



PRESS RELEASE  
New York, October 1, 2019

**EQUISAFE TO LAUNCH THE NYX STANDARD, A NEW REFERENCE TO EXCHANGE FINANCIAL INSTRUMENTS ON TEZOS BLOCKCHAIN, WITH SUPPORT FROM NOMADIC LABS AND OCTO TECHNOLOGY**

At the Tezos Global Summit in New York on October 1, 2019, Equisafe investment platform announced it is working on the launch of the most sophisticated smart contract package ever developed, with support from Nomadic Labs and OCTO Technology. This new model is intended to constitute a new technological standard for the exchange of financial instruments.

*A set of digital contracts standard, designed for issuers and buyers of financial instruments*

The objective of this new standard is to replicate on the Tezos blockchain the entire financial infrastructure of issuance, purchase and exchange of securities as it exists today, in order to streamline, accelerate and secure transactions.

The Nyx standard will leverage the Tezos blockchain to automatically secure and execute over 160 predefined business rules, thereby reducing transaction costs and avoiding a great number of administrative errors, specifically on compliance topics.

The *Nyx standard* will enable:

- **The creation of a global register of immutable financial transactions operating on a basis of harmonized rules:** unlike conventional paper contracts, smart contracts are indeed all built on the same model and readable by all computers.
- **The creation of an anonymized database of investors** thanks to cryptographic methods of "Zero Knowledge Proof, fully secure and accessible 24 hours a day by issuers of financial instruments and regulators.
- **The automatic verification of the conditions of transferability of the securities:** the numerical identity of each investor will be recorded on the blockchain so that they can verify directly whether they fulfill the exchange conditions or if, on the contrary, restrictions apply.
- **The control and the automatic encrypted statement of transactions which were carried out at all times**

In concrete terms, **4 smart reference contracts** will be developed:

- **1 smart contract for digital identity management:** nationality, typology of investors, level of qualification ... each investor will enter information on the Equisafe platform only once. They will then be verified (*Know Your Customer* test) and then registered for the time being that is authorized by local regulation (ie. One year in Europe).
- **1 smart contract to create a digital representation of the company issuing securities and related regulations:** the issuance of deeds requires the prior registration of the company on the blockchain. This will allow the technology to directly evaluate whether a buyer meets the conditions for subscription to capital, or if the maximum number of shareholders has been reached.



- 1 smart contract for materialization of securities registers (shares, funds and bonds)
- 1 smart contract allowing the custody of the titles directly on the blockchain.

Smart contracts will communicate with each other and form a new kind of standard that has an unprecedented level of granularity. The Nyx may allow the holders of equity securities to hold their general meeting, vote and exercise their rights (such as dividend rights) in a completely dematerialized manner handling on-chain lifecycle management of the securities.

### *A technological standard accessible to all*

The standard should be unveiled to the general public in early 2020, after being deployed in a first use case on the Equisafe platform.

The latter will offer a very easy-to-use interface for issuers of financial instruments who will only have to enter directly the necessary information to create their smart contract. Each contract will be customizable according to the local compliance rules.

The Nyx standard will be available in open source (MIT license), to allow all developers to access and improve it if they wish by incorporating additional features, maximizing the interoperability that is expected financial infrastructure.

The Equisafe investment platform, assisted by the consulting firm OCTO Technology (a subsidiary of Accenture), will translate the smart contracts based on the Ethereum version. Nomadic Labs, a R&D lab working on the Tezos protocol, will ensure its good implementation on the blockchain.

*"Given the benefits, the question is no longer whether but when issuers and buyers of securities will massively adopt smart contracts. To streamline the exchanges, it will be necessary to provide adapted and easy to use platforms, and an intelligent contract that is scalable and adaptable to their needs. Using the Nyx standard means modernizing its back office for issuers of securities while providing an unprecedented investment experience for investors. Our vision is simple: Regulators will adopt Standard Nyx because it allows for an unprecedented audit, making their work more efficient."* **Bilal El Alamy, President of Equisafe.**

*"Nomadic Labs will bring to this new standard all of its know-how in the formal verification of smart contracts. Furthermore, in keeping with the Tezos spirit, it is the community of users that will decide on improvements to this standard. The contract model will be scalable and adaptable to the needs of investors."* **Jérôme Chailloux, President of Nomadic Labs.**

*"Research and innovation on blockchain technologies is permanent. Tezos is among those that have brought the most promises over the past 2 years. The formal verification of the successful execution of "smart-contracts", the governance with the evolution of the "on-chain" protocol, and a native consensus with proof of stake are 3 undeniable arguments that we believe in within OCTO Technology. We are working on this entire technological spectrum and are proud to contribute to the Tezos community to develop this financial standard with Equisafe."* **Sébastien Massart, Blockchain Lead, OCTO Technology**

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**About Equisafe:**

*Equisafe is a digital investment platform whose mission is to liquefy and make accessible to the greatest number property titles and financial securities via the Blockchain. Created in 2019, the platform realized in June of the same year the first real estate sale via the Blockchain in Europe (also known as "Operation AnnA").*

**About Nomadic Labs:**

*Nomadic Labs is a R&D company in the field of decentralized, distributed and formally verified software. Created by former architects of the Tezos protocol, Nomadic Labs aims to develop, maintain and evolve an implementation of the Tezos protocol, and also works on the formal verification of smart contracts, as well as the protection of privacy.*

**About OCTO Technology:**

*OCTO, part of Accenture Digital, is a consulting firm specializing in digital transformation which currently has nearly 600 employees, divided between the head office based in Paris and Morocco: Switzerland, Morocco and Australia. OCTO combines cutting-edge expertise in digital technologies, such as Big Data and data analysis, user experience design and mobile solution design. OCTO organizes yearly in Paris the event Unexpected Sources of Inspiration (USI), which has brought together, over the last 12 years, opinion leaders, innovators and entrepreneurs to exchange ideas, draw new inspirations and discuss the digital transformations in our societies. [www.octo.com](http://www.octo.com)*