



# Artisan Global Discovery Strategy

## QUARTERLY Fact Sheet

As of 31 December 2018

For Institutional Investors Only — Not for Onward Distribution

### Investment Process Highlights

The investment team seeks to invest in companies with franchise characteristics that are benefiting from an accelerating profit cycle and are trading at a discount to private market value.

#### Security Selection

- Identify companies with franchise characteristics and defensible competitive positions
- Invest in emerging profit cycles
- Purchase stocks at a discount to private market value

#### Capital Allocation—Garden, Crop, Harvest® Investing

- Build position size according to conviction
- Garden<sup>SM</sup>—Smaller position sizes in companies that are early on in the profit cycle
- Crop<sup>SM</sup>—Larger position sizes in companies where profit cycle is being realized
- Harvest<sup>SM</sup>—Reduced or sold positions as stock approaches full valuation or profit cycle begins to decelerate

#### Broad Knowledge

- Invest opportunistically across entire global economy
- Find growth wherever growth occurs

### Sector Diversification (% of total portfolio equities)

	Strategy	ACWI <sup>1</sup>	Index
Communication Services	8.1	8.7	
Consumer Discretionary	11.8	10.7	
Consumer Staples	3.2	8.4	
Energy	1.4	6.2	
Financials	13.9	17.2	
Health Care	16.2	12.1	
Industrials	20.9	10.3	
Information Technology	24.6	14.8	
Materials	0.0	5.0	
Real Estate	0.0	3.2	
Utilities	0.0	3.4	
<b>TOTAL</b>	<b>100.0%</b>	<b>100.0%</b>	

Source: Artisan Partners/FactSet (GICS)/MSCI. Cash and cash equivalents represented 5.9% of the total portfolio. <sup>1</sup>MSCI All Country World Index.

### Investment Results (%)

As of 31 December 2018	Average Annual Total Returns						
	QTD	YTD	1 Yr	3 Yr	5 Yr	10 Yr	Inception
<b>Composite — Gross</b>	<b>-16.15</b>	<b>-1.93</b>	<b>-1.93</b>	—	—	—	<b>2.94</b>
<b>Composite — Net</b>	<b>-16.37</b>	<b>-2.89</b>	<b>-2.89</b>	—	—	—	<b>1.94</b>
MSCI All Country World Index	-12.75	-9.41	-9.41	—	—	—	-1.78

### Annual Returns (%) 12 months ended 31 December

	2014	2015	2016	2017	2018
<b>Composite — Gross</b>	—	—	—	—	<b>-1.93</b>

### Calendar Year Returns (%)

	2018
<b>Composite — Gross</b>	<b>-1.93</b>
<b>Composite — Net</b>	<b>-2.89</b>
MSCI All Country World Index	-9.41

Source: Artisan Partners/MSCI. Returns for periods less than one year are not annualized.

Past performance does not guarantee and is not a reliable indicator of future results. Current performance may be lower or higher than the performance shown. Composite performance has been presented in both gross and net of investment management fees. The Strategy's investments in initial public offerings (IPOs) made a material contribution to performance. IPO investments may contribute significantly to a small portfolio's return, an effect that will generally decrease as assets grow. IPO investments may be unavailable in the future.

**Investment Risks:** Investments will rise and fall with market fluctuations and investor capital is at risk. Investors investing in strategies denominated in non-local currency should be aware of the risk of currency exchange fluctuations that may cause a loss of principal. These risks, among others, are further described on the next page, which should be read in conjunction with this material.

### Portfolio Details

Inception	1 September 2017
Total AUM (Millions)	\$112

### Portfolio Statistics

	Strategy	ACWI <sup>1</sup>
Median Market Cap (Billions)	\$7.5	\$8.9
Weighted Avg. Market Cap (Billions)	\$15.9	\$131.6
Weighted Harmonic Avg. P/E (FY1)	21.6X	13.9X
Weighted Harmonic Avg. P/E (FY2)	19.3X	12.9X
Weighted Avg. LT EPS Growth Rate (3-5 Yr)	21.2%	13.2%
Weighted Avg. LT Debt/Capital	29.0%	37.8%
Active Share	98.7%	—
Portfolio Turnover Rate <sup>2</sup>	42.4%	—
Number of Securities	55	2,758
Number of Countries	14	47

Source: Artisan Partners/FactSet (MSCI). <sup>1</sup>MSCI All Country World Index. <sup>2</sup>For the 12 months ended 31 Dec 2018.

### Top 10 Holdings (% of total portfolio)

Teledyne Technologies Inc (United States)	5.5
Global Payments Inc (United States)	4.7
Boston Scientific Corp (United States)	3.6
Techtronic Industries Co Ltd (Hong Kong)	3.4
Guidewire Software Inc (United States)	3.1
IMCD NV (Netherlands)	3.0
IHS Markit Ltd (United States)	3.0
Webster Financial Corp (United States)	2.9
First Republic Bank (United States)	2.8
The Progressive Corp (United States)	2.8
<b>TOTAL</b>	<b>34.9%</b>

Source: Artisan Partners/FactSet (MSCI).

# Artisan Global Discovery Strategy

## Team Leadership

Portfolio Managers	Years of Investment Experience
Jason L. White, CFA (Lead)	19
James D. Hamel, CFA	22
Matthew H. Kamm, CFA	19
Craig A. Cepukenas, CFA	30

## Region/Country Allocation (% of total portfolio equities)

REGION	Strategy	ACWI <sup>1</sup>
<b>AMERICAS</b>	<b>63.5</b>	<b>57.4</b>
United States	62.1	54.4
Canada	1.4	2.9
<b>EUROPE</b>	<b>23.6</b>	<b>19.2</b>
Netherlands	6.6	1.1
United Kingdom	5.3	5.2
Germany	3.7	2.7
France	3.6	3.4
Denmark	2.1	0.5
Spain	1.8	1.0
Switzerland	0.5	2.7
<b>PACIFIC BASIN</b>	<b>7.5</b>	<b>11.4</b>
Hong Kong	3.7	1.2
Australia	2.0	2.1
Japan	1.8	7.6
<b>EMERGING MARKETS</b>	<b>5.5</b>	<b>11.9</b>
India	3.2	1.1
Brazil	2.3	0.9
<b>MIDDLE EAST</b>	<b>—</b>	<b>0.2</b>
<b>TOTAL</b>	<b>100.0%</b>	<b>100.0%</b>

Source: Artisan Partners/FactSet (MSCI). <sup>1</sup>MSCI All Country World Index. Countries held in the index, but not held in the portfolio, are not listed.

## Portfolio Construction

- Typically 40-60 holdings
- Maximum position size up to 10%<sup>1,2</sup>
- Maximum of 35% in any country other than the US<sup>1</sup>
- Market capitalization of US companies above \$1 billion<sup>1</sup>
- No market capitalization limit for non-US companies
- Typically less than 15% cash

Based on a model portfolio. <sup>1</sup>Limitations apply at the time of purchase. <sup>2</sup>With respect to 75% of total assets, the portfolio limits individual position sizes to 5%; as to the other 25%, the portfolio may invest up to 10% in a single issuer.

**Investment Risks:** International investments involve special risks, including currency fluctuation, lower liquidity, different accounting methods and economic and political systems, and higher transaction costs. These risks typically are greater in emerging markets. Securities of small- and medium-sized companies tend to have a shorter history of operations, be more volatile and less liquid and may have underperformed securities of large companies during some periods. Growth securities may underperform other asset types during a given period. These risks, among others, are further described in Artisan Partners Form ADV, which is available upon request.

Unless otherwise indicated, the Artisan Strategy characteristics relate to that of an investment composite or a representative account managed within a composite. It is intended to provide a general illustration of the investment strategy and considerations used by Artisan Partners in managing that strategy. Individual accounts may differ, at times significantly, from the reference data shown due to varying account restrictions, fees and expenses, and since-inception time periods, among others. Where applicable, this information is supplemental to, and not to be construed with, a current or prospective client's investment account information.

Securities of the same issuer are aggregated to determine a holding's weight in the portfolio. Securities referenced may not represent all of the securities in the portfolio. If certain information is unavailable for a particular security Artisan Partners may use data from a related security to calculate portfolio characteristics. All information in this report is as of the date shown in the upper right hand corner unless otherwise indicated and is subject to change without notice. Totals may not sum due to rounding.

Net-of-fees composite returns were calculated using the highest model investment advisory fees applicable to portfolios within the composite. Fees may be higher for certain pooled vehicles and the composite may include accounts with performance-based fees. All performance results are net of commissions and transaction costs, and have been presented gross and net of investment advisory fees. Dividend income is recorded net of foreign withholding taxes on ex-dividend date or as soon after the ex-dividend date as the information becomes available to Artisan Partners. Interest income is recorded on the accrual basis. Performance results for the Index include reinvested dividends and are presented net of foreign withholding taxes but, unlike the portfolio's returns, do not reflect the payment of sales commissions or other expenses incurred in the purchase or sale of the securities included in the indices.

MSCI All Country World Index measures the performance of developed and emerging markets. The index(es) are unmanaged; include net reinvested dividends; do not reflect fees or expenses; and are not available for direct investment.

Country exposure percentages reflect country designations as classified by MSCI as of the date shown. Securities not classified by MSCI reflect country designations as of the date the report was generated. Sector exposure percentages reflect sector designations as currently classified by GICS.

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**Market Cap** is the aggregate value of all of a company's outstanding equity securities. **Price-to-Earnings Ratio (P/E Ratio)** measures how expensive a stock is. Earnings figures used for FY1 and FY2 are estimates for the current and next unreported fiscal years. **LT EPS Growth Rate** is the average of the 3-5 year forecasted EPS growth rate of a company. **LT Debt/Capital** is the long-term debt to total capital relationship of each company within the portfolio. **Active Share** is defined as the percentage of a portfolio that differs from its benchmark index. Active Share can range from 0% for an index fund that perfectly mirrors its benchmark to 100% for a portfolio with no overlap with an index. **Portfolio Turnover** is a measure of the trading activity in an investment portfolio — how often securities are bought and sold by a portfolio.

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