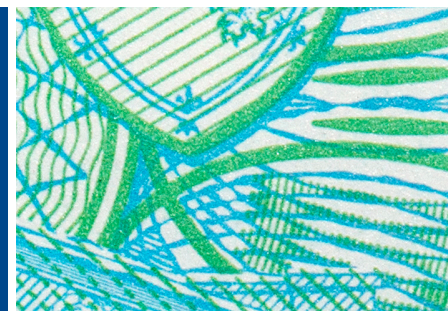


# Intelligent Multi-Strategy Currency Factor



As an independent currency specialist, Mesirow Currency Management has been delivering innovative, customized currency solutions to institutional clients globally since 1990.<sup>1</sup> Being a private, employee owned firm, Mesirow is free from many conflicts of interest associated with bank-affiliated organizations or publicly held firms and is fully aligned with the interests of its clients.

## BENEFITS

- Based on well established economic theories for trading currencies
- Systematic in nature
- Transparent and easy to understand

## BACKGROUND

- Strategy commenced trading January 2000
- Aims to improve risk-adjusted returns vs simple currency factors

## INVESTMENT APPROACH

- Applies a risk filter and adjusts trade sizes in periods of risk aversion for Carry
- Links the magnitude of the trade signal's information co-efficient to the size of trade weight

## INTELLIGENT MULTI-STRATEGY CURRENCY FACTOR

<b>Description</b>	Currency factor returns
<b>Investment style</b>	Multi-strategy, Systematic, Monthly trading
<b>Region</b>	G10
<b>Instruments</b>	FX forwards
<b>Structural details</b>	
<b>Vehicles offered</b>	Managed accounts
<b>Liquidity</b>	Daily
<b>Investment manager</b>	Mesirow Currency Management
<b>Regulators</b>	FCA (UK) / SEC (US) / CFTC (US) / SFC (HK)

**\$162B** currency assets<sup>2</sup>

**30+** currency professionals

**15+** portfolio management average years' experience

**20+** trading average years' experience

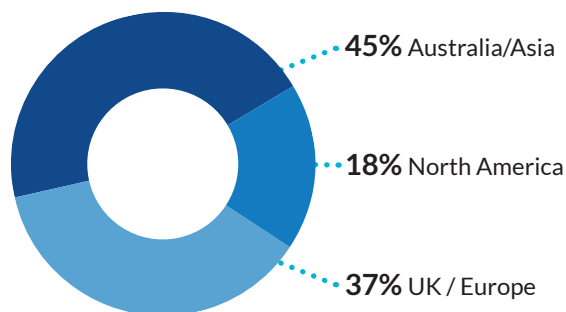
**4** global office locations

**24 hours** trading capabilities

**\$799B** annual trading volume<sup>2</sup>

**20+** panel of bank counterparties

## GLOBAL INSTITUTIONAL CLIENT BASE<sup>2</sup>



Source: MCM and Bloomberg. Mesirow Intelligent Currency Factors returns are generated with the benefit of hindsight. Performance prior to December 2020 for the Mesirow Intelligent Currency Factors represents hypothetical trading using backfilled data and does not represent trading of an actual client account. Past performance is not necessarily indicative of future results. Actual results may materially differ from those shown throughout this presentation. Please refer to the disclaimer page at the end of this paper for important additional information. Reports for the Multi-Strat Currency Factor strategy published prior to April 1, 2024 included net performance returns calculated using implied management fees of 0.5% per annum. This fee level no longer accurately reflects a prospect's actual potential fee schedule. Net returns shown herein for the Multi-Strat Currency Factor strategy have been calculated using an implied fee of 0.2% per annum and this revised fee schedule has been applied to historical and future net returns on April 1, 2024. | The information contained herein is intended for institutional clients, Qualified Eligible Persons, Eligible Contract Participants, or the equivalent classification in the recipient's jurisdiction, and is for informational purposes only. Nothing contained herein constitutes an offer to sell an interest in any Mesirow investment vehicle. It should not be assumed that any trading strategy incorporated herein will be profitable or will equal past performance. Please see the disclaimer at the end of the materials for important additional information.

## MONTHLY PERFORMANCE DATA

(Hypothetical returns, January 2000 – November 2020 | Live returns, December 2020 – March 2024)

	MTD	QTD	YTD	1-Year*	3-Year (pa)*	5-Year (pa)*	Since January 2000 (pa)*
Gross of fees	0.70%	1.34%	1.34%	-0.49%	0.24%	0.90%	3.45%
Net of fees	0.68%	1.29%	1.29%	-0.69%	0.04%	0.69%	3.24%

\*Annualized numbers

## SUMMARY STATISTICS

(Hypothetical returns, January 2000 – November 2020 | Live returns, December 2020 – March 2024)

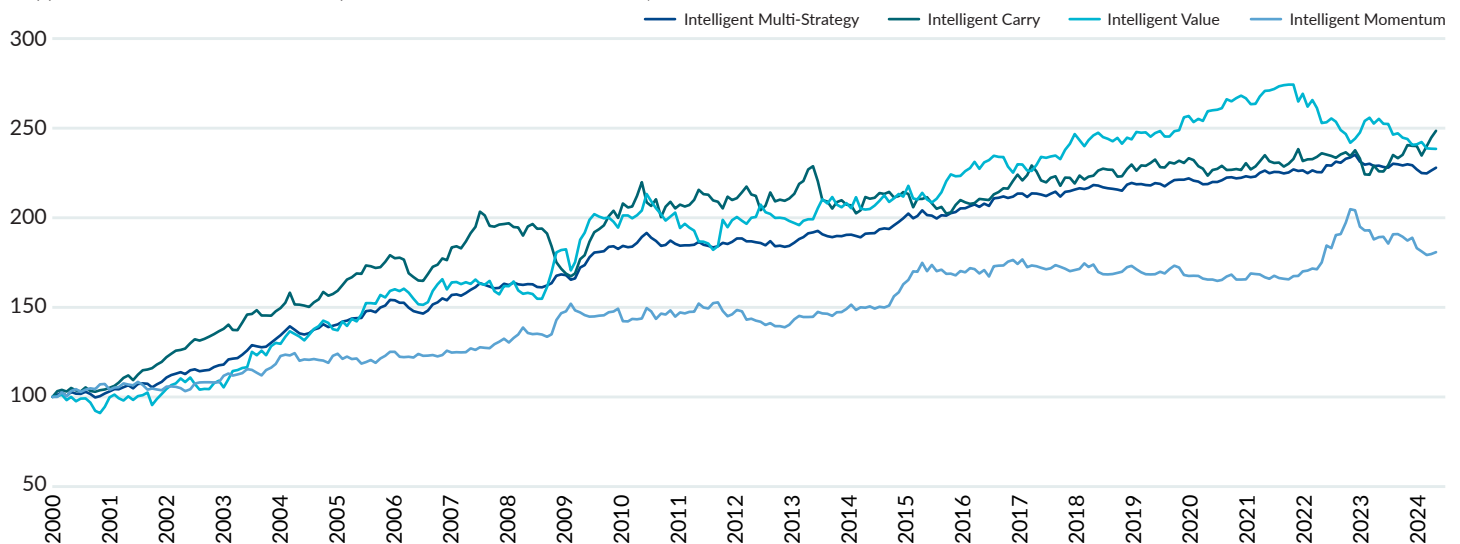
	Gross	Net
Annualized return	3.45%	3.24%
Annualized risk	3.21%	3.21%
Return/Risk	1.08	1.01
Maximum drawdown	-4.90%	-5.01%
% Months positive	60%	60%
12m rolling return	-0.49%	-0.69%
6m rolling return	-0.81%	-0.91%
3m rolling return	1.34%	1.29%

## CORRELATION

	Equities (MSCI World)	Bonds (Barclays Global Agg.)	Commodities (Thomson Reuters CRB Commodity Index)
Intelligent Multi-Strategy	0.01	-0.15	-0.07
<b>Sub-factors</b>			
Intelligent Carry	0.35	-0.01	0.29
Intelligent Value	-0.12	-0.16	-0.25
Intelligent Momentum	-0.21	-0.05	-0.12

## NET ASSET VALUE: GROSS PERFORMANCE OF THE INTELLIGENT MULTI-STRATEGY CURRENCY FACTOR AND THE SUB-COMPONENTS

(Hypothetical returns, January 2000 – November 2020 | Live returns, December 2020 – March 2024)



## About Mesirow

Mesirow is an independent, employee-owned financial services firm founded in 1937. Headquartered in Chicago, with locations around the world, we serve clients through a personal, custom approach to reaching financial goals and acting as a force for social good. With capabilities spanning Global Investment Management, Capital Markets & Investment Banking, and Advisory Services, we invest in what matters: our clients, our communities and our culture.

To learn more visit [mesirow.com](https://www.mesirow.com).

If you have any questions or comments, please contact Joe Hoffman, CEO, Currency Management. 312.595.7019

[joseph.hoffman@mesirow.com](mailto:joseph.hoffman@mesirow.com)

Source: MCM and Bloomberg. Mesirow Intelligent Currency Factors returns are generated with the benefit of hindsight. Performance prior to December 2020 for the Mesirow Intelligent Currency Factors represents hypothetical trading using backfilled data and does not represent trading of an actual client account. Past performance is not necessarily indicative of future results. Actual results may materially differ from those shown throughout this presentation. Please refer to the disclaimer page at the end of this paper for important additional information. Reports for the Multi-Strat Currency Factor strategy published prior to April 1, 2024 included net performance returns calculated using implied management fees of 0.5% per annum. This fee level no longer accurately reflects a prospect's actual potential fee schedule. Net returns shown herein for the Multi-Strat Currency Factor strategy have been calculated using an implied fee of 0.2% per annum and this revised fee schedule has been applied to historical and future net returns on April 1, 2024.

## INTELLIGENT MULTI-STRATEGY CURRENCY FACTOR: MONTHLY PERFORMANCE DATA

(Hypothetical returns, January 2000 – November 2020 | Live returns, December 2020 – March 2024)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
<b>Gross performance ()</b>													
2000	1.13	1.41	-2.04	2.25	-0.91	-0.17	1.14	-1.16	-1.86	0.72	1.43	1.22	3.08
2001	1.18	-0.05	1.13	1.01	-1.62	2.29	0.36	-0.23	-1.87	1.62	1.23	2.31	7.50
2002	1.22	0.66	0.75	-0.94	1.90	0.47	-0.95	0.42	0.25	1.39	0.83	0.36	6.51
2003	2.42	0.28	0.29	1.61	1.83	2.38	-0.47	-0.44	0.21	1.79	1.57	1.55	13.76
2004	1.87	1.85	-1.40	-1.49	-0.43	0.53	1.52	0.61	1.51	-1.10	0.48	0.56	4.52
2005	1.10	0.38	0.80	0.20	0.08	2.61	0.22	-0.67	1.82	0.69	2.10	-0.14	9.54
2006	-0.90	0.03	-1.83	-1.28	-0.46	-0.43	1.14	2.25	0.78	1.48	-0.69	1.90	1.93
2007	0.21	-0.47	0.95	1.17	0.90	1.38	-0.54	-0.58	-0.64	0.17	1.47	-0.47	3.55
2008	0.84	-0.57	-0.23	0.26	-0.03	-0.96	-0.09	0.62	0.81	2.53	0.43	-0.24	3.39
2009	-1.49	0.40	3.68	0.81	2.46	1.50	0.16	0.27	1.32	0.19	-0.83	0.94	9.72
2010	-0.38	0.14	1.19	1.74	1.16	-1.36	-0.98	-1.43	0.28	1.33	-0.99	-0.55	0.07
2011	0.12	-0.03	0.18	0.87	-0.87	-0.35	-0.46	0.34	1.03	-0.32	0.61	1.06	2.19
2012	-0.01	-0.83	0.00	-0.30	-0.23	-0.71	1.29	-1.54	0.17	-0.32	0.30	0.95	-1.26
2013	1.09	0.54	1.12	0.28	0.43	-0.98	-0.52	-0.32	0.37	-0.06	0.39	0.03	2.37
2014	-0.36	-0.40	1.07	0.09	0.10	1.09	0.30	-0.16	1.00	1.00	1.03	1.30	6.19
2015	-1.30	0.63	1.57	-1.30	-0.11	-0.83	0.90	-0.09	0.71	0.31	0.99	0.04	1.46
2016	0.57	0.48	-0.66	0.84	-0.58	2.01	0.17	0.33	-0.38	0.35	0.79	0.00	3.97
2017	-0.87	0.96	-0.08	-0.26	-0.39	0.59	0.55	-1.26	1.23	0.20	0.40	0.34	1.40
2018	-0.19	0.32	0.70	-0.16	-0.42	-0.21	-0.17	-0.18	-0.30	1.58	0.40	-0.32	1.04
2019	0.03	-0.20	-0.14	0.58	-0.17	-0.63	0.89	0.69	0.09	0.00	0.37	-0.58	0.93
2020	-0.26	-0.65	0.03	0.54	0.00	0.45	0.68	0.08	-0.27	0.12	0.39	-0.26	0.85
2021	0.20	0.89	0.57	-0.62	0.32	-0.06	-0.31	0.20	0.76	-0.33	0.11	-0.68	1.04
2022	0.70	-0.45	-0.06	1.75	-0.07	0.94	-0.24	0.98	0.31	0.68	-1.68	-0.73	2.10
2023	0.22	-0.57	0.12	-0.34	-0.17	0.98	-0.13	-0.31	0.29	-0.24	-1.00	-0.89	-2.04
2024	-0.10	0.74	0.70										1.34
<b>Net performance ()</b>													
2000	1.11	1.39	-2.05	2.24	-0.92	-0.18	1.12	-1.18	-1.88	0.70	1.41	1.20	2.88
2001	1.16	-0.07	1.11	0.99	-1.64	2.27	0.34	-0.25	-1.89	1.61	1.21	2.30	7.29
2002	1.21	0.65	0.73	-0.96	1.88	0.45	-0.97	0.40	0.23	1.37	0.82	0.35	6.30
2003	2.40	0.27	0.27	1.59	1.82	2.36	-0.48	-0.45	0.19	1.77	1.55	1.53	13.53
2004	1.85	1.83	-1.42	-1.51	-0.45	0.52	1.51	0.60	1.49	-1.12	0.47	0.54	4.31
2005	1.08	0.36	0.79	0.18	0.07	2.60	0.20	-0.69	1.81	0.68	2.09	-0.15	9.32
2006	-0.91	0.01	-1.84	-1.30	-0.47	-0.45	1.12	2.23	0.77	1.47	-0.70	1.88	1.73
2007	0.19	-0.49	0.93	1.15	0.88	1.37	-0.56	-0.60	-0.66	0.15	1.45	-0.49	3.34
2008	0.83	-0.58	-0.25	0.24	-0.04	-0.98	-0.10	0.60	0.80	2.52	0.41	-0.25	3.18
2009	-1.50	0.39	3.66	0.79	2.44	1.48	0.14	0.26	1.31	0.17	-0.85	0.92	9.50
2010	-0.40	0.12	1.17	1.73	1.14	-1.37	-1.00	-1.45	0.26	1.32	-1.01	-0.57	-0.13
2011	0.11	-0.05	0.16	0.85	-0.89	-0.36	-0.47	0.33	1.02	-0.33	0.59	1.04	1.99
2012	-0.03	-0.85	-0.01	-0.32	-0.25	-0.73	1.27	-1.56	0.15	-0.34	0.28	0.93	-1.45
2013	1.08	0.52	1.10	0.27	0.42	-1.00	-0.54	-0.34	0.35	-0.07	0.37	0.01	2.17
2014	-0.38	-0.42	1.05	0.07	0.08	1.07	0.28	-0.18	0.99	0.98	1.02	1.28	5.98
2015	-1.32	0.61	1.55	-1.32	-0.13	-0.85	0.89	-0.11	0.69	0.29	0.97	0.02	1.26
2016	0.56	0.46	-0.68	0.83	-0.59	2.00	0.15	0.31	-0.40	0.33	0.78	-0.02	3.76
2017	-0.89	0.95	-0.10	-0.27	-0.40	0.58	0.53	-1.27	1.21	0.18	0.38	0.32	1.19
2018	-0.21	0.30	0.69	-0.17	-0.44	-0.23	-0.18	-0.20	-0.32	1.57	0.38	-0.34	0.83
2019	0.01	-0.21	-0.15	0.57	-0.18	-0.65	0.87	0.68	0.07	-0.02	0.35	-0.60	0.72
2020	-0.27	-0.67	0.02	0.52	-0.02	0.43	0.66	0.06	-0.29	0.10	0.37	-0.27	0.65
2021	0.18	0.87	0.55	-0.64	0.30	-0.07	-0.33	0.18	0.74	-0.35	0.10	-0.69	0.84
2022	0.68	-0.46	-0.07	1.73	-0.09	0.92	-0.26	0.96	0.29	0.66	-1.69	-0.75	1.90
2023	0.21	-0.59	0.10	-0.36	-0.18	0.97	-0.15	-0.32	0.27	-0.25	-1.02	-0.91	-2.23
2024	-0.12	0.72	0.68										1.29

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1. Track record for Currency Risk Management Overlay strategies prior to May 2004, the date that the Currency Risk Management team joined Mesirow, occurred at prior firms. Track record for Currency Alpha and Macro strategies prior to October 1, 2018, the date that the Currency Alpha and Macro Strategies team joined Mesirow, occurred at prior firms.

2. As of 3.31.2024, Currency assets under management includes AUM associated with (i) active and passive currency risk management products \$160.32 billion, (ii) non-fx overlay strategies such as equitization and beta overlays \$785.90 million, and (iii) alpha strategies \$1.86 billion. In all such cases, AUM is calculated based on notional value of currency investments. Additionally, AUM for alpha strategies is adjusted because clients can select a volatility target (generally between 2% and 12% annualized), which is normalized to 2% in order to create a consistent depiction of alpha strategy AUM. This results in a "scaled" AUM, which is higher than the actual aggregate notional value of all alpha strategy portfolios if clients have selected a volatility target higher than 2%. As of 3.31.2024, the "unscaled" AUM for alpha strategies was \$448.81 million.

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