



MACKENZIE | CONFIDENCE
Investments IN A CHANGING WORLD

Symmetry Portfolios

Deep Pension-Style Expertise



Investment Challenges

Successful investing requires time, discipline, expertise, technical knowledge, risk management and market monitoring.

What is my risk tolerance?

There are so many securities across so many asset classes!

How much should I put in each asset class?

How do I take advantage of events?

How do I make sense of all this information?

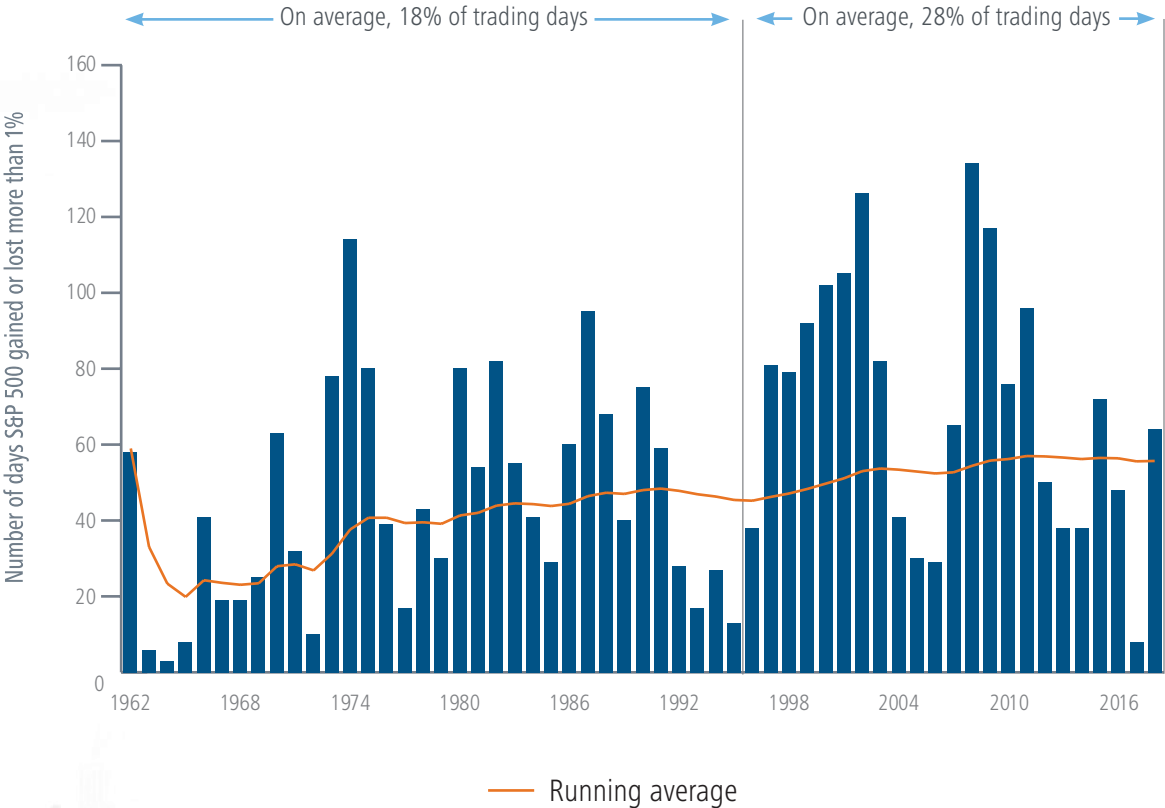
What should I invest in?

If I get out... when do I get back in?

How do I pick which securities are right for me?

Markets Can Be Unpredictable

Number of Days the U.S. Equity Market Experienced a 1% Movement In Either Direction

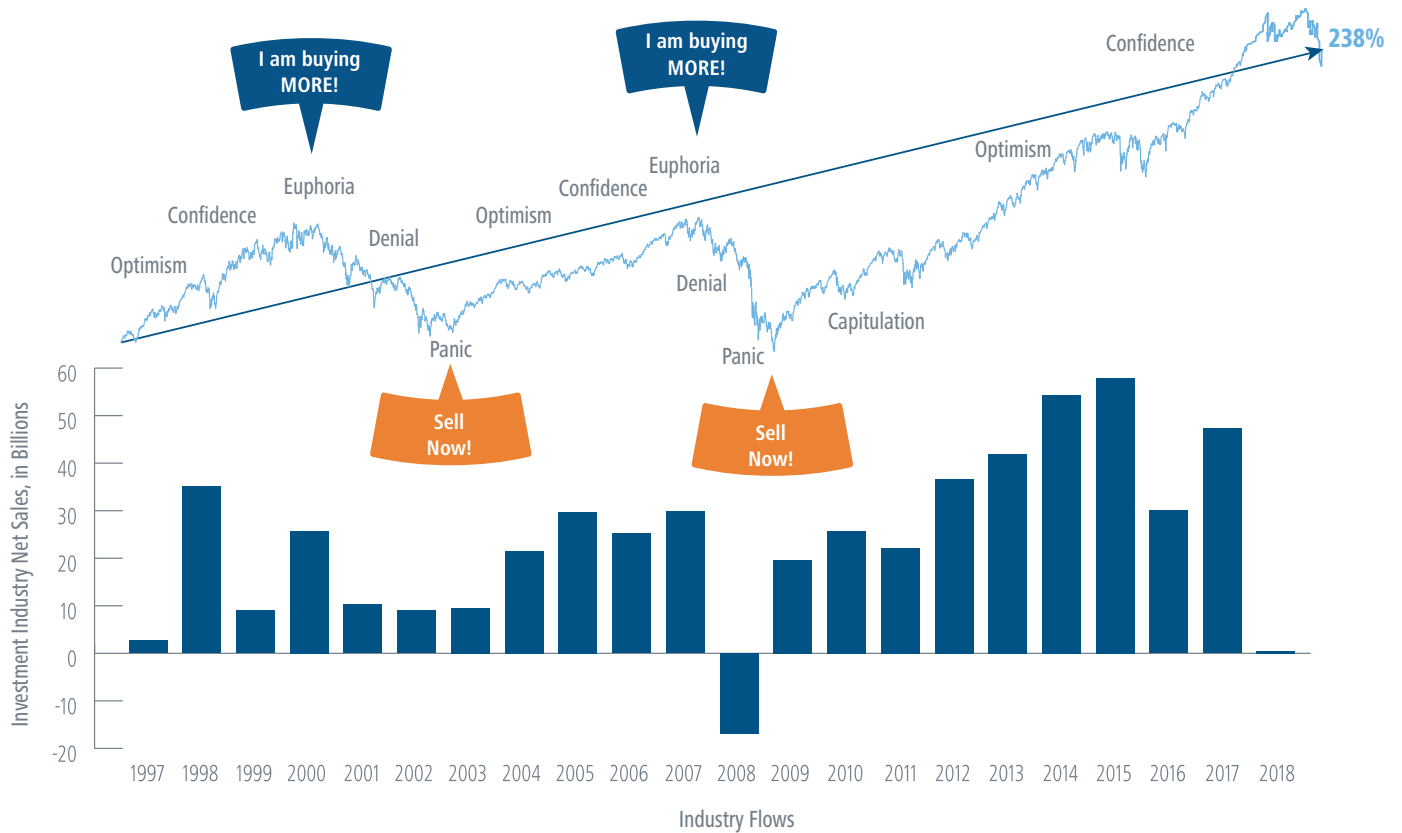


Investments may be subject to larger swings more frequently.

Source: Bloomberg, as of December 31, 2018.

Volatility Can Lead to an Emotional Roller Coaster

Risk of Making Wrong Decisions: Buy High and Sell Low

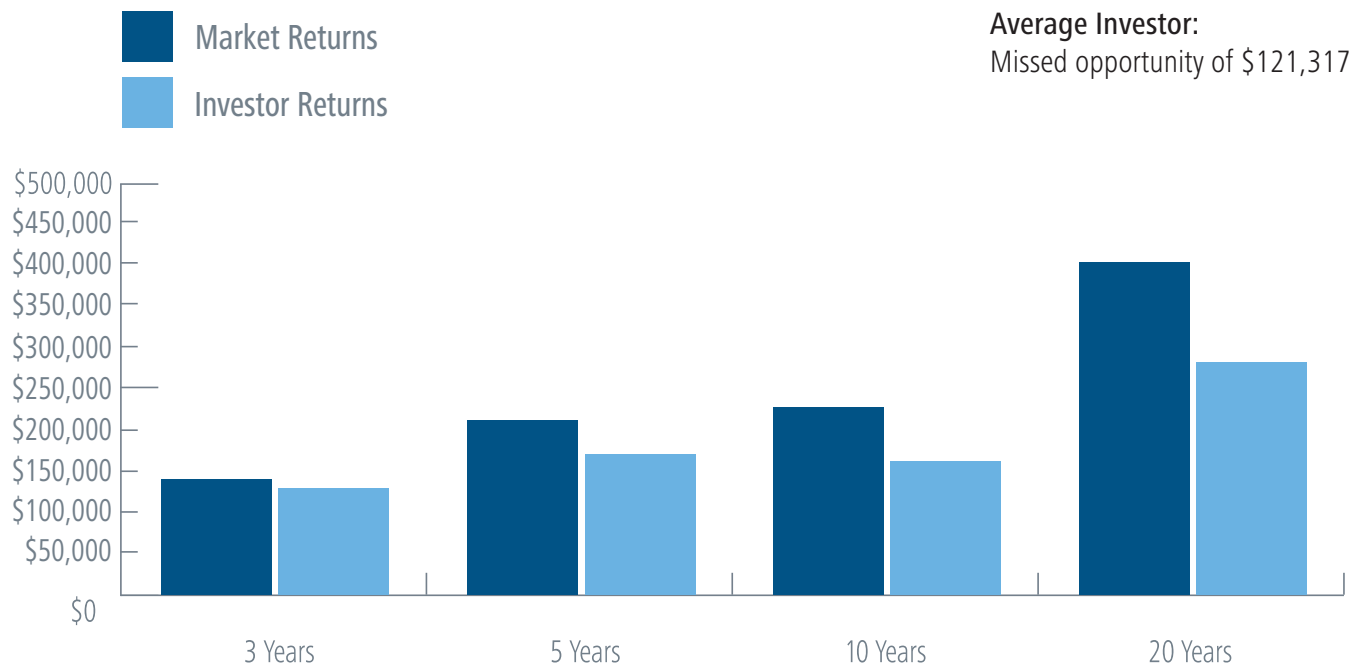


When markets are down, investors panic and sell low. When markets are up, investors react and buy high. This emotional roller coaster is evident in the investment industry net sales.

Source: Bloomberg, IFIC, as of December 31, 2018.

The Result: Investors Underperform The Market

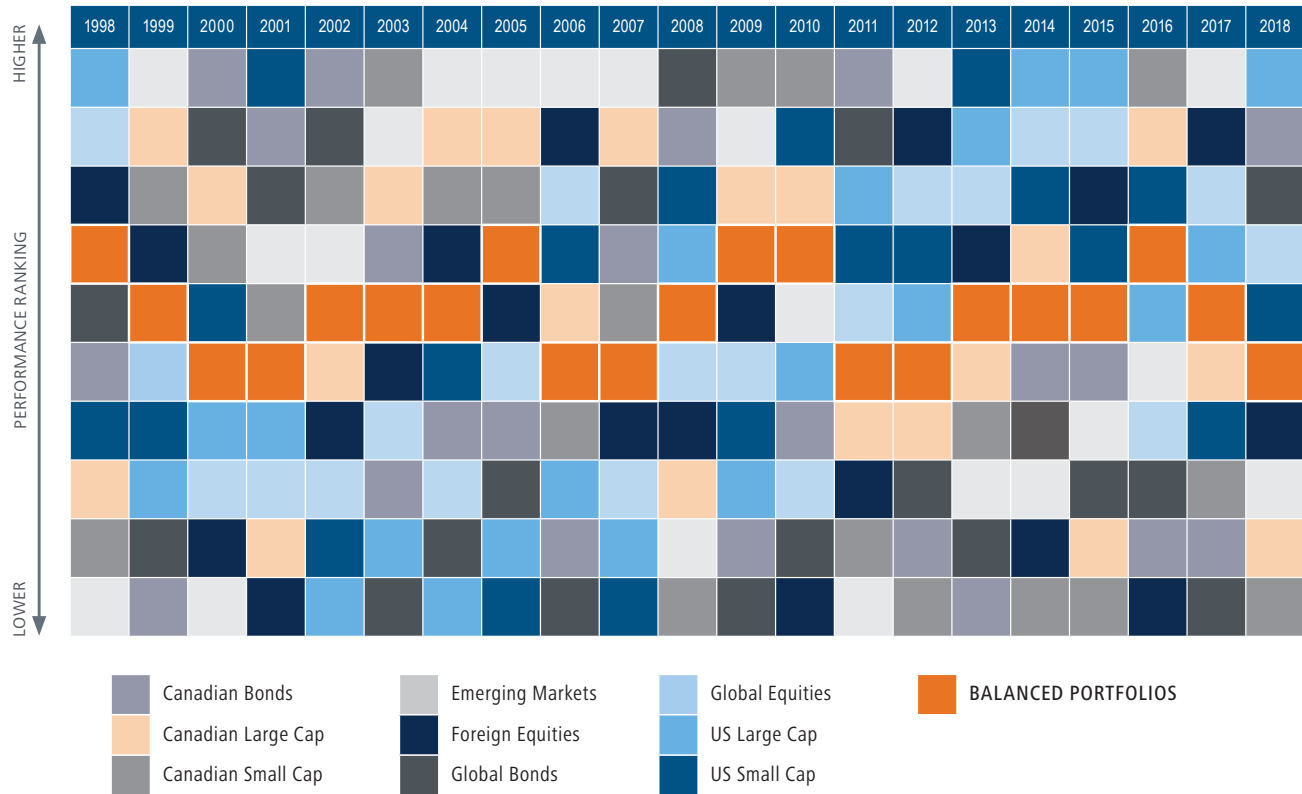
An initial investment of \$100,000 into the S&P 500 20 years ago would have grown to \$401,694 by the end of 2017. According to Dalbar, an average investor who made buy/sell decisions in equities over the same period realized just \$280,377. That's \$121,317 less than the index return.



When investors react emotionally, they miss out on return opportunities as the market recovers. Staying invested for the long-term helps realize all potential growth.

Diversify Your Portfolio for a Smoother Ride

Different asset classes perform differently from year to year. A well diversified portfolio can give you exposure to top performing categories, while mitigating exposure to the worst performers.



Do you have the expertise to build a well diversified and balanced portfolio?

Source: Mackenzie Investments and Morningstar as at December 31, 2018.
 Canadian Bonds: FTSE TMX Canada Universe Bond Index; Canadian Large Cap: S&P/TSX Composite TR Index; Canadian Small Cap: BMO NB SMCap Blend Wgt'd Index; Emerging Markets: MSCI Emerging Markets Index (CAD); Foreign Equities: MSCI EAFE Index (CAD); Global Bonds: Citigroup World Government Bond Index (LCL); Global Equities: MSCI World Index (CAD); US Large Cap: S&P 500 Index (CAD); US Small Cap: Russell 2000 Index (CAD). Balanced Portfolio is equal weight of the indices above.

Our Changing World

What Can You Do to Ensure Investment Success?



Challenging Future Return Environment

Aging populations, fewer people working, lower productivity growth, higher government debt and overvalued bond and equity markets suggest a lower return market.

› Investors need a multi-asset solution to help improve returns.



Markets Can Be Unpredictable

Bouncing between large gains and losses creates problematic behaviour for most investors. For older investors, large losses can be devastating.

› Investors need better risk management.



Asset Complexity

Innovation has expanded the universe of products and asset classes for investors, but more options bring more complexity.

› Investors need more sophisticated portfolio construction.



Emerging Technology

Advances in data analytics and risk management help managers understand portfolios better. They also let them manage portfolios with more agility.

› Investors need the advantages of technology.

Achieving Diversification Using Managed Solutions

Managed Solutions are multi-asset portfolios that are comprised of carefully selected financial instruments (stocks, bonds, ETFs, currencies) and mutual funds, held individually or in pools to build a diversified portfolio. The portfolio management team determines the right asset allocation for each portfolio that aims to earn the greatest return based on each investor's risk tolerance.

- Diversifies across asset classes, geography, sectors, etc.
- Accesses investment managers around the world.
- Dynamically adjusts allocations to take advantage of broader global market trends and developments.
- Manages currency exposure.
- Uses an integrated total portfolio approach.

Sample Investment Universe

Canadian Stocks	Mortgage Backed Securities	Active Equity ETFs	Canadian Dollar	Bond Index Futures
High Yield Bonds	Bond Index ETFs	US Dollar	Smart Beta ETFs	Inflation-linked Bonds
Equity Index Futures	Emerging Market Stocks	Federal Bonds	Large Cap Stocks	Equity Index ETFs
Corporate Bonds	US Stocks	Value Stocks	UK Pound	Provincial Bonds
EAFE Stocks	Emerging Market Debt	Small Cap Stocks	Leveraged Loans	Japanese Yen
Active Bond ETFs	Global Sovereign Bonds	Euro	Mid Cap Stocks	Growth Stocks

The Symmetry Experience

Canada's pension plans are considered among the world's best managed investments. The Multi-Asset Strategies Team brings talent and some of the best practices of the pension world to the management of Symmetry Portfolios.



Alain Bergeron, M.Sc., CFA, CMT
Senior Vice President,
Portfolio Manager, Head of Team



Andrea Hallett, CFA
Vice President,
Portfolio Manager



Nelson Arruda, M.Sc., M.Fin., CFA
Vice President,
Portfolio Manager



Blair Ireland, MMath, CFA
Vice President,
Portfolio Manager*



Alex Bellefleur, M.Ec., CFA
Chief Economist and Strategist



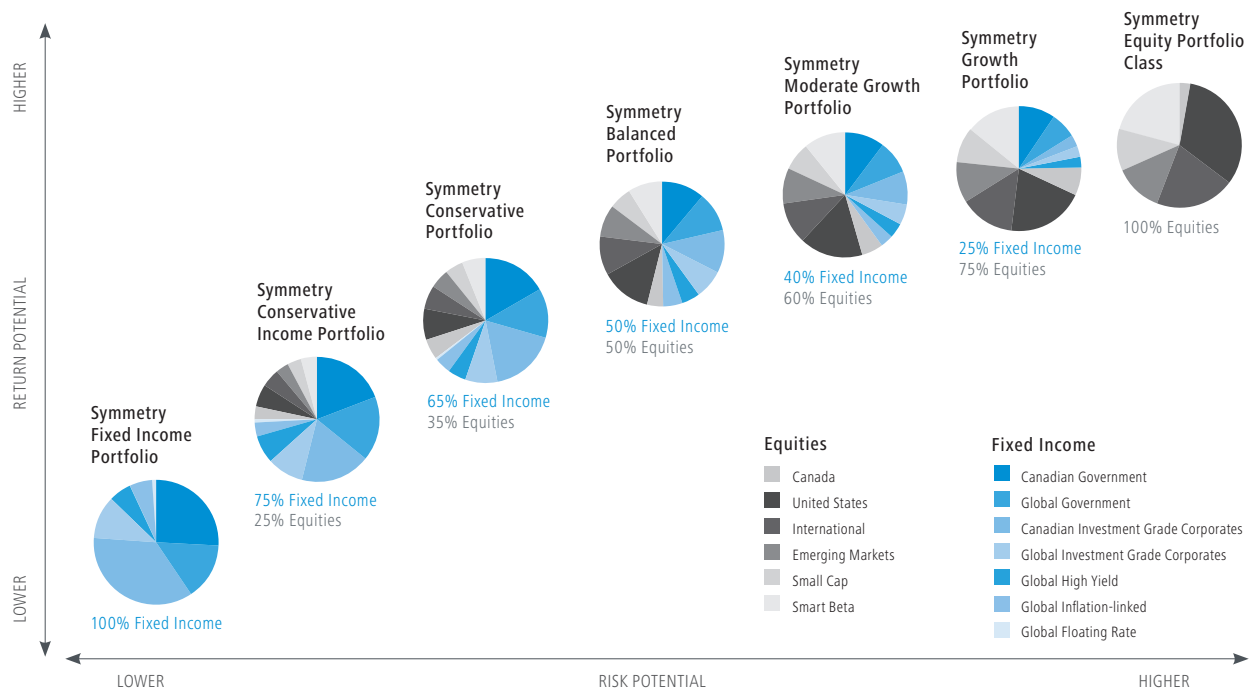
Michael Kapler, MMF, CFA
Associate Portfolio Manager

*Subject to regulatory approval.

Symmetry Portfolios – Diversification and Choice

Seven Risk Targeted Multi-Asset Managed Solutions

Each portfolio is based on a specific risk and return profile, ranging from a set of fixed income-focused solutions to a full equity solution.



For Illustrative Purposes Only.

These are the neutral allocations and the portfolios are managed within ranges as set out in the prospectus. The various geographic and other allocations will also vary.

What Symmetry Does For You

With Symmetry, the heavy lifting is done for you



Thinks

About how to build an integrated portfolio that seeks to **maximize returns based on your risk profile**



Sources

The best way to get exposure across asset classes, markets and countries to generate **optimal risk-adjusted returns**



Oversees

Investments, risk management and portfolio managers **on your behalf**



Actively Rebalances

By reducing or increasing allocations as required and managing any concentration risks **to maintain each portfolio's target risk level**



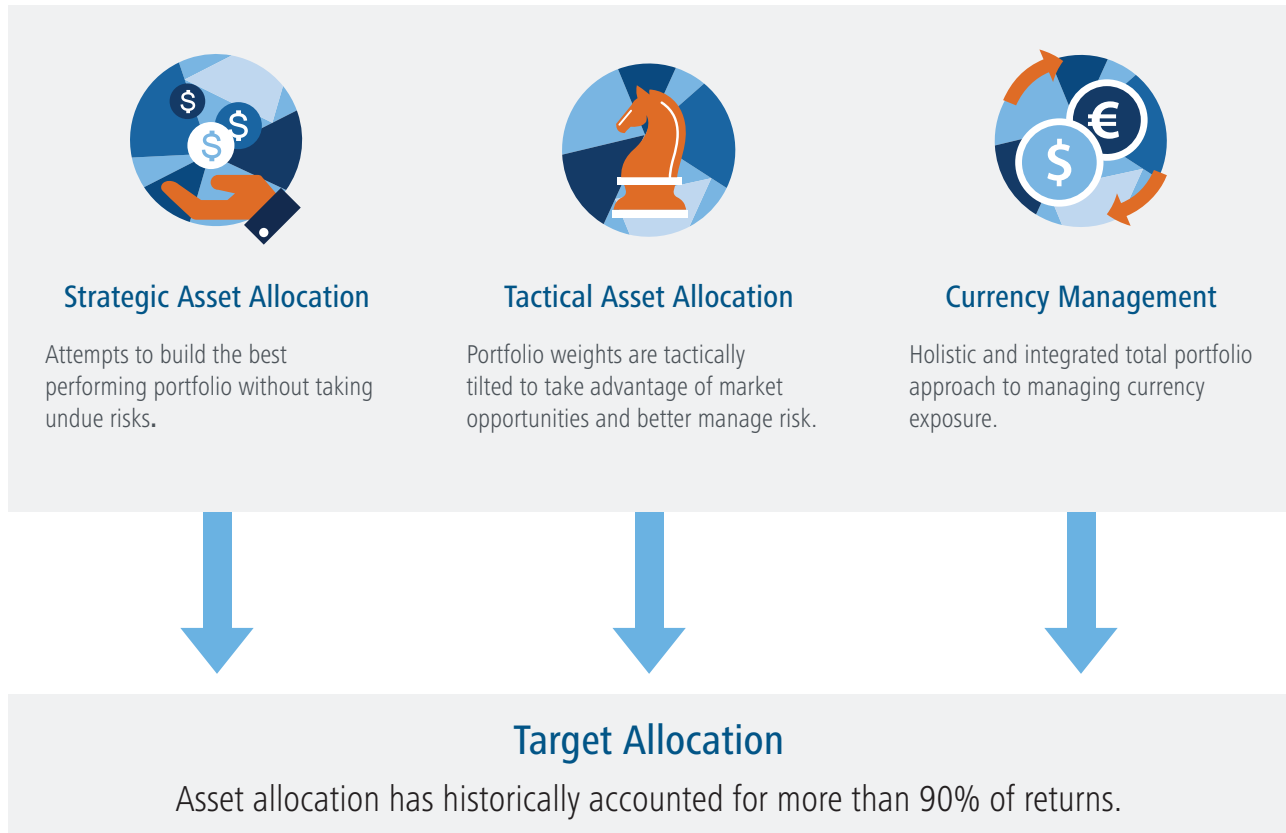
Reports

Monthly on the health of your portfolio to your advisor **to keep you updated**



Symmetry's Integrated Total Portfolio Approach

Uses Additional Levers to Add Value





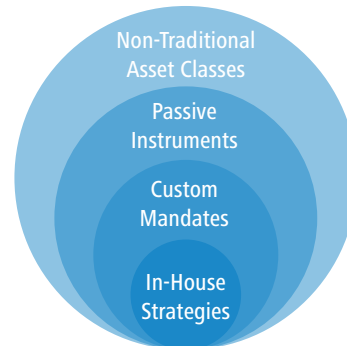
Symmetry Offers Enhanced Diversification

Complements Strong In-House Teams with Leading Managers From Around the Globe

Symmetry Portfolios

- Leverages the strengths and expertise of Mackenzie's 13 in-house boutiques
- Includes leading investment managers from around the globe

- Gains exposure to strategies not available in-house
- Includes custom mandates designed exclusively for Symmetry
- Utilizes passive instruments to improve portfolio efficiency
- Seeks enhancements available from non-traditional asset classes



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Even the Smartest Phone Diversifies

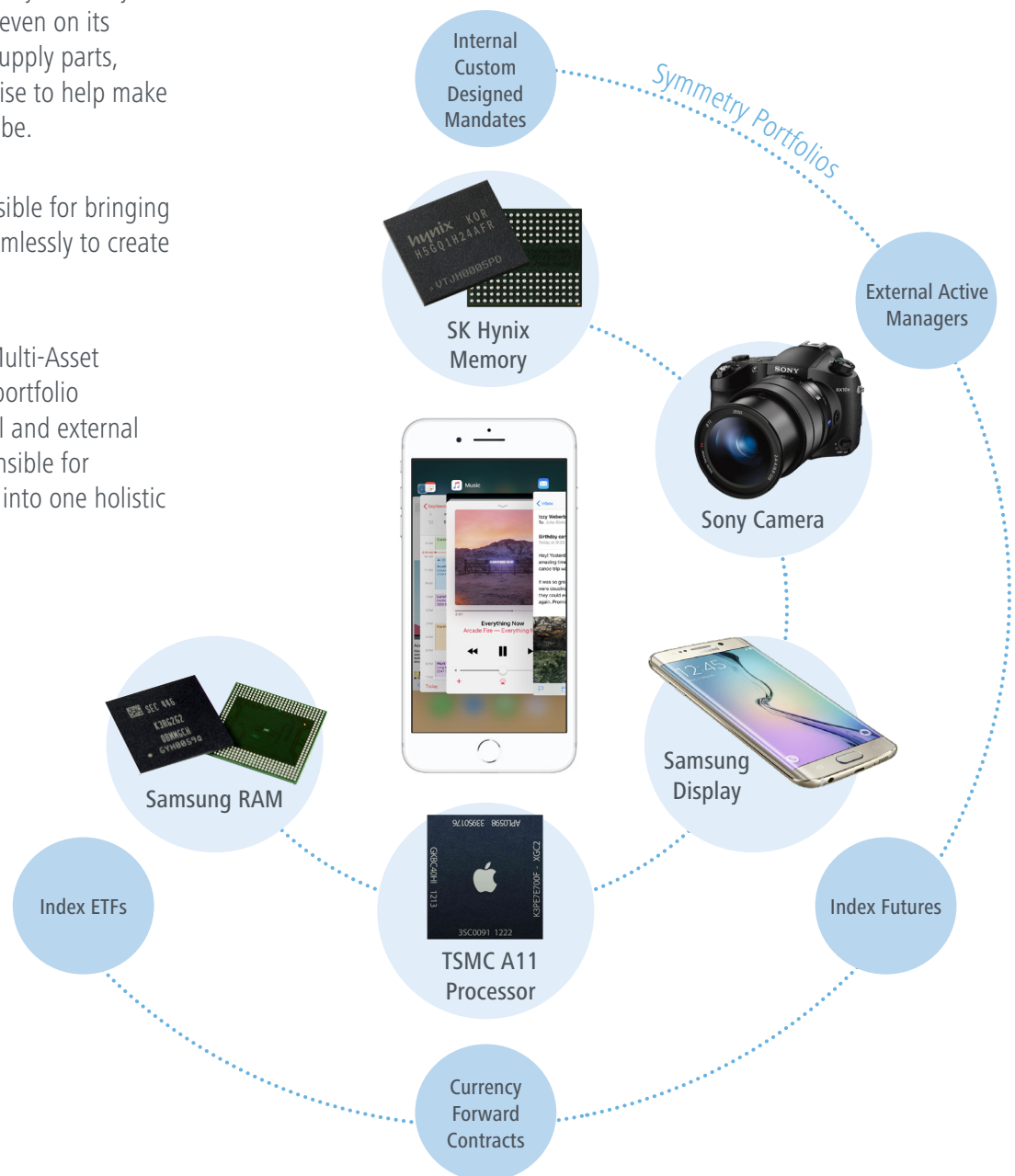
Like Symmetry, the iPhone 8 adopts a “hybrid” mentality. Apple designs and makes much of its hardware and software in house.

But Apple doesn't do it alone!

It diversifies by relying heavily on many different tech companies (even on its competitor, Samsung) to supply parts, utilizing each ones' expertise to help make the iPhone the best it can be.

Apple is ultimately responsible for bringing all the pieces together seamlessly to create the final user experience.

Like Apple, Mackenzie's Multi-Asset Strategies Team oversees portfolio construction using internal and external components, and is responsible for integrating them together into one holistic investment solution.





Emphasis on Risk Management

Symmetry Uses Risk Budgeting to Allocate Risks



Sample Household Budget \$2,900

Household Budgeting Manages Spending

Detailed Budget

Rent	\$1,500
Groceries	\$600
Insurance	\$300
Gas	\$200
Entertainment	\$300

Symmetry uses sophisticated risk budgeting to allocate risks and maximize expected returns. Knowing and controlling the details of risks in a portfolio allows for more effective risk management.



Tactical Asset Allocation Decision 1.12% Target Volatility

Risk Budgeting Manages Investment Risk

Detailed Risk Budget: Sources of Volatility

Stock Timing	0.42%
Bond Timing	0.15%
Relative Equity	0.35%
Currency	0.20%

Currency Risk Budget Informs Final Active Currency Weights

USD	3.9%
GBP	-2.6%
EUR	-1.8%
JPY	-0.2%





Utilizes Custom Built Proprietary Technology and Infrastructure

Fast, flexible and robust systems and tools allow the Multi-Asset Strategies Team to quickly identify and adjust to changing conditions.

Using our technology to act as a “radar” to efficiently detect potential risks and opportunities.



Symmetry Portfolios: Well-Poised in a Changing World



Challenging Future Return Environment

- Enhanced diversification using sophisticated asset allocation process
- Designed to maximize risk-adjusted returns
- In-house custom mandates complemented by a selection of leading managers around the globe



Markets Can Be Unpredictable

- Heavy emphasis on portfolio risk management using a budgeting strategy to efficiently allocate risk and avoid unintended concentration.



Asset Complexity

- Integrated total portfolio approach pulling additional levers to potentially add value.

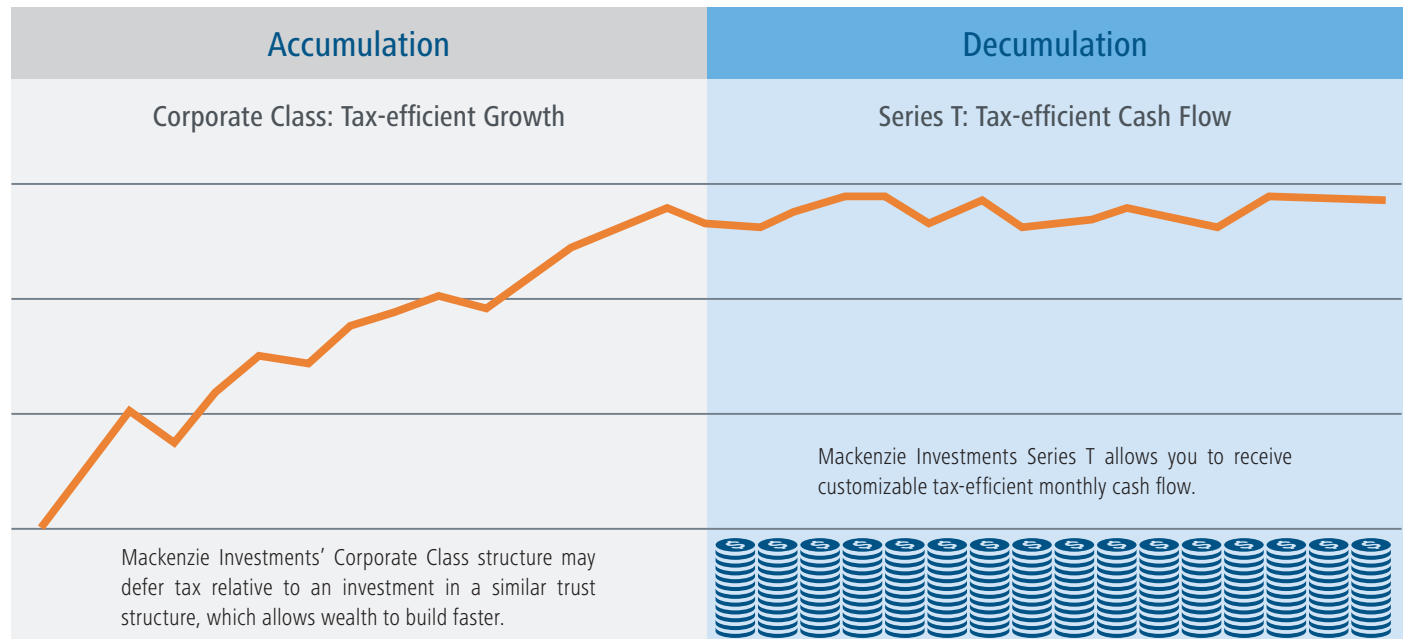


Emerging Technology

- Utilizes custom built proprietary technology and infrastructure.

Symmetry Provides Options for Tax Efficiency

Symmetry Portfolios are available in tax-efficient options for both accumulation and decumulation investment stages.



For Illustrative Purposes Only.

Backed by the Power of Mackenzie

- Proud history of serving investors **since 1967**
- Trusted advice champions with over \$906B (CAD) in assets*
- Independent **Canadian** asset manager
- History of **innovative investment solutions**
- Part of IGM Financial and the Power Financial Group of Companies



*As of December 31, 2018

“Symmetry Portfolios try to optimize risk-adjusted returns through asset and strategy diversification, careful manager selection and rigorous risk management. We continuously monitor Symmetry Portfolios to make sure your investment stays on track.”

Alain Bergeron, Head of Mackenzie Multi-Asset Strategies Team

Get Symmetry Portfolios working for you. Speak to your Financial Advisor or visit us at www.mackenzieinvestments.com for more information.

Commissions, trailing commissions, management fees and expenses all may be associated with mutual fund investments. Please read the prospectus of before investing. Mutual funds are not guaranteed, their values change frequently and past performance may not be repeated.

