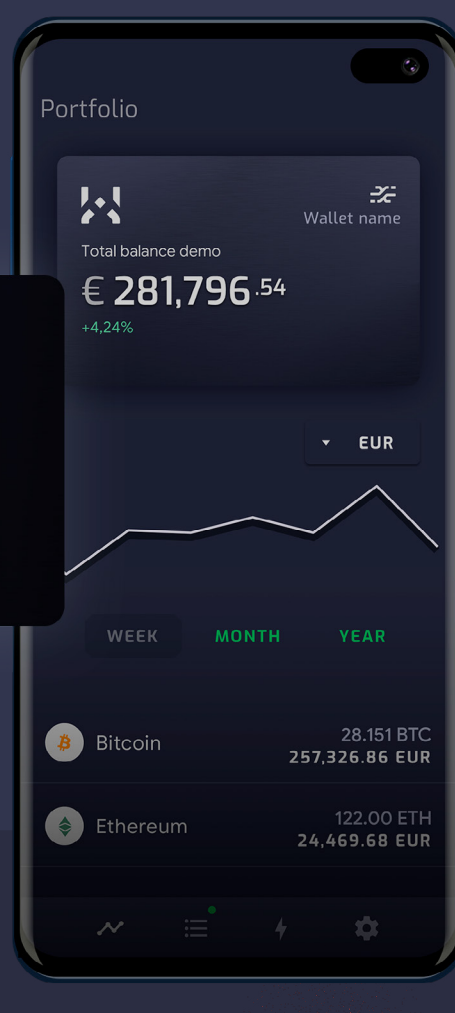
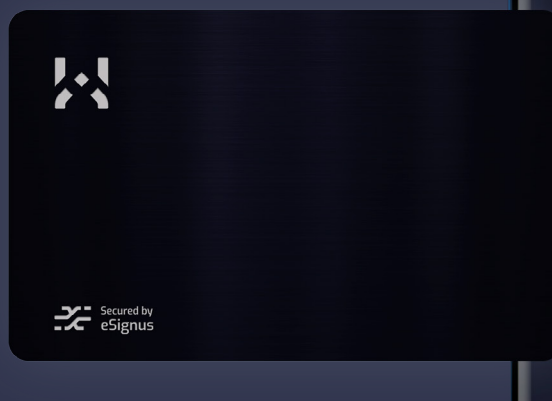


HASH crypto wallet is based on an innovative technology deployed on a smart card that allows the user to authenticate or sign a transaction, in a secure environment that avoids any risk of impersonation and the possibility of fraud. Perform transactions securely, anytime, anywhere.



The problem

During 2018, more than **\$1.8 billion** in crypto-assets were stolen, and **+500.000 users** lost part of their portfolio.

In a decentralized system, the user is the only keeper of the security of his assets. Transactions are irreversible, **there is no superior entity to cover fraud losses**, and in the Blockchain, ecosystem thieves act more unpunished.

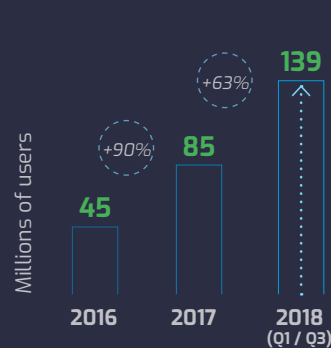
Being in a still immature market, formed by many inexperienced users, it is still relatively easy to get unauthorized access to most of the existing custody systems.

The substantial growth in the volume of users and the value of their assets involves higher risks, such as:

- Loss of private keys
- Phishing attacks
- Key hacking
- Keystroke logging
- ... and more to come

The opportunity

A huge market in constant growth



+60% per year

The use of crypto currencies is **growing at over 60% per year**, increasing the volume of users who need a wallet to operate and store their tokens in a secure way.

+600 M users

The total number of wallets in the world has multiplied by 4 in the last five years to 48 million by 2018 and is **expected to exceed 600 million by 2023**.

TOKENIZATION

The rise of **tokenization of physical assets and financial products** will boost the number of business users, as the risk of theft.

SECURITY, SPEED & EASE

Most cryptocurrency users appreciate above all **security, ease asset management and operation speed**.

Our solution

HASH crypto wallet is a new generation of hard wallets that brings together **the strongest level of security with ease of use and high operations speed**. All in a **comfortable and solid smart card** made of metal, with a large e-ink screen and full of premium features.



- Supports **+100 top currencies**
- Full metal body**
- Fingerprint reader**
- Wireless charger**
- Secure cryptoprocessor**
- Waterproof IP67**
- Large screen:** eInk, 57 x 44 mm
- Standard:** ISO/IEC 7816
- Dimensions:** 85.60 x 53.98 x 0.76 mm
- Format:** ID-1
- Connections:** Bluetooth, NFC
- Temp:** -20 C to +60 C (-4 F - + 140 F)
- Weight:** 35 g
- Authentication:** U2F

Mobile / iOS & Android // Desktop / Windows, macOS, Linux

- Intuitive and easy user interface.
- Multiple wallets from one single user account.
- Full management of smart card operations.

What you see is what you sign

Being a **non-programmable device**, it is impossible to copy or alter its content. This security is complemented by the philosophy "what you see is what you sign", since the user always visualizes and confirms his operations through his large e-ink screen, **without the possibility of impersonation or fraud**.

You can't steal what you don't know

HASH incorporates **public-private key technology**. When the card is initialized for the first time, it generates the key pairs in a random way and not based on any seed. The private key is kept inside without anyone knowing it, not even the user. Thus, **what is not known and inaccessible is impossible to steal**.

An innovative key recovery system

Forget about endless lists of words on a piece of paper. Thanks to a disruptive key recovery system, users have a new tool to **prevent 100% loss of their cryptocurrencies** – the highest level of trust, coupled with friendly and straightforward user experience.

The power of Lightning Network

HASH provides Lightning, a revolutionary protocol that enables fast micro-transactions using private 'off-chain payment channels' between two parties. It is not necessary to store daily transactions in the leading Bitcoin Blockchain, which offers instant operations.

Use scenarios

COLD STORAGE

HASH can be used as an offline wallet to safeguard crypto-assets. The private key is not accessible at all, so the card is always fully protected from any unauthorized access and provides cold storage security in day to day transactions..

LIGHTNING PAYMENTS

As the smartcard uses Lightning Network, users can make micro-payments in a faster, cheaper, and more secure way than any other transaction system.

P2P EXCHANGE

Users can buy and exchange crypto-assets through the mobile and desktop HASH apps. It also provides a trusted environment to trade with the main crypto currencies.

A suitable choice for emerging markets

In the short term, HASH will become a valuable tool that fits perfectly into new markets and sectors, such as:

- Gaming & Gambling Industry
- Neo Banks
- Currency Exchanges
- Payment Methods
- Digital ID & Signature
- Cyber Security



About eSignus

eSignus bring together a group of senior entrepreneurs highly experienced in the financial, technology and crypto security sectors. We facilitate the integration of the decentralized economy into business environments, delivering recognized and truly secure user experiences that enable mass adoption.

Daniel Hernández Rodríguez
Co-Founder & CEO

Graduate in Business Administration, University Expert in Financial Audit, Certified in CGEIT by ISACA and Executive MBA from IE. More than ten years for experience as CEO of IT companies, leading projects among others in the Banking Industry, in core banking systems, payment methods infrastructure and outsourcing of services.

José Ramón Sendra Sendra
Co-Founder & COO

PhD in Telecommunication Engineering, Professor of University in Electronics, MBA by the ETSIT of the UPM. More than ten years of experience in the management of a hardware development company, making AVL systems, sensors and communications systems.

Alexis Domínguez Guerra
Partner & Chief Business Development Officer

Degree in International Business & Marketing from Richmond University, London and Pepperdine University in L.A., California. More than 25 years of International experience in Management, Consulting, Digital Marketing, Business Development and Internationalizations Process.

Sebastián Unda Endara
Lead UX & design

Postgraduate in UX Design & User Experience from Elisava design school, Barcelona. User-centred Design Specialist. Founder and CEO of 3lastic, a strategic design consultancy based in Madrid. More than 20 years of experience leading the conceptualization and build of comprehensive web and mobile projects.

Masaki Hatomi
Software engineer

More than 15 years of experience in various programming environments, with substantial knowledge in JavaScript, database management, HTML, PHP and CSS preprocessors as well as payment gateways and APIs for external services.

Federico Soria Bretones
Marketing advisor

Degree in Advertising & PR from the University of Seville, MBA from IUDE Business School and Postgraduate in Brand strategy from Elisava Design School, Barcelona. Head of Marketing & Communication for national companies since 2012. Specialized in brand strategy and corporate marketing in both digital and point-of-sale environments.

Get in touch

For business contacts (Investors, Resellers, Sales & Affiliate partners) please reach us at alexisdg@e-signus.com

This document does not constitute a Public Offer Contract nor any legal or binding document. It shall not be considered as any terms of a crowdsale campaign nor as providing any legal, investment or tax advice. For additional information, please refer to our corporate website.