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COMPANY FACTSHEET

JUNE 2023

GFIC Limited

Private company limited by shares,
registered in England & Wales

Incorporated 16 October 2019

Company number 12264961

Registered office at 39 Craven
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GFIC is a boutique algorithmic technology fund in London, United Kingdom.

Our proprietary technology aggregates and applies diversified high-growth algorithms through an adaptive envelope to scale yields by increasing capital utilisation with advanced risk and correlation management.

We employ this technology to drive our SWARM-ONE fund for ourselves and, at this stage, for certain qualified investors in the United Kingdom, achieving an average risk managed return of 3% (compounding) growth per trading day.

This document is issued by GFIC Limited ("GFIC") to summarise the key facts of the company and this document is not a prospectus and it is not intended to be an invitation or inducement for any investment or engagement with GFIC. The current version of this document is always available on our website, and should always be obtained before relying upon it.

For further information, see our website at <https://gfic.limited>, or contact us at connect@gfic.limited.

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OUR FOCUS

GFIC was conceived in 2021 by our founder who inadvertently developed a new approach to algorithmic fund management using principles from his engineering background.

Mission

We build and drive the best algorithmic technology to generate the highest yet safest returns.

Manifesto

We do not invest, nor trade. We mine. We mine the volatility of price as it shifts, expands, and contracts. We do not care what we mine, nor its externalities. We care only about its price and its maths. We do not affect what we mine, we merely listen to it, adapt to it, and extract from it. We do not use humans nor emotions, but logic and algorithms. They are designed to always succeed, one way or another. They are advanced, and numerous, and diverse, and they are continually engaged at the face of price. They are driven by the power of maths to seek and carve out large volumes of small gains, not small volumes of large gains. They are built for the adversity that comes to them, that might be within them, and that we impose on them. They operate incessantly to bring value, as do We.

Principles

Ten key principles form the foundations of our products and technologies and the business with which we drive them.

1. **Algorithms and logic, not humans nor emotions:** to deliver predictable and consistent outcomes, always.
2. **Diverse multipath signal through loss and noise:** as it is expected, so a path is charted through it, always.
3. **Asset agnostic and intrinsic, mostly:** to focus on the asset and its inherent nature, whatever it is, not the externalities.
4. **Grow the top, so the bottom does not matter:** by achieving such high growth that the costs of doing so are insignificant.
5. **Growth, risk and progress, not win, lose or perfect:** as the outcome is the objective, not the tool and tactics to achieve it.

In all that we do, our people, processes and products, are always:

6. **Automated, digital, and always on,** so that we are effective, efficient and always there delivering value.
7. **Experimental, progressive and adaptive,** so that we continue to evolve and remain the best at what we do.
8. **Aligned, incentivised and rewarded,** so that we, you, and your funds, are in it for mutual success.
9. **Responsible, honourable and accountable,** so that we uphold the highest standards with trust and integrity.
10. **Accessible, transparent and open,** because we respect that we hold and work with funds that are yours.

These are what our products, technology and business are designed for, operated to, and measured against.



OUR LEADERSHIP

Matthew Gream is our Founder, Managing Director and Chief Product/Technology Officer. He conceived and incubated the technology and product behind the fund and built the initial business around it.

Matthew gained an international reputation in the 1980s as a teenager from his bedroom in Australia for his innovative and advanced microcomputer products, later referred to as "One of Australia's most famous people from [those] times [...], a good coder". He subsequently obtained a Bachelor of Engineering in Computer Systems (First Class) from the University of Technology Sydney in 1996 where he built a Wide-Area TCP Congestion Control simulator for this final thesis. Matthew was nearly expelled from University and extradited to the United States by the FBI, for allegedly hacking into NASA during a period where he experimented a little too much with the early internet, open source software, and cryptography (for which he received a prestigious national science and technology journalism award). He interned as a software engineer and specialised in highly reliable commercially oriented embedded software for telecommunications, networking and broadcasting systems, firstly in Australia (where he was described as having "an exceptional ability to understand and solve very complex issues quickly"), and then in the United Kingdom after relocating to join Cambridge Consultants Ltd in 1998. Matthew qualified in Art History from the University of Cambridge while travelling extensively, then completed a six month grand tour across Europe before settling in London in 2001 where he returned to engineer software and gained a Masters in Intellectual Property Law from the Queen Mary Intellectual Property Research Institute at the University of London in 2004. He contributed a book chapter on Competition Law for the Institute of Engineering and Technology and continued working on various open source software and internet related projects. Matthew's decade of leadership roles was honed at Google in eight years as a regional leader reporting into California, with five of those driving a high performing distributed product and technology group focused on YouTube's most strategic partners and their complex integration and operational needs, particularly with video ingestion and claiming systems: he built the function's growth oriented operating model and "Empower[ed] the team to move fast, use our initiative and take ownership of projects". He also completed programmes in Leadership and Finance before taking an exit from Google in 2016 to qualify as a private pilot, draft a fictional technology thriller, and expand his non-profit leadership work to include a role as Treasurer for the Institute of Electrical and Electronic Engineers in the United Kingdom and Ireland. Matthew built a payments system for that role, and a semi-automated financial portfolio management platform for his own family office. He launched, but closed, his first startup out of Antler's venture capital incubator in 2019, and returned to focus on his family office where he inadvertently developed a new and novel approach to algorithmic fund management, now the foundation of GFIC. Matthew is enthusiastic about engineering, aviation, electrified classic vehicles, minimalism, design and architecture, food and drink and London. He is the 6th generation paternal-line descendant of Reverend Robert Gream (1777-1856), Rector of Rotherfield, Godstone, Surrey (1837-1856), M.A. Oxford, St Edmund Hall (1803), and principally based in Holland Park, London with his teenage boys, and spends time in Paris and Sweden while maintaining ties to Australia.

OUR RESPONSIBILITY

We take our social and environmental responsibility seriously and we will elaborate further when we are in a position to.

OUR COMMITMENT

We are also invested in the fund, so we are equally committed to its performance, and our fees are performance based.

OUR EXPERTISE

We are product, technology and engineering centric, and believe that a consistent and relentlessly focused drive, expertise and excellence in that is critical for delivering to, and beyond, our objectives, so we fixate on,

1. assembling the **highest performing yet safest executing algorithms** for mining the markets;
2. applying those to **the most effective markets and assets** through **trusted third parties**;
3. with the **most advanced product, technology and engineering** that is **automated, expeditious, reliable and secure**;
4. to generate the **highest risk managed returns on capital employed** consistently;
5. and thus to deliver **the best rewards, value and experience**.

OUR OFFERING

We produce (a) an innovative proprietary algorithmic technology platform, for our use only; and (b) a fund management business that runs on top of it, using our own and third-party capital. That is what we do, and we do well. Nothing else.

OUR PLATFORM

We believe that our product, technology and engineering platform is mission critical to making the difference between dying, surviving or thriving, and we aim for it to be,

1. well **designed, engineered, implemented and tested**, with care and consideration;
2. **always on, available and working** continuously towards its objectives;
3. robust, reliable, secure, safe, current and all the **high quality** expected;
4. incessantly **tuned and optimised for performance** and state of the art;
5. proactively **monitored and managed**, and dealt with urgently when needed.

Our architecture has three key independent components with high reliability, strong redundancy and continuous runtime validation and verification: (1) a highly performant algorithmic engine that calculates, executes and delivers; with (2) a full-lifecycle fund and client management interface; and (3) a rich and growing data store yielding actionable insights.

OUR FUNDS

We launched our first fund, **SWARM-ONE**, in 2022. Full details are in the Fund Particulars, available on our website.

The fund employs a suite of algorithms using a swarming and flocking technique to operate independently yet cooperatively and generate yield in highly liquid contract-for-difference and currency markets on a continuous 24/5 basis (subject to market availability) with adaptive correlation and risk management features, real-time management, monitoring and alerting, plus the use of back stops, safety valves, and circuit breakers.

The algorithms, typically twenty to thirty at any time, are continuously added, adjusted, applied, released, and removed in both their individual and cooperative execution. They enact a large volume of small transactions which are typically held open for less than a day, and rarely beyond a week, which exploit a variety of price movements over different time frames.

We evaluated, and applied art, science and engineering, to normalise our algorithms to certain established and successful growth and survival techniques from both natural and synthetic systems, with the most significant being:

1. **Swarming and flocking.** They operate with cooperative collective behaviour to deliver by diversity, and they are all similar but different in their approaches to outcomes, recovery and resilience. This was taken from biological systems.
2. **Signal through noise.** They are designed for noise and loss, whether from externalities or internalities: to expect it, embrace it and overcome it, and stay resilient to it. This was taken from communications theory and systems engineering.
3. **Adaptation and evolution.** They use positive and negative feedback with reinforcement, from control theory, to tune into success. By constant experimentation, adaptation and evolution forward, they do as they need to thrive, mutate, or die.
4. **Openness and acceptance.** They assume nothing and learn, beg, borrow, steal from everything, without concern for any technological or methodological high or low brow, with everything open to consideration or adoption, without prejudice. (e)
5. **Bias to act, drive to grow, and sense to protect.** They are, as taken from psychological theory, ambitious so that they grow and actualise themselves to their highest callings, but equally, they protect themselves from damage and falling.

The fund targets an average 3% (compounding) growth per trading day within a range of 1% to 5%, aiming to maximise capital utilisation while controlling risk, including transaction correlation, capital loading, and negative equity (up to 10% preferably, 15% nominally, 25% occasionally, and 65% with black swans), with no anomalies, incidents nor interventions, and an operation that is 100% computational, correct and continuous. There are at least 240 trading days in a year.

We tested and refined SWARM-ONE for six to nine months in real conditions, with a slow ramp live on real capital.

We have other funds under consideration, but for now, SWARM-ONE is our only focus.

OUR PROCESS

We engage our clients in a way to build strong relationships and deliver considerable value, by a process that is

1. for **sophisticated investors only**, who have the experience or the net worth to understand the overall financial landscape, the unique nature of our offering, the returns and risks involved, and the ability to bear losses;
2. **boutique and personal**, so that we know who our clients are and the source of their funds, allowing us to understand their objectives and deliver value to them in the best way that works for them;
3. **ethical, honest, straightforward, transparent, communicative and insightful**, so that we earn, rather than assume, the respect and trust of our clients, to manage through the good times and the bad times;
4. **compliant with legal and regulatory obligations**, and where we can, in excess of them, because even though we are not an approved or regulated financial entity, we operate to the highest standards as best we can;
5. **fully online and automated**, to be consistent and available, always.

But there are certain qualifications that apply, as

- (a) we are **only available to certain residents of the United Kingdom** who are Professional Investors, Certified High Net Worth Individuals, Certified Sophisticated Investors, and Self-Certified Sophisticated Investors;
- (b) our offerings have a **high risk of loss, and investors may lose all of the funds they invest**, and should not invest unless they can bear the losses;
- (c) **we do not offer advice**, provide recommendations, or make any assessment about the suitability of investing in the fund for any purpose: prospective investors should consult a regulated financial professional;
- (d) **we do not solicit, nor market, nor promote for investments**, but we only disclose certain factual information to aid an informed choice; and
- (e) we treat all of our actual or prospective investors with **fairness and integrity** and hold ourselves to **high standards** of honesty, integrity and transparency.