→10%	Add
AAPL		9%→10%	Hold
VTI		42%→6%	Reduce
VXUS		13%→5%	Reduce
MSFT		10%→4%	Reduce
GLD		5%→4%	Hold
BTC		13%→2%	Reduce

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO

RETURN

8.8% → 12.3%

+3.5%

VOLATILITY

12.2% → 12.9%

+0.7%

CONCENTRATION

42.0% → 20.4%

-21.7%

INTELLIGENCE INSIGHT

🕒

PROFILE ANALYSIS

The strategic income profile emphasizes yield generation and dividend growth, making it suitable for investors seeking regular cash flow. This rebalancing introduces dividend-focused ETFs like **DGRO**, **DIVO**, and **HDV** alongside increased bond exposure through **BND**. Equity positions are trimmed significantly, particularly **VTI**, **VXUS**, **MSFT**, and **BTC**, while **AAPL** is held for its dividend contribution.

📈

EXPECTED IMPACT

This approach maintains reasonable expected returns while reducing volatility compared to the current portfolio. Diversification remains solid, and the portfolio generates substantially higher passive income through dividends and bond yields. The trade-off is lower capital appreciation potential and reduced exposure to growth-oriented technology stocks.

✅

HOW TO IMPLEMENT

The transition requires identifying tax-efficient entry points for the new dividend ETFs and managing the timing of equity reductions. This profile works well for investors in or near retirement who prioritize steady income over capital growth.

Historical scenario analysis, not an investment recommendation. Return, volatility and income are estimates based on historical data and do not guarantee future results.

For educational and informational purposes only — not investment, tax, legal, or retirement advice. Historical and simulated results do not guarantee future outcomes.

Powered by Vortaris Intelligence

A7E60DE6 · 08 / 13

05 · QUANT ENGINE · PROFILE 3 of 5

Momentum

Trend growth

EXP. RETURN

46.4%

EXPECTED VOLATILITY

28.3%

DIVERS.

56

CONCENTRATION

30.0%

EST. INCOME / YR

\$623

SUGGESTED ALLOCATION

VGT

30%

SOXX

25%

QQQ

20%

AAPL

9%

VXUS

4%

VTI

4%

BND

3%

GLD

2%

MSFT

2%

BTC

1%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
VGT		0%→30%	Add
SOXX		0%→25%	Add
QQQ		0%→20%	Add
AAPL		9%→9%	Hold
VXUS		13%→4%	Reduce
VTI		42%→4%	Reduce
BND		9%→3%	Reduce
GLD		5%→2%	Reduce
MSFT		10%→2%	Reduce
BTC		13%→1%	Reduce

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO

RETURN

8.8% → 46.4%

+376%

VOLATILITY

12.2% → 28.3%

+16.1%

CONCENTRATION

42.0% → 30.0%

-12.1%

INTELLIGENCE INSIGHT

🕒

PROFILE ANALYSIS

The momentum profile targets aggressive growth through concentrated exposure to technology and growth sectors. This rebalancing introduces **VGT**, **SOXX**, and **QQQ**—all technology-heavy indices—while dramatically reducing diversifying positions like **BND**, **GLD**, **VXUS**, and **BTC**. **AAPL** is held for its growth characteristics, while other positions are minimized.

📈

EXPECTED IMPACT

This approach significantly raises expected returns but at the cost of substantially higher volatility and reduced diversification. The portfolio becomes highly concentrated in a single sector, amplifying both upside and downside swings. Passive income drops sharply, and the portfolio becomes sensitive to technology sector cycles and sentiment shifts.

✅

HOW TO IMPLEMENT

Implementation requires strong conviction in continued technology outperformance and tolerance for large drawdowns. This profile is best suited for investors with long time horizons and the emotional discipline to hold through sector rotations and corrections.

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 4 of 5

Global Macro

Broad diversification

EXP. RETURN

12.2%

EXPECTED VOLATILITY

19.4%

DIVERS.

60

CONCENTRATION

25.0%

EST. INCOME / YR

\$2,062

SUGGESTED ALLOCATION

AAPL	25%
BND	23%
VEA	15%
VWO	10%
MSFT	8%
BTC	6%
GLD	5%
VXUS	4%
VTI	4%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
AAPL		9% → 25%	Increase
BND		9% → 23%	Increase
VEA		0% → 15%	Add
VWO		0% → 10%	Add
MSFT		10% → 8%	Hold
BTC		13% → 6%	Reduce
GLD		5% → 5%	Hold
VXUS		13% → 4%	Reduce
VTI		42% → 4%	Reduce

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO

RETURN

8.8% → 12.2%
+3.4%

VOLATILITY

12.2% → 19.4%
+73%

CONCENTRATION

42.0% → 25.0%
-170%

INTELLIGENCE INSIGHT

🕒 PROFILE ANALYSIS

The global macro profile balances growth with international diversification and defensive positioning. This rebalancing increases **AAPL** and **BND** significantly, introduces emerging and developed market exposure through **VEA** and **VWO**, and moderates positions in **VTI**, **VXUS**, **BTC**, and **MSFT**. The approach seeks to capture global economic growth while maintaining stability.

📈 EXPECTED IMPACT

Expected returns remain solid while volatility increases modestly due to emerging market exposure. Diversification improves through geographic spread, and the portfolio maintains reasonable income generation. The trade-off is reduced concentration in mega-cap US technology and exposure to currency and geopolitical risks through international holdings.

✅ HOW TO IMPLEMENT

This profile requires comfort with emerging market volatility and currency fluctuations. Implementation should consider the timing of international market cycles and the investor's risk tolerance for non-US equity exposure.

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 5 of 5

Frontier

Innovation and high risk

EXP. RETURN

-1.8%

EXPECTED VOLATILITY

65.5%

DIVERS.

56

CONCENTRATION

30.0%

EST. INCOME / YR

\$519

SUGGESTED ALLOCATION

PLTR

30%

RKLB

25%

IONQ

20%

AAPL

5%

VXUS

4%

VTI

4%

GLD

3%

BND

3%

MSFT

3%

BTC

2%

REBALANCING ACTIONS

ASSET	CURRENT → SUGGESTED	WEIGHT	ACTION
PLTR		0%→30%	Add
RKLB		0%→25%	Add
IONQ		0%→20%	Add
AAPL		9%→5%	Reduce
VXUS		13%→4%	Reduce
VTI		42%→4%	Reduce
GLD		5%→3%	Hold
BND		9%→3%	Reduce
MSFT		10%→3%	Reduce
BTC		13%→2%	Reduce

ESTIMATED IMPACT VS. YOUR CURRENT PORTFOLIO

RETURN

8.8% → -1.8%

-10.6%

VOLATILITY

12.2% → 65.5%

+53.3%

CONCENTRATION

42.0% → 30.0%

-12.1%

INTELLIGENCE INSIGHT

🕒

PROFILE ANALYSIS

The frontier profile pursues speculative high-growth opportunities through concentrated positions in emerging growth stocks like **PLTR**, **RKLB**, and **IONQ**. This aggressive rebalancing dramatically reduces traditional diversifiers—**BND**, **GLD**, **VXUS**, **VTI**, and **BTC**—in favor of unproven, volatile growth stories.

📈

EXPECTED IMPACT

This approach offers the highest expected volatility and the lowest expected returns among the profiles, reflecting the speculative nature of frontier companies. Diversification declines sharply, and passive income becomes minimal. The portfolio becomes highly dependent on the success of a few individual companies and sector trends.

✅

HOW TO IMPLEMENT

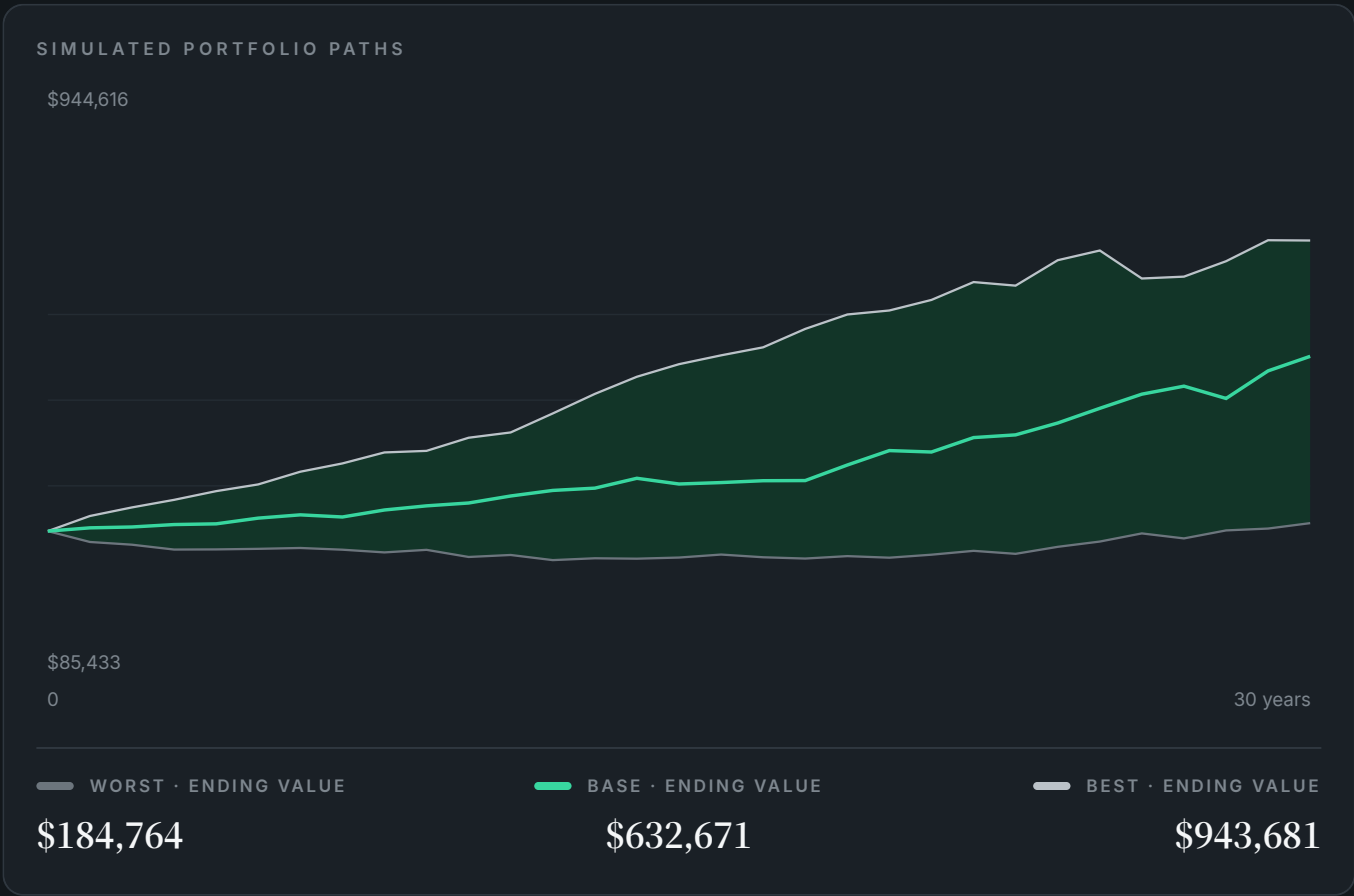
Implementation of this profile carries substantial execution risk and requires deep conviction in the selected companies' long-term potential. This approach is suitable only for investors with very high risk tolerance, long time horizons, and the ability to withstand severe drawdowns without panic selling.

Historical scenario analysis, not an investment recommendation. Return, volatility and income are estimates based on historical data and do not guarantee future results.

Retirement runway

The portfolio demonstrates excellent sustainability for the stated spending plan, with a success rate indicating near-certain achievement of the withdrawal goal over the planning horizon. The safe withdrawal rate substantially exceeds the planned spending rate, providing a comfortable margin of safety. The portfolio is projected to grow significantly under base-case and optimistic scenarios, while even worst-case outcomes preserve substantial capital. This strong positioning reflects both the portfolio's growth potential and the modest withdrawal rate relative to the asset base, ensuring long-term financial security.

STARTING VALUE \$163,147	TARGET ANNUAL SPENDING \$6,000 30 years	WITHDRAWAL RATE 3.68% Safe withdrawal rate: 4.75%	SUCCESS RATE 100% historically sustainable paths
CAPITAL PRESERVATION 96% scenarios preserving capital	PORTFOLIO NEEDED \$126,406	OTHER ANNUAL INCOME \$0	ANNUAL CONTRIBUTION \$0



What to review

Three key areas merit attention: the concentration risk in VTI, the high correlation between major equity positions, and the portfolio's strong withdrawal sustainability. While the portfolio is well-positioned for long-term success, addressing concentration and correlation overlap could improve risk-adjusted returns without sacrificing the withdrawal plan's security.

- 01

REVIEW POINT

VTI represents a dominant position; consider whether this concentration aligns with your risk tolerance or if modest rebalancing toward other diversifiers would improve portfolio resilience.
- 02

REVIEW POINT

VTI and VXUS are highly correlated, creating some redundancy in equity exposure; evaluate whether both positions serve distinct strategic purposes or if consolidation would simplify the portfolio.
- 03

REVIEW POINT

The portfolio's withdrawal plan succeeds with high confidence, providing flexibility to adjust allocations toward income, growth, or risk management based on changing circumstances.

METHODOLOGY AND DISCLOSURES

PERFORMANCE	fixed-current-weight.v1
CORRELATION	pairwise-overlap.v1
QUANT	five-profile-rebalancing.v1
RUNWAY	historical-path-runway.v1
For educational and informational purposes only. This report is not investment, tax, legal, or retirement advice. Historical and simulated results do not guarantee future outcomes. Values can change and data coverage may be incomplete.	



Report ID: a7e60de6-ca5e-4ba4-82a8-ccb15c93c84