



## EVAI TOKEN Smart Contract Audit Report



### For Further Information Contact:

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## Evai.io Background

Launched in 2019, the EVAI.io proposition consists of the EVAI cryptocurrency token and unbiased cryptocurrency ratings system named 'The Bridge'. Our uniquely designed ratings approach will shortly be applied to over 5,000 cryptocurrencies and eco-system participants to identify the most profitable coins for.

**There are no universally accepted credit ratings for cryptocurrencies now. This is a major problem for investors as there is no unbiased rating to determine which cryptocurrencies, they should be investing in. We have developed our own unique Comprehensive Credit Rating (CCR) system for cryptocurrencies. Our CCR uses the latest financial techniques including returns per unit of risk, risk adjusted returns using multiple factors and long-term financial stability measures.**

The Evai.io unbiased crypto ratings system is called 'The Bridge' and will generate ratings based on six core criteria, which will be underpinned by Artificial Intelligence and Machine Learning to optimize the ratings.

**To date, there is no consensus on the ideal structure of what constitutes a satisfactory online commercial ratings platform. Evai.io seek to fill that gap.**

Decentralization is key to EVAI avoiding any tendency to bias. Additionally, EVAI will not accept any compensation from the companies or investments it rates for issuing the rating. Nor will it give them an opportunity to preview the ratings or suppress their publication for any reason. EVAI is totally independent and unbiased. EVAI works by creating incentives for participating users to want to provide input into the core development of the EVAI ratings protocol and platform. However, the blockchain also uses formal mathematical proofs to ensure that certain critical properties of the EVAI protocol are maintained, thus keeping the network decentralized.

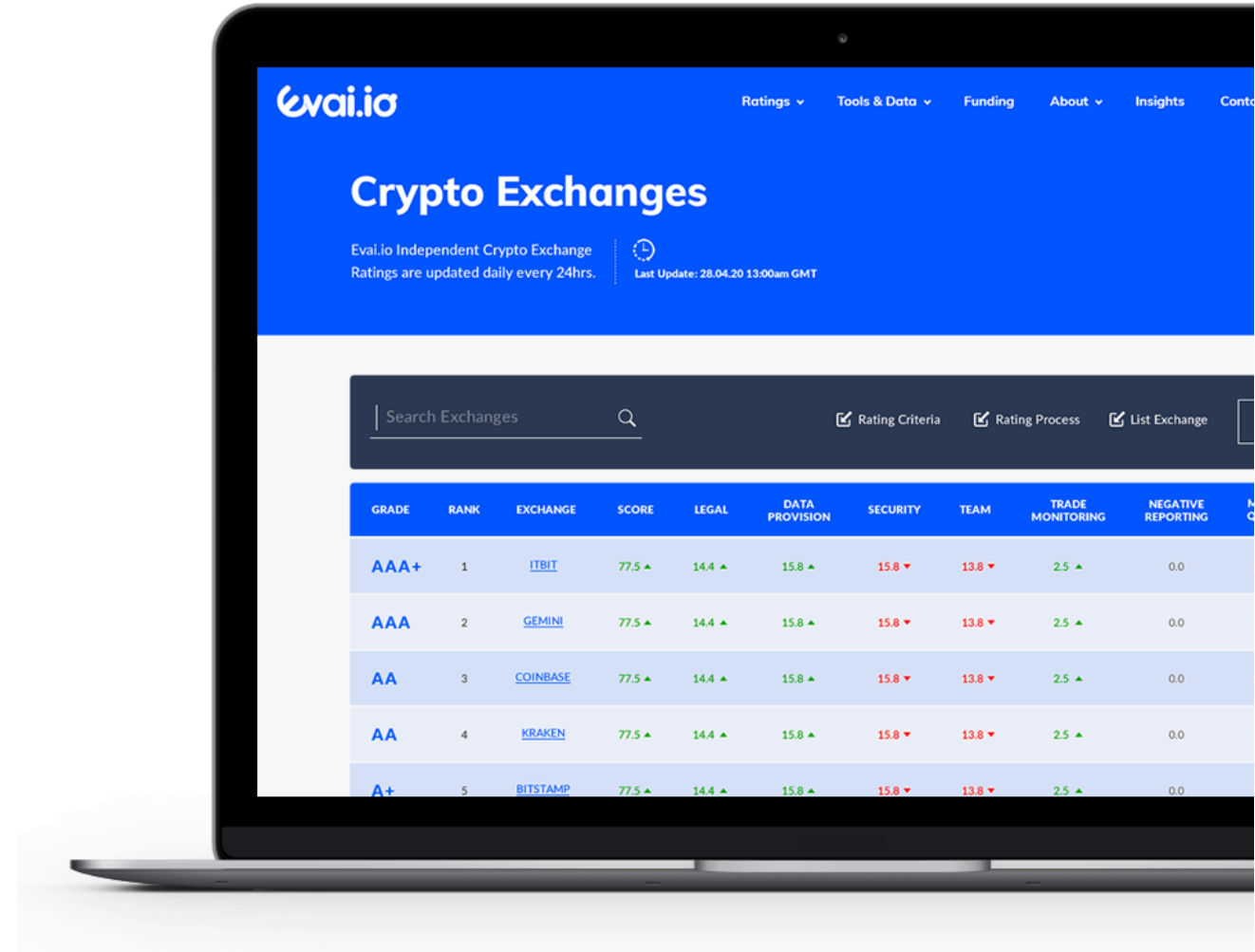
**EVAI.io encourage the engagement of token holders and developers. Token holders provide consensus using a proof of stake mechanism and are rewarded for supporting positive upgrades that are ultimately adopted. Developers are incentivized for their ideas and contributions or for market intelligence. In this way rating algorithms will be continually upgraded with gradual incremental improvements in an evolutionary fashion.**

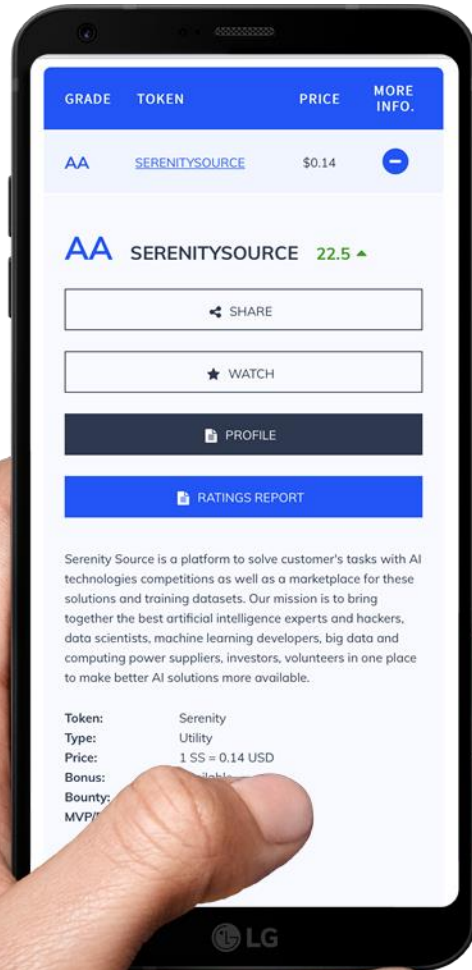
## Welcome to Evai.io

Evai.io has identified an opportunity in the cryptocurrency marketplace for an ‘unbiased’ cryptocurrency ratings service that will have a unique point of difference from current providers.

We seek to build investor’s wealth by inviting them to access our unique Crypto Currency ratings platform built on the foundations of advanced financial modelling and research, coupled with Artificial Intelligence (Ai) and Machine Learning (ML) to adapt to the fast-moving crypto market.

For more details: [www.evai.io](http://www.evai.io)





Separating Fact from Fiction!

## We Turn **Research Theory** into Industry Leading **Unbiased Ratings** Mechanisms for the **Crypto Market!**

Unlike other centralized rating services currently available, EVAI.io embodies the core ideals of decentralization. Moving away from the central model remedies any intentional or unintentional bias—something integral to a fair rating system. Additionally, EVAI.io is entirely independent; it will never accept compensation from companies and investments it rates.

[www.evai.io](http://www.evai.io)





# The EVAI Token

**EVAI.io will leverage the current industry standards via the Ethereum blockchain for issuing custom digital assets and smart contracts.**

By conforming to the ERC20 token interface, EVAI will be compatible with existing Ethereum infrastructure, such as wallets and exchanges.



## EVAI Token Purpose

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Token holders provide consensus using a proof of stake mechanism and are rewarded for supporting positive upgrades that are ultimately adopted. Developers are incentivized for their ideas and contributions or for market intelligence.

**In this way the EVAI.io rating algorithms will be continually upgraded with gradual incremental improvements in an evolutionary fashion.**

**Legal Disclaimer.** Contributions/Investment/trading in digital assets have a relatively high risk and may not match all types of investors. The value of digital asset is very highly volatile. This could mean potential huge profits; this also could mean potential huge losses. EVAI Tokens are digital assets, so if you are interested in becoming a EVAI contributor or investor, you must convince yourself of all aspects of EVAI: technology, business models, and other related factors. You should be aware of the risks of failure will still exist. EVAI cannot guarantee or be held responsible for any gains or losses from the performance of EVAI Token which will fully be determined by market, project and investment forces

## EVAI.io Token Details

**EVAI will leverage the current industry standards in the Ethereum blockchain for issuing custom digital assets and smart contracts. By conforming to the ERC20 token interface, EVAI will be compatible with existing Ethereum infrastructure, such as wallets and exchanges.**

**The Ethereum Virtual Machine (EVM) allows the deployment and execution of smart contracts, enabling complex issuance rules for cryptocurrencies like EVAI. EVAI eliminates any question of trust and protects the transacting parties against fraud. These powerful features and dynamic ecosystem make Ethereum a strong fit for EVAI tokens.**

### The Token Mechanism:

- **Symbol:** EVAI
- **Price:** \$0.23
- **Protocol:** ERC20
- **Soft Cap:** \$2 Million
- **Hard Cap:** \$10 Million
- **Quantity:** 1 Billion

### Fund Utilization:

- **Development:** 40%
- **Founders:** 21%
- **1st Inv. Round:** 10%
- **Exchange Offering:** 10%
- **Advisors:** 5%
- **Marketing:** 14%






# EVAI.io Funding Rounds



Our final funding round for EVAI.io ratings platform is now underway. You can purchase EVAI tokens at [www.evaifund.io](http://www.evaifund.io) or on selected exchanges.

EVAI Tokens Available on:



<b>Funding Tier 4</b> 20.8m / 20.8m Remaining	<b>Funding Tier 3</b> 26 Million Achieved	<b>Funding Tier 2</b> 9.1 Million Achieved	<b>Funding Tier 1</b> 3.9 Million Achieved
<p><b>Funding Round</b>  <b>CURRENTLY OPEN</b>  <a href="http://www.zbx.one">www.zbx.one</a></p>	<p>  <b>Fund Complete</b></p>	<p>  <b>Fund Complete</b></p>	<p>  <b>Fund Complete</b></p>

***"EVAI.io Ratings will be groundbreaking, fully automated and will command respect and recognition within the crypto and wider financial industry. Creating a bridge between crypto and traditional finance, leading to the adoption of crypto as a recognized asset class in the investment world. – May God bless this venture."***



**Matthew Dixon: Founder and Chief Executive Officer, EVAI.io**

## Smart Contract Details

### Contract Address

[0x8BD135bb2543955045Ca8859C05033d07636D963](#)

### Transaction Hash

[0xec89429fb1160dc45714c21733e8d0668d990494afbdb539086cba45751a5b0e](#)

### Tx URL

<https://etherscan.io/tx/0xec89429fb1160dc45714c21733e8d0668d990494afbdb539086cba45751a5b0e>

### URL:

<https://etherscan.io/address/0x8bd135bb2543955045ca8859c05033d07636d963#code>

### Account address(deployment)

[0xDA2fe3a90a792437B749d2145E9098b2CdA104d5](#)

## When Ethereum 2.0 is launched it brings high expectations for scalability and a switch from Proof of Work to Proof of Stake.

Below is a summary of how this would affect the current EVAI Token and its current ERC20 status.

**Ethereum 2.0 will be implemented over several phases. The first phase (phase 0), is already defined and practically fully implemented, just a few small details and some testing is pending.**

### Phase 1 Impact (None)

Neither ERC20 users nor ERC20 developers should notice any difference. However, the increase of data available will probably lead to the use of scaling solutions based on Layer 2 between applications that generate a huge amount of transactions of ERC20 tokens per second (such as decentralized exchanges and games). These solutions aren't new, in fact, they're being used today on Ethereum, however, on a minor scale.

### Phase 1.5 Impact (Negligible)

At this point, changes will be noticeable when ERC20 tokens like EVAI are used, as the transactions with ERC20 based tokens will be faster. The change to Proof of Stake implies that the block time is fixed to 12 seconds. scalability solutions based on Layer 2 will also work better for ERC20.

### Phase 2 Impact (Medium weight affect)

For ERC20 tokens when Phase 2 is reached the proposed solutions would be deploying a smart contract similar to a ERC20 in all the shards. These "ERC20 2.0" would communicate with themselves among shards to synchronize the balances, so that when you want to use your EVAI tokens in another shard, you'd have to indicate to the token to which shard you want to send it to, so that it can prepare itself. This solution could also be applied to the EVAI tokens that are already deployed on Ethereum 1.0 by creating smart contracts that wrap an EVAI token and add these properties. Something like what WETH does with ETH.

## Ownership Rights

**EVAI is a utility token, issued on the Ethereum platform based on an ERC20 standard contract, that can be used as form of payment for EVAI service. Ownership of EVAI carries no rights express or implied other than a right to receive the EVAI service, if and to the extent the EVAI service has been successfully completed and launched in a country.**

Participants of the Token Sale understand and accept that EVAI tokens do not represent or constitute any ownership right or stake, share or security or equivalent rights nor any right to receive future revenues, shares or any other form of participation or governance right in or relating to the EVAI service or any entity from EVAI2020 LTD.

The DLT Asset qualifies as a UNIT in an undertaking that constitutes a scheme or arrangement which has its objectives in the collective investment of capital.

Participants of Token Sale understand and accept that he/she has no right to claim as holder of EVAI any intellectual property rights, equity or equivalent rights or any other form of participation in or relating to the EVAI service and/or any entity from EVAI2020.LTD.

## Purchase Limitation

**By purchasing EVAI tokens the Participant of such Token Sale represents and warrants that:**

- The Participant of Token Sale is not a citizen or resident of a country, whose legislation conflicts/restricts exchange of tokens/cryptocurrencies and/or the EVAI service in general.
- The Participant of Token Sale is not a citizen or resident of the USA; nor U.S. Person within the meaning of Rule 902 of the U.S. Securities Act of 1933.
- The Participant of Token Sale is not a citizen or resident of countries listed in COMMISSION DELEGATED REGULATION (EU) 2016/1675 of 14 July 2016 supplementing Directive (EU) 2015/849 of the European Parliament and of the Council by identifying high-risk third countries with strategic deficiencies e.g.: Afghanistan, Bosnia and Herzegovina, Guyana, Iraq, Lao PDR, Syria, Uganda, Vanuatu, Yemen, Ethiopia, Sri Lanka, Trinidad and Tobago, Tunisia, Iran, Democratic People's Republic of Korea (DPRK).

## Evaifund.io: Know Your Customer (KYC/AML)

**Any participant of Token Sale who wants to acquire EVAI tokens must register at <https://www.evaifund.io/> and pass required by law Anti Money Laundering (“AML”) and Know Your customer (“KYC”) procedures. The status of Participant of Token Sale is subject to restrictions required by applicable law, described in Terms, AML and KYC procedures.**

Procedures will be conducted according to **laws of European Union**, especially **Commission Delegated Regulation (EU) 2016/1675 of 14 July 2016** supplementing **Directive (EU) 2015/849 of the European Parliament and of the Council** by identifying high-risk third countries with strategic deficiencies.

**For More Information:** <https://www.evaifund.io/aml-kyc-policy.html>

If you are purchasing the EVAI Token through an exchange via pre-sale or listing, **you will have to complete account verification and verification of your identity documents before purchasing EVAI token.** This usually entails email and phone verification, uploading of your passport or national ID and submission of your latest utility bill (within the last 3 months).

**EVAI TOKENS ARE AVAILABLE ON:** <https://www.zbx.one/>



## Permitted Countries

**For the avoidance of doubt the following country residents and nationals are permitted/not permitted to purchase or own EVAI Tokens.**

### Permitted Countries

Andorra, Anguilla, Armenia, Aruba, Australia, Austria, Bahrain, Bangladesh, Barbados, Belgium, Belize, Bermuda, Bolivia, Brazil, British Virgin Islands, Brunei, Bulgaria, Canada, Cayman Islands, Chile, China, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Dominica, Dominican Republic, Egypt, Estonia, Faroe Islands, Finland, France, Gambia, Georgia, Germany, Gibraltar, Greece, Greenland, Grenada, Guernsey, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Isle of Man, Israel, Italy, Jamaica, Japan, Jersey, Jordan, Korea, Kuwait, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Macau, Macedonia, Malaysia, Malta, Marshall Islands, Martinique, Mauritius, Mexico, Monaco, Montserrat, Morocco, Netherlands, Netherlands Antilles, New Zealand, Niue, Norway, Oman, Peru, Philippines, Poland, Portugal, Qatar, Romania, Russian Federation, Réunion, Saint Kitts and Nevis, Saint Lucia, San Marino, Saudi Arabia, Seychelles, Singapore, Slovakia, Slovenia, Solomon Islands, South Africa, Spain, Suriname, Sweden, Switzerland, Taiwan, Thailand, Tunisia, Turkey, Turks and Caicos islands, Tuvalu, United Arab Emirates, United Kingdom, Uruguay, Vanuatu, Vatican City

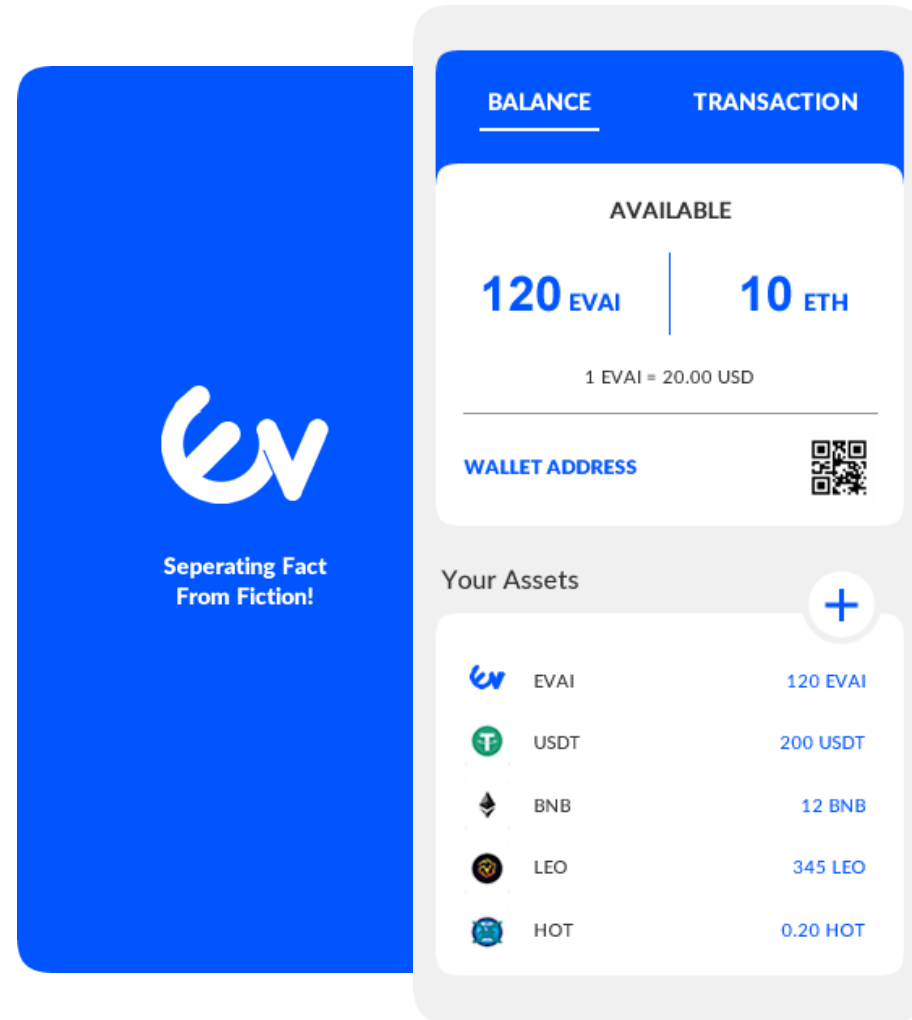
### Not Permitted Countries

Afghanistan, Albania, Algeria, American Samoa, Angola, Antigua and Barbuda, Argentina, Azerbaijan, Bahamas, Belarus, Benin, Bhutan, Bosnia and Herzegovina, Botswana, Burkina Faso, Burma (Myanmar), Burundi, Cambodia, Cameroon, Cape Verde, Central African Republic, Chad, Colombia, Comoros, Congo, Congo-Brazzaville, Cook Islands, Cote d'Ivoire / Ivory Coast, Cuba, Djibouti, Ecuador, El Salvador, Equatorial Guinea, Eritrea, Ethiopia, Fiji, Gabon, Ghana, Guam, Guatemala, Guinea, Guinea-Bissau, Guyana, Haiti, Honduras, Iran, Iraq, Kazakhstan, Kenya, Kiribati, Kosovo, Kyrgyzstan, Laos, Lesotho, Liberia, Libya, Madagascar, Malawi, Maldives, Mali, Mauritania, Moldova, Mongolia, Montenegro, Mozambique, Namibia, Nauru, Nepal, New Caledonia, Nicaragua, Niger, Nigeria, North Korea, Northern Mariana Islands, Pakistan, Palau, Palestinian Territories, Panama, Papua New Guinea, Paraguay, Puerto Rico, Rwanda, Saint Vincent & The Grenadines, Samoa, Sao Tome & Principe, Senegal, Serbia, Sierra Leone, Somalia, South Sudan, Sri Lanka, Sudan, Swaziland, Syria, Tajikistan, Tanzania, Timor-Leste, Togo, Tonga, Trinidad and Tobago, Turkmenistan, Uganda, Ukraine, United States of America, US Virgin Islands, Uzbekistan, Venezuela, Vietnam, Western Sahara, Yemen, Zambia, Zimbabwe

## EVAI.io Token Wallet

The EVAI.io mobile wallet is available on [Google Play Store](#). Safely store your EVAI tokens!

It offers the safe and secure user control of private keys, an easy to use interface, and passcode support.







# EVAL token Audit Report



## Audit Request

EVAI will leverage the current industry standards via the Ethereum blockchain for issuing custom digital assets and smart contracts. By conforming to the ERC20 token interface, EVAI will be compatible with existing Ethereum infrastructure, such as wallets and exchanges. More information can be found on <https://www.evai.io/>.

## In Scope

This document is a security audit report performed by Denis Bogdanov <https://github.com/danbogd>, where EVAI smart contract <https://etherscan.io/address/0x8bd135bb2543955045ca8859c05033d07636d963#code> have been reviewed.

## Review Methodology

The smart contract review methodology involves automated and manual audit techniques.

The applications are subjected to a round of dynamic analysis using tools like linters, program profilers and source code security scanners (publicly available automated Solidity analysis tools such as Remix, Oyente, Solidity static code analyzer SmartCheck).

The contracts have their source code manually inspected for security vulnerabilities. This type of analysis has the ability to detect issues that are missed by automated scanners and static analyzers, as it can discover edge-cases and business logic-related problems. Special attention is directed towards to the ability of an owner to manipulate contract.

## Classification of detected issues

### High

Vulnerability can be exploited at any time and cause a loss of customers funds or a complete. Breach of contract operability. (Example: Parity Multisig hack, a user has exploited a vulnerability and violated the operability of the whole system of smart-contracts (Parity Multisigs). This could perform regardless of external conditions at any time.)

### Medium

Vulnerability can be exploited in some specific circumstances and cause a loss of customers funds or a breach of operability of smart-contract (or smart-contract system). (Example: ERC20 bug, a user can exploit a bug (or "undocumented opportunity") of transfer function and occasionally burn his tokens. A user can not violate someone else's funds or cause a complete breach of the whole contract operability. However, this leads to millions of dollars losses for Ethereum ecosystem and token developers.)

### Low

Vulnerability can not cause a loss of customers funds or a breach of contracts operability. However it can cause any kind of problems or inconveniences. (Example: Permanent owners of multisig contracts, owners are permanent, thus if it will be necessary to remove a misbehaving "owner" from the owners list then it will require to redeploy the whole contract and transfer funds to a new one.)

### OWASP Risk Rating Model

The severity is calculated according to the OWASP risk rating model based on Impact and Likelihood:

Overall Risk Severity				
Impact	HIGH	Medium	High	Critical
	MEDIUM	Low	Medium	High
	LOW	Note	Low	Medium
		LOW	MEDIUM	HIGH
	Likelihood			

## Summary of findings

### In total, 2 issues were reported including:

- ✓ 0 high severity issues.
- ✓ 0 medium severity issues.
- ✓ 0 low severity issues.
- ✓ 2 notes.
- ✓ 0 owner privileges (optional).

### HIGH Severity Issues

No high severity issues were identified in smart contract.

### MEDIUM Severity Issues

No medium severity issues were identified in smart contract.

### LOW Severity

No low severity issues were identified in smart contract..

## Token Audit Author

### Dan Bogdanov

A Blockchain engineer, Web application developer, financier since 2002. Develops applications for cryptocurrencies, blockchain and investments. Studying programs, their vulnerabilities. Audited more than 150 various types of smart-contracts with the Callisto network team. Skilled in Solidity Security and smart contracts development.

#### The audit procedure includes:

- Security testing (find any bugs or security vulnerabilities)
- In-depth analysis of business logic review
- Usage optimization (only optional)
- The review of smart-contract owner's power or backdoors
- Private audit report containing all discovered smart contract issues.

Report Available at: [https://github.com/danbogd/EVAI\\_Audit](https://github.com/danbogd/EVAI_Audit)

# EVAI.io Team

**The EVAI.io Ratings System has been built on solid foundations by a highly experienced team of talented financial professionals.**

Using the **latest innovations** in cutting edge technology the team have collaborated, under the guidance of **Professor Andros Gregoriou** to deliver a breakthrough in Financial Ratings methodology that **delivers accurate, reliable and trusted guidance** to both personal investors, institutions and business users alike.



## EVAI.io Core Values

All our Founder members are professionals. In working together we wanted to consider values that are important to us all and imbibed them in our ways of working.

EVAI.io **will not accept any compensation from the companies or investments it rates** for issuing the rating. **Nor will it give them an opportunity** to preview the ratings or suppress their publication for any reason.



EVAI.io is totally independent and unbiased. EVAI.io works by creating incentives for participating users to want to provide input into the core development of the EVAI.io ratings protocol and platform.

- **Trust:** Is at the foundation of every successful business.
- **Integrity and collaboration:** We uphold the highest standards of integrity in all of our actions.
- **Respect for People:** We value our people, encourage their development and reward their performance.
- **Will to Win:** We exhibit a strong will to win in the marketplace and in every aspect of our business.
- **Commitment:** We develop relationships that make a positive difference.

## Prof. Andros Gregoriou

### Head of Investment Research

**Andros Gregoriou is a Professor of Finance and the Research Excellence Framework lead for Brighton Business School (University of Brighton, UK). A leading authority in finance, he has published 70 research papers in internationally recognized journals.**

**He is a regular consultant for the CFA, FCA and the London Stock Exchange and his visionary work has been presented and reviewed by the Bank of England financial stability policy group.**

His most notable work includes the (2011) Liquidity Asset Pricing Model and (2019) Seven Factor Pricing Model developed following analysis of over 80 years of data derived from all US listed securities between 1927-2014.

The studies undertaken by Professor Andros Gregoriou have inspired his thought leadership around liquidity and how it can be used to identify high performing prospects amongst 5,000 cryptocurrencies listed on leading exchange platforms globally.



## Matthew Dixon

### Founder, Chief Executive Officer

With over 30 years' experience since first becoming a regulated Financial Advisor in the UK, Matthew has designed and implemented the Falcon Systematic FX Strategy which has been crowned “Best Multi-Factor Macro Strategy” at the 2019 Alternative Investment Awards organized by Wealth and Finance.

He has managed a successful FINTECH Algorithmic Investment fund with an enviable performance record under FCA regulation. Prior to this recent venture, Matthew has successfully managed several funds for large profile institutions and has been a consultant to World Bank providing training to Banks in West Africa.



## EVAI.io Senior Team



**Arif Al Otaibi**

Co-Founder: Head of Corp.  
Strategy & Accounts



**Abdulrahman Al Otaibi**

Co-Founder, Lead  
Technology Officer



**Johnny Huntington**

Co-Founder, CIO



**Ian Hamilton**

Co-Founder: CMO



**Colin Smith**

Co-Founder, CFO



**Nick Hamilton**

Director of Communications



**Rob Haywood**

Senior Ratings Analyst



**Marsela Tafa**

Senior Data Analyst



**Matthew Gonsalves**

Community Manager



**Victoria Tanimowo**

Relationship Manager



Contact us for more details!

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