



Identity as a Service



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The Investment Opportunity

The opportunity concerns a capital investment in Biocryptology, **a revolutionary platform for secure access control to online and physical locations**. The platform offers a solution for the current problems associated with identity theft and fraud, cybercrime, physical access security, privacy and data breaches.

Details of this investment opportunity:



> Investment amount € 20 million;



> Investment start: April 2018. Payback: April 2021;



> Investment guaranteed by equity stake;



> Target 300 million users at the end of year 4 (10% paying users);



> Revenues from subscriptions, onboarding fees and hardware sales;



> Development has been funded for 100% by the founder (> € 20 million);



> Investment will be done in the newly established Malta entity without debts or history;



> Solution for ID fraud and data breaches, supporting PSD2, GDPR and KYC;



> Highly scalable, suitable for many markets & sectors;



> Extensively tested, revolutionary technology (patents registered);



> Fully developed platform, ready for international commercial launch;



> Funds to be used for marketing international launch, opening new offices, and OPEX HQ;



> Funds to be released only after proven traction;



> 50% of total funds required in 2018.

2 The Problem & Solution

The investment opportunity covers 4 problem areas.

IDENTITY THEFT & FRAUD.

These have reached epidemic levels and form one of the fastest-growing types of (cyber-) crime, whereby criminals are using increasingly sophisticated tactics.

ACCESS INCONVENIENCE.

People have an ever-increasing number of (access) credentials for their private use and work environment (like keys, swipe cards, passwords and usernames), causing confusion and inconvenience in their lives.

LARGE SCALE DATA BREACHES.

Over the past few years, significant data breaches have taken place. It is expected that in 2018 data breaches will get even more serious.

PHYSICAL ACCESS CONTROL.

Companies, governments (public safety), airports, health institutions and the education sector show an ever-increasing demand for easy-to-use and sophisticated physical access control.

Biocryptology offers a solution for these problems with a complete identification platform for online and offline access. One universal platform for secure access to an event, gym, car, property, cloud services, websites, emails, online banking, e-commerce, and much more.

It offers four levels of identification and membership. The higher the identification level, the more profound the initial identity check of the person involved, and the greater the number of available uses/applications.

The Biocryptology platform offers two access possibilities:



> The **free app**, which is downloaded onto a mobile phone or tablet device. By placing a finger on the phone's sensor, the individual gets access.



> The **hardware device UP**. By placing a finger on the sensor of the UP device, the individual gets access. The UP device provides military-grade security and identifies a person, not just an ID, thereby eliminating ID fraud.

> **Access to online locations** is facilitated without usernames and passwords, a service available for free to any website or platform that wants to offer it to their users. The website owner just needs to download our plugin or use the OpenID or SAML protocol.

> **Access to physical locations** is facilitated by installing a small receiver, the N3 terminal, at the desired location, for example at the entrance of an office building or health club, or inside a car or private property.

3 USP's

The main differentiators of the Biocryptology platform are as follows:

- > Comprehensive platform with an app, N3 terminal and UP device (both optional).
- > Many different uses, just one universal identification platform for access to all kinds of online and physical locations.
- > Many different clients, can be used by consumers, companies and governments.
- > Not depending on sales to individuals. Due to partnerships with big platforms, hosting providers, and companies (banks, insurers, etc.), up to tens of millions of users per partner are captured.
- > Ultimate scalability, capable to become the global standard for secure access control.
- > Fast response (< 1 second), also in case of databases with billions of users.
- > Highly secure storage of personal data, based on ISO 27000.
- > No fingerprints stored, just simplified, encrypted templates, not of any use to criminals.
- > No external databases, avoiding the need to register personal data elsewhere.
- > Ultimate security, fulfills all international standards and highest level of certifications.
- > Easy integration (OpenID & SAML), stimulating collaboration with many parties.

4 Accomplishments & Market Potential

From January 2018, integrations are taking place with several companies. Negotiations are now being held with several leading companies in website hosting, banking, telecommunications, leisure (hotels and travel), insurance, e-commerce, e-learning, online gambling, loyalty and IT.

Furthermore, partnerships are currently being discussed with several leading consultancy companies, covering the governmental and healthcare markets among others. The companies from the sectors that are mentioned above, and that have shown significant interest in the Biocryptology platform, have a combined total number of users for online access of > 500 million; they can offer the Biocryptology app for free to all their users.

These results have primarily been obtained in a period of just 5 months; most business development activities started in or after the first week of September 2017. Most of the companies to be integrated are headquartered in Spain and The Netherlands and have commercial operations in various countries and various sectors.

Since Biocryptology serves all markets and has many different uses, every online or physical location with an access protocol is a potential client or partner. The Biocryptology platform can serve any type of client, sector, market or area.

5 Why Now?

There are several reasons why now is the right time to launch the Biocryptology platform.



MARKET SITUATION.

Due to epidemic levels of data breaches and identity fraud, companies and governments search for more convenient and more secure means for online and offline access, protecting privacy and executing transactions.



UPCOMING LEGISLATION.

The market is urgently in need of a solution that will support companies in respect of current & upcoming legislation (KYC, PSD 2, GDPR, etc.).



TECHNOLOGY ADVANCEMENTS.

The technology related to biometrics has advanced tremendously over the past few years and can now be applied on a large scale.



CONSUMER ACCEPTANCE.

The consumer now accepts these “new” technologies. **93% of consumers are willing to replace usernames and passwords with biometric identity verification.**

6 The Company

Biocryptology Ltd., incorporated in Malta, has been founded by a visionary Dutch entrepreneur who earned his spurs in the oil industry, registering over 250 patents.

Located in Madrid, the company's headquarter currently consists of 20 employees, primarily involved in hardware and software development. An additional team of 10 business developers currently undertake preliminary commercial activities in the UK, The Netherlands, India and Spain.

Biocryptology's technology has been extensively tested in real commercial situations for several years. Among others in the form of a payment system in the USA as well as in physical access control systems implemented with a variety of companies. During the past few years, the technology has been fine-tuned and is now ready for commercial launch. The launch of the Biocryptology platform will be held on the event Money 20/20 in Amsterdam on June 4th, 2018, in collaboration with international movie star Antonio Banderas (shareholder of the company).

For detailed information about the investment opportunity, please visit www.biocryptology.com and watch the **movies** below:



Introduction
Biocryptology



No more usernames
& passwords



Keep control
of your identity

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