

ALGORITHMIC TRADING PORTFOLIO is an open-ended hedge fund with intraday trading frequency and high liquidity. The fund's objectives are to provide absolute returns with a moderate risk-return profile and low correlation to equity markets and other investments and asset classes. The fund seeks to achieve its objectives through the implementation of a portfolio of systematic trading models. The multi asset strategy trades ~42 global equity, metals, bonds, agriculture, energy and currency markets, using regulated, liquid and exchange traded financial instruments - futures. Long and short positions can be held seeking to profit from identified short, medium mean reversion seasonality and trend flowing patterns. Portfolio of ~350 independent automated trading systems aims to provide profit every month. Our strict risk management are based on a clearly defined set of rules, adjusting the portfolio dynamically to changing market conditions. Please visit <a href="https://www.orionam.lt/en/fondas/algorithmic-trading-portfolio">https://www.orionam.lt/en/fondas/algorithmic-trading-portfolio and http://www.algo.lt/en for more details.</a>

M SUBFUND STATISTICS AFTER FEES (SINCE 2013	٥١
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This month's result	-0.21%
Returns since Fund launch (2013)	31.93%
Last 12 months return	-6.78%
Positive months	67.92%
Max drawdown from peak	-12.14%
Annual volatility	6.91%
Sharpe	0.46
Number of traded futures	25
Number of algorithms during this month	60
Number of trades during this month	271
TRADING STATISTICS AFTER FEES (SINCE 2008)	
Returns since model live trading (2008)	197.65%
Positive months	68.67%

# UNIT VALUE 160 Algorithmic Trading Portfolio M subfund USD Managed Account Before Fund Inception SG CTA index Dow Jones Industrial Avg. Gold 60 40 20

2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

MANAGER MONTHLY REPORT

# M SUBFUND FACTS

Max drawdown from peak

Annual volatility

Sharpe

Strategy

Name	Algorithmic Trading Portfolio subfund M
Liquidity	Monthly
Lock-up period	None
Recommended investmen	t term 6+ months
Average margin to equity	6.29%
Fund size	\$1.8 MM
Fund unit price (Class A), U	JSD 131.9298
Fund unit price (Class B), E	UR 131.9299
Fund currency	USD, EUR
ISIN code	LTIF00000559
Domicile	Lithuania
Туре	Open ended IISKIS
High watermark	Yes
Management company	Orion Asset Management
Fund Administrator	Orion Securities
Depository	AB SEB bank
Regulator	Bank of Lithuania
Auditor	Ernst & Young Baltic UAB
Broker	Trade Station Securities
Management fee	1%
Subscription fee	Up to 3.0%
Success fee	20%
Redemption fee	No charge
Target annual returns	15%



-12.14%

Technical analysis

9.45%

0.87

Aistis Raudys, Ph.D. in artificial intelligence, 10 y. in finance, former Deutsche Bank and Société Générale quantitative researcher. Author of ATP models and strategies.

Algorithmic Trading Portfolio lost 0.21% in October. Negative monthly result was mainly due to unprofitable trading in bond instruments (-2.88%). Monthly loss was somewhat offset by profits earned from trading futures of the metal (+1.45%) and energy (+0.81%) asset classes. Looking at individual futures, the best performers were copper (+0.60%), natural gas (+0.49%) and the FTSE 100 stock index (+0.33%). The biggest losses were from 2-year US (-0.80%), Long-term British Gilt (-0.56%) and Euro Buxl (-0.37%) bonds.

During October, world equity markets had a slow start. However, throughout the month stocks gained momentum with main US stock indexes reaching new highs. This was mostly supported by strong Q3 results, with more than 80% of companies beating earnings expectations. Looking at the energy sector, price of crude oil and its derivatives continued to rise. The situation in the gas market also remains tense. Among other raw materials, copper showed higher volatility.

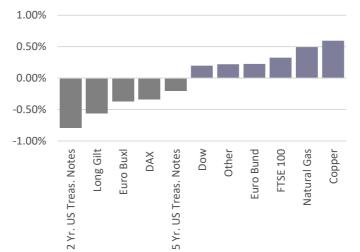
2.00% ]					1.45%	
1.00% - 0.00% -	0.04%	0.05%	0.81%			0.31%
-1.00% -						
-2.00% -						
-3.00% -				-2.88%		
-4.00%	Agriculture	Currencies	Energy	Bonds	Metals	Indexes

TRADING RESULTS (AFTER FEES)													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	YTD
2008	-1.38%	-0.88%	-0.18%	-0.58%	1.62%	2.38%	3.61%	0.49%	6.25%	8.89%	2.49%	4.33%	29.98%
2009	1.53%	-5.08%	5.88%	0.81%	3.37%	4.49%	0.70%	1.61%	2.71%	-1.76%	-0.40%	0.02%	14.27%
2010	-2.82%	2.50%	0.33%	3.21%	-4.71%	2.66%	5.40%	0.81%	2.95%	1.36%	1.93%	1.87%	16.17%
2011	3.07%	-1.64%	-2.13%	1.21%	0.37%	-4.18%	3.55%	7.57%	-8.40%	10.95%	-2.69%	2.89%	9.47%
2012	2.55%	3.25%	-0.17%	-1.45%	-4.20%	1.88%	2.20%	4.49%	5.08%	0.64%	9.00%	-4.56%	19.45%
2013	1.17%	2.97%	-2.34%	1.75%	2.16%	1.02%	2.37%	-0.53%	2.79%	0.27%	0.62%	0.92%	13.86%
2014	-3.92%	3.07%	2.77%	2.06%	1.43%	0.76%	0.08%	-2.13%	2.54%	3.27%	-1.28%	2.59%	11.50%
2015	-0.65%	1.62%	1.48%	0.61%	2.86%	0.02%	-1.85%	-10.48%	0.94%	-0.41%	-0.20%	0.56%	-6.01%
2016	-0.32%	2.35%	2.30%	1.67%	-0.01%	0.48%	1.33%	0.45%	0.43%	-1.74%	0.82%	0.13%	8.10%
2017	1.50%	0.98%	-0.42%	0.27%	1.07%	-0.37%	2.24%	2.14%	0.91%	0.88%	0.82%	1.32%	11.89%
2018	-2.25%	-6.20%	0.21%	-0.58%	0.50%	0.46%	-0.28%	-0.52%	-1.44%	-0.15%	0.33%	0.24%	-9.45%
2019	1.00%	0.99%	1.39%	1.21%	0.41%	1.41%	1.63%	0.87%	0.94%	0.82%	1.43%	0.77%	13.65%
2020	-4.74%	-0.31%	-2.80%	1.24%	-0.68%	-0.52%	0.42%	2.75%	1.87%	-1.84%	0.37%	0.87%	-3.54%
2021	1.14%	-3.35%	1.96%	0.31%	0.87%	-2.58%	-0.76%	-1.85%	-3.57%	-0.21%			-7.91%

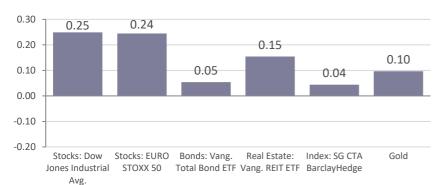


#### MONTHLY PROFIT/LOSS BY INSTRUMENT

One key part of our trading success is multi strategy approach. Models exploit short term mean reversion, short term trend following, short term seasonality and index inefficiencies. Some strategies work on minute to hour frequency and some work on daily or even weekly data. These models are used for more than 40 different futures contracts. Put together, they create numerous independent trading patterns. Single strategy will almost always suffer from periods of zero or negative returns. Having several hundred fundamentally different models in our portfolio allows us to compensate one's losses by gains of other models. Therefore, whole fund performance is almost always positive with more than 70% of positive months. Average monthly losses are similar to average monthly profits. All of it results in almost steady performance, however risk is not entirely eliminated.



#### STRATEGY CORRELATION TO OTHER ASSET CLASSES

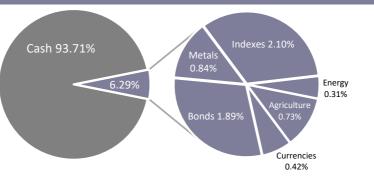


results show Trading almost nonexistent correlation to asset classes returns. Correlation in range -0.3 to 0.3 means that relationship between returns is weak. Therefore, Fund's results are only weakly affected by asset classes rises and falls in a long term. Thus returns usually do not depend on whether for example stock market gains or loses value. For further information about Fund's returns correlation please click here:

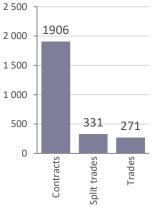
www.algo.lt/wp-content/uploads/ATP-koreliacijos-EN.pdf

## FUND ALLOCATION

A large cash reserve is essential for risk management of the investments. It ensures that trading is successfully maintained even if a part of funds is lost. The average trading margin allocation is 5%-30%. Cash is held in bank account at SEB (Lithuania) and/or in J.P. Morgan (USA) at the broker (TradeStation) segregated account. To reduce unused cash share, some of funds may be invested in most liquid very low risk short term USA treasury notes and/or EU bonds.

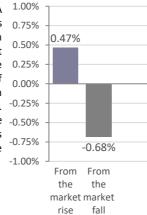


# MONTHLY TRADING VOLUME



All trade sizes are different. A quantity for every strategy is determined by diversification principals and current market and strategy behaviour. We constantly improve execution of around 2000 trades per month in order to maximise trading effect. One of the methods: trades are split and executed with less quantity per trade to reduce market impact.

## MONTHLY PROFIT FROM MARKET RISE/FALL



At any point, strategy can be long, short or flat, so profits can be generated in rising and falling markets. It results in steadier performance regardless of current economic cycle, crisis, recession. Even in a calm period market tends to move like waves: fall and rise in a short (few days) period. Fund's strategies trades on these few days moves and can make profit even when selling in a rising market or buying in a falling one.

# LIST OF TRADED FUTURES

Indexes
DAX
Dow

S&P 400 S&P 500

NASDAQ 100

EURO STOXX 50 FTSE 100

Russell 2000

Nikkei 225

CBOE Volatility Index

#### Energy

Natural gas

Gasoil

Gasoline

Heating oil

Crude oil

#### Metals

Platinum

Gold

Palladium

Silver

# Copper Bonds

2 Yr U.S. treasury notes

5 Yr U.S. treasury notes

10 Yr U.S. treasury notes

30 Yr U.S. treasury notes

. . . . .

Euro bobl Euro bond

Euro buxl

Euro schatz

Lui O Scriat

Long gilt

# Currencies

Euro FX

Australian dollar

British pound

Japanese yen

Canadian dollar

N. Zealand dollar

Swiss franc

#### Agriculture

Cacao

Coffee

Corn

Feeder cattle

Sugar

Soybeans

Soybeans oil

Soybeans meal

Wheat

# IMPORTANT INFORMATION

Algorithmic Trading Portfolio (Investment fund) is alternative investment fund designed for Professional or Informed investors only and supervised by the Bank of Lithuania. The information contained in this document does not constitute a solicitation or offer to invest in any financial products. It does not constitute legal or fiscal advice nor does it provide specific investment advice. Detailed information about the fund can be found in the fund's rules, prospectus and Key investor information document that can be obtained from Orion Asset Management. The data has been compiled from sources deemed reliable and is accurate to the best of our knowledge; however, we accept no obligation whatsoever from the information given. Orion Asset Management assumes no (direct or indirect) liability for any losses which result from the data and information published herein. The offering and sale of the products described in this document is legally restricted in certain jurisdictions. Persons who are subordinate to such jurisdictions have to inform themselves about such restrictions and must adhere to them. The prices stated are net of all fees; front load and taxes have not been taken into account. The potential for high returns of this investment strategy is combined with significant risks. Even a total loss of the invested capital is possible. Performance from the past is no guarantee of future results. Funds management company is not liable for the losses of the fund suffered due to the fluctuations of financial markets. It is strongly recommended to overview Fund's Prospect and Articles of Association before making a decision to invest in the Fund. In this document results are shown for USD class of fund only. EUR class results can slightly differ in the period from October 2015 to February 2016. For more information, <a href="https://www.orionam.lt/en/fondas/algorithmic-trading-portfolio">https://www.orionam.lt/en/fondas/algorithmic-trading-portfolio</a>