
Quantitative Investment Decisions, LLC was founded with one objective in mind – to help investors grow assets while protecting them in the event of an extreme market downturn. Titans is our most aggressive U.S. equity strategy with a focus on a concentrated portfolio of industry leaders or their up and coming competitors. What differentiates QID is that we wrap every one of our Strategies with downside protection. While no investment model can predict the unexpected, QID's strategies help re- move emotional and irrational behavior from the investment decision process. QID strategies are built using 100% quantitative, proprietary algorithms that identify and react to changing market conditions. Our strategies tend to provide a more asymmetric risk profile with reduced left tail risk, a feature absent from buy and hold portfolios. QID provides investors the growth that they need with the downside protection that they desire.

U.S. Titans Strategy Features

- 100% quantitative process that focuses primarily on identifying industry leaders while protecting downside risk, especially in extremely weak markets
- Under extreme market conditions, the strategy can build and hold substantial cash positions to avoid losses
- Employs NO shorting, leverage, or exotic derivative investments
- The portfolio may have concentrations in not only stocks but also sectors.
- Each stock that is “on” is equal weighted, which differs from the industry norm of the market-cap methodology
- \$1,000,000 account minimum

Portfolio Expectations

The QID Titans Strategy is designed to maximize growth through investing in industry Titans while limiting losses during extended market downturns. The strategy endeavors to deliver attractive risk-adjusted returns through multiple investment markets. The strategy is concentrated by stock and sectors. Titans may use a defensive allocation to cash equivalents or U.S. Treasury instruments.

Stock Universe

The Stocks chosen are based upon a proprietary scoring system. The universe is the U.S stock market.

Ron Santangelo, CFA®

Chief Investment Officer
Portfolio Manager



Since the early 1990's, Mr. Santangelo has been an industry

leader in the development of advanced quantitative methods and enhanced returns-based style analysis. As the Manager of Managed Products Research, at Merrill Lynch, Mr. Santangelo assisted in the development of the SPDR® sector ETF's. His focus, throughout his career, has been on controlling downside risk and quantitative investment strategies.



Global Equity

4Q - 2018

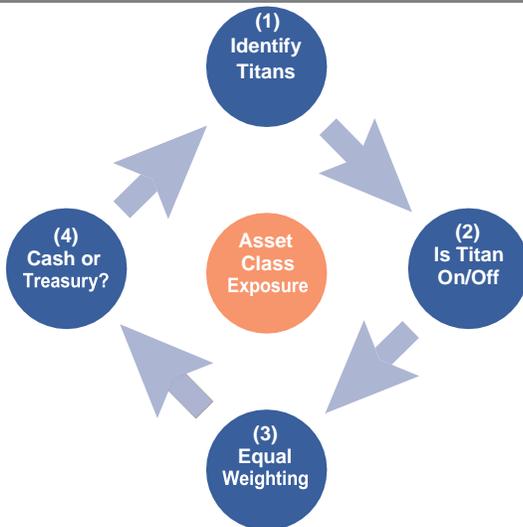
Investment Process

The QID Titans Strategy provides concentrated exposure to the U.S. equity market. The focus is on a limited number of companies that are industry leaders. The strategy may also select emerging challengers to the Titans.

QID's 100% quantitative process produces binary (on/off – own/don't own) signals for each Titan. The Titans that are "on" are equally weighted. An emerging contender to a Titan that is added will be allocated a portion of the Titans allocation up to half. The strategy will begin to build a defensive position, in 25% increments, when less than four Titans are "on". The strategy will go 100% defensive, and be invested only in cash equivalents or U.S. Treasury instruments, when all Titans are no longer owned.

The strategy is concentrated by not only limited number of stocks but may also be concentrated by industry sector as well.

Investment Process



Quantitative Investment Decisions employs a four-step quantitative process in building and managing its Titan strategies:

1. Identify Titans of Industry
2. Decide when to own or not own a specific Titan
3. Titans that are "On" are equally weighted. If a challenger is identified to a Titan, it may have a weight of up to half of that position.
4. When a defensive position is employed, determine which cash or U.S. Treasury instrument is appropriate.

Major Sector Breakdown

U.S. Equity Sector Strategy

Energy	Industrials
Financials/Real Estate	Materials
Healthcare	Technology
Consumer Staples	Utilities
Consumer Discretionary	

Source:

Performance Returns

Annualized Returns through 12/31/2018	Quantitative Investment Decisions U.S. Equity Sector Strategy		Index
	Gross	Net	
3 Months	-15.18%	-15.18%	-14.05%
6 Months	-10.43%	-10.43%	-10.18%
Year-to-Date	-14.81%	-14.81%	-9.52%
Trailing 1 Year	-14.81%	-14.81%	-9.52%
Trailing 2 Year	-2.92%	-2.92%	5.28%

Return/Risk Analysis

4/1/2017 to 12/31/2018	Quantitative Investment Decisions U.S. Equity Sector Strategy		Index
	Gross	Net	
Best Month	7.18%	7.18%	5.05%
Worst Month	-8.33%	-8.33%	-7.83%
% of Up Months	67.74%	67.74%	77.42%
% of Down Months	32.26%	32.26%	22.58%
Maximum Drawdown (%)	-20.52%	-20.52%	-14.05%

Quantitative Investment Decisions U.S. Equity Sector Strategy

	Quantitative Investment Decisions U.S. Equity Sector Strategy		Index
	Gross	Net	
2017	10.64%	10.64%	22.51%
2016	n/a	n/a	n/a
2015	n/a	n/a	n/a
2014	n/a	n/a	n/a

Comparative Return/Risk Analysis

4/01/2017 to 12/31/2018	Quantitative Investment Decisions U.S. Equity Sector Strategy Gross
Alpha	-6.70%
Beta	1.05%
Annualized Standard Deviation	11.66%
R-Squared	80.92%
Up Capture Ratio	73.23%
Down Capture Ratio	122.15%

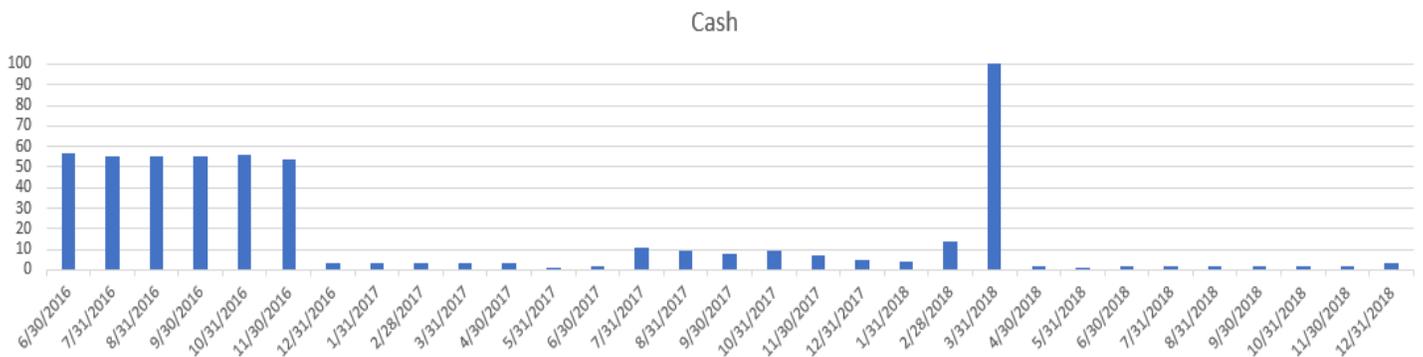
Source: QID

Portfolio inception date: 08/01/2015

All returns over 1 year are annualized.

Index: S&P500 TR; the returns for the index shown include dividend

Historic Cash Allocation



Data through December 31, 2017

Note: All data prior to August 1, 2015 is based upon backtested, hypothetical results. Please see disclosure on back page.

Source: QID

U.S. Equity Titans Allocation as of 12/31/2018

Consumer Staples	0.0%
Consumer Discretionary	35.87%
Financials-Insurance/Banks	0.0%
Technology-Internet/Semis	63.65%
Materials	0.0%
Industrials-Transportation	0.0%
Healthcare-Biotech/Health services	0.0%
Energy-Xplor and Prod	0.0%
REITS	0.0%
Utilities	0.0%
Cash Equivalent	0.48%

DISCLOSURES

Compliance Statement

Quantitative Investment Decisions (“QID” or the “Advisor”) claims compliance with the Global Investment Performance Standards (GIPS®). QID has been independently verified by ACA Compliance Group. From August 1, 2015, through December 31, 2016, the performance results shown in this fact sheet are that of a composite of client accounts according to the dictates of the Program.

A compliant presentation, including the performance data for the composite, may be obtained by contacting QID at 239.631.8912 or by emailing info@qidllc.com.

Firm Definition

Quantitative Investment Decisions is registered in the state of Florida as a registered investment advisor organized as a Limited Liability Company (“LLC”) under the laws of the State of Delaware, whose principal place of business is in Naples, FL. The U.S. Equity sector strategy algorithm was initially developed by QID’s founder, Ron Santangelo, in 2009.

On a quarterly basis, QID reviews a list of all accounts, under discretionary management by the firm, to ensure that only actual assets managed or sub-advised by QID are included in QID’s composite results. Accounts deemed to be non-discretionary, advisory only, hypothetical, or model in nature are excluded from the composite. Total firm assets comprise all discretionary accounts (whether fee-paying or not) for which QID has investment management responsibility, including assets managed by sub-advisors that QID has authority to select.

Composite Description and Benchmark

The U.S. Titan strategy is a long-term growth strategy that invests in companies that we deem to be the leaders in their industry. A proprietary quantitative model determines if each Titan identified is “on” or “off”. Titans that are on are equally weighted. If a small competitor is identified that could be a challenger to the specific Titan, a portion of that Titan may be invested in the emerging challenger. As less than four Titans are “on” the strategy will begin to turn defensive. A separate fixed-income algorithm determines whether the defensive money should be placed in a cash or treasury ETF. Charts included in this fact sheet show the total return of the composite, including reinvestment of all dividends. Returns are shown separately as gross (GR) and net (NR). Gross performance has been reduced by transaction costs. Net performance has been reduced by transaction and management fee. QID claims compliance with the Global Investment Performance Standards (GIPS®).

The benchmark for the U.S. Titan strategy is the S&P 500 TR index. The returns for the index shown include dividend reinvestment.

The strategy is constructed with U.S. listed and domiciled stocks. Cash alternative or fixed income defensive positions will use widely available ETFs.

There is no guarantee that the price and yield performance of the index can be fully matched.

Risks

No investment strategy or risk management technique can guarantee returns or eliminate risk in any given market environment. Neither asset allocation or diversification can guarantee a profit or protect against loss. Investment returns may fluctuate and are subject to market volatility, so that an investor’s shares, when redeemed or sold, may be worth less than their original cost. QID’s actively managed strategies may underperform their benchmark. The investment strategy presented is not appropriate for every investor and individual clients should review the terms, conditions, and risk involved with specific products or services. Individual client accounts may have experienced investment results during the corresponding time periods that were materially different from those of the composite returns. The U.S. Dollar is the currency used to express performance.

The Titans strategy is highly concentrated by stock and industry exposure. The lack of potential diversification may present a much higher degree of additional risk.

Potential investors should consult with their financial advisor before investing in any investment product. Investment in equity strategies involves substantial risk and has the potential for partial or complete loss of funds invest

