



Whitepaper 1.0

This whitepaper is a working document that is subject to review and changes

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ICO ISSUER



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CORPORATE DEVELOPMENT

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ABOUT US

Our consulting and audit solutions span critical Blockchain, Cryptocurrency and ICOs problems in finance, technology, business process, risk, compliance, operations and management. We have more than fourteen years auditing and implementing good practices. As an organization, we believe that by teaming together and our clients, we can see beyond the surface of changes and problems Blockchain, Cryptocurrency and ICOs projects face in this fast changing technology to discover opportunities others miss.

OUR VISION

Our vision is to position CertICO as the leader in consulting and auditing of Blockchain technology, helping to mitigate the major problems faced by entrepreneurs and companies that use this technology.

OUR EXPERIENCE

Our consultants and auditors have more than fourteen years of experience in the field of auditing and consulting finance and information technologies processes, also our team have international certifications such as CFA, CISA, CISM, CRISC, PMP, CISSP and CSM among others.

THE PROBLEM

Blockchain technology and cryptocurrencies are relatively new, as a result of this, many entrepreneurs and companies are being affected by technological, financial, operational, administrative, security and legal risks. Some critical problems have been identified, new problems that may arise have yet to be identified.

ICOs Ecosystem Problems.

- Only 41% of projects disclose information about funds allocation.
- On average 40% of ICO projects delete their social networks and website after one year the sale is over.
- Only 3% of ICO projects are able to be listed on major exchanges.
- On average, 67% of ICO projects remain in the "idea" stage.
- Only 2% of ICO and Blockchain projects request and conduct audit programs on a regular basis.
- As several ICO projects have failed to deliver or have been tarnished by fraud, the demand for Tokens has decreased.

Exchange Ecosystem Problems.

- \$292,665,886 USD worth of cryptocurrency were stolen from crypto exchanges in 2019.
- 510,000 user logins were stolen from crypto exchanges in 2019.
- In 2019, 12 crypto exchanges were hacked setting a new record.
- Only major exchanges implement AML and KYC controls.
- From 2011 to February 2020, 48 projects have been hacked (exchanges, wallets, ICO, mining marketplace)

Blockchain Ecosystem Problems.

- In 2017, three crypto Blockchain projects fell victim to 51% attacks worth of \$20,000,000 USD.
- Bugs in code and abuse of functionality impacted in the loss of \$ 24,000,000 USD.
- Absence of audits and assessments prior to the launch and updates of Blockchain and Smart Contracts.
- Absence of controls related to the hashing power rental and distribution of PoW, PoS, PoL, PoG, etc.
- Cryptojacking yearly cost to victims is largely unknown.

Audit Ecosystem Problems.

- Centralized “reputable” audit services in four firms known as The Big Four.
- High audit costs making it impossible for small projects to get audited and certified in good practices.
- Absence of a specific audit framework for Blockchain and cryptocurrency technology.
- Lack of auditing and governance of data and information in real-time.
- Professional skepticism towards Blockchain technology and cryptocurrencies.
- Lack of knowledge and understanding of these new technologies among consultants.

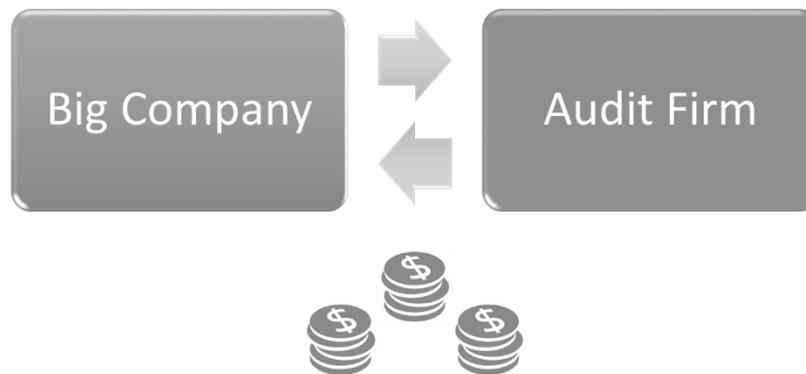
THE SOLUTION

- Decentralized, free and continuous audit programs for small, medium and large projects known as **Decentralized Audit Services or DAS System**.
- Development and implementation of a specific Blockchain, Cryptocurrency and ICO consulting and audit methodology known as the **DAS Standard**.
- Regular compliance audits including strategic plans and goals, project management and governance, budget and funding control, financial and IT risk assessment, continuity plan, security processes and controls, data and information, development and code, monitoring and support.
- Implementation of a Governance Model based on the DAS Standard, considering a set of controls over a Blockchain, Cryptocurrency and ICO projects regardless of their size, number of employees and stage in which they are.
- A new Certification Program ensuring that the proposed goals will be met and that the ROI will be obtained for investors and clients.
- Real- time audits of Blockchains and Smart Contracts using latest audit technology.

DAS SYSTEM

The DAS System is a decentralized, free and continuous audit and certification program for small, medium and large size projects and companies, based on a voting system.

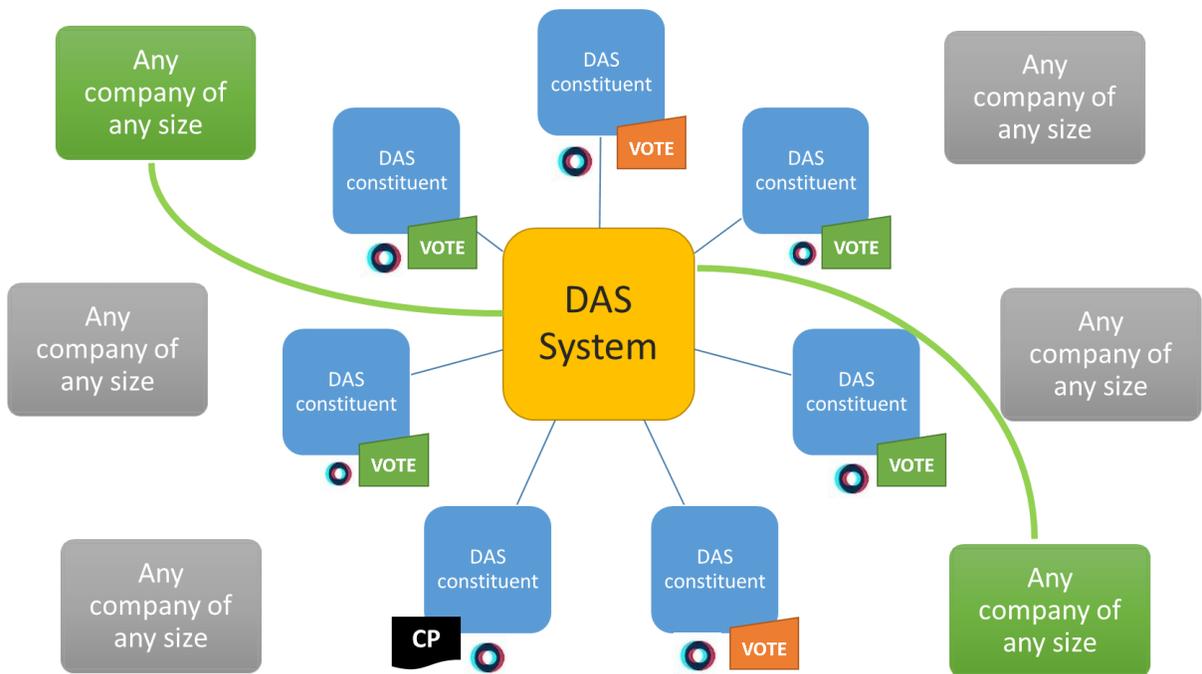
In traditional audits or certification programs, clients pay to request that large audit firms perform the consulting and auditing services, this leads to the big problem that only large companies can pay for those services:



CertICO and the DAS System is different, since through the DAS voting committee those projects that are candidates to be consulted and audited will be selected, so that small and medium size projects can be certified at no cost, benefiting them, their users and investors.

In general, a DAS constituent submits a Certification Proposal or CP, other DAS constituents can then vote in favor of or against the CP. Once the CP reaches a predefined threshold, the vote passes or fails and appropriate corresponding actions are taken. The more CERT Tokens a member of the DAS committee has, the more votes they can cast.

CertICO



In this way, the problem that only large companies can be certified or can request consulting and auditing services is solved, mitigating the risk that small companies or projects may not achieve their short and long-term objectives, and in turn are impacted by operational, technological, administrative or legal risks, being forced to close prematurely.

These are some of the benefits that the DAS System will provide:

- Decentralized selection of projects and companies that can be audited and certified at no cost.
- Identify ICOs that may be scams and that will negatively impact investors, customers and users.
- Discovery of new Crptocurrency and ICOs with real substance for digital investments.
- Help small and medium-sized companies to identify gaps in their technology and processes in order to implement general and specific control to close those gaps according to their needs.
- Build a good reputation in the Blockchain and Cryptocurrency industry decreasing the theft of information and money, as well as scams.
- Help position new projects by obtaining certifications, providing peace of mind to investors and clients and helping them to be listed on major exchanges.
- Identify in advance logical and physical security risks in small, medium and large projects avoiding financial losses.
- Proactively identify possible attacks on Blockchains and Cryptocurrency projects avoiding loss of reputation.
- Identify in real time deviations in the management of assets and funds alerting owners and investors.
- Pre-production protocol audits prior to its launch avoiding bugs and errors in production.
- Provide projects with the latest technology to review and audit their code, data and information.

GENERAL CERTIFICATION PROGRAM

The DAS Standard is the methodology designed by CertICO and is focused to audit and certify Blockchain, Cryptocurrency and ICO projects and companies. The DAS Standard contains more than 200 controls that need to be verified, depending on the level of certification.

CertICO Silver Level

1. Audit and verification of controls on the following items:

- Organizational structure
- Whitepaper and Roadmap established
- General IT controls
- General logic security controls
- General funding controls
- Among others.

2. Report on the observations and findings.

3. Report on the recommendations that need to be implemented in order to obtain the certification.

CertICO Gold Level

1. Audit and verification of controls on the following items:

- Organizational and functional structure
- Whitepaper and Roadmap established and its compliance
- Policies and procedures established
- General and detailed IT controls
- General and detailed Logic Security controls
- General and detailed financial and funding controls
- Among others.

2. Report on the observations and findings.

3. Report on the recommendations that need to be implemented in order to obtain the certification.

CertICO Platinum Level

1. Audit and verification of the Government Model implemented including:

- Detailed and legal information on the registration of the company
- Onsite validation of facilities and infrastructure
- Detailed information on shareholders and distribution of funds
- Organizational and functional structure, roles and responsibilities established
- Established roadmap, its compliance and strategic planning
- Policies and procedures established, as well as their compliance
- General and detailed IT controls
- General and detailed controls of logical and physical security
- General and detailed financial and funding controls
- Anti-fraud and money laundering controls
- Financial, legal, operational and technological risk management
- Among others.

2. Report on the observations and findings.

3. Report on the recommendations that need to be implemented in order to obtain the certification.

It is recommended to carry out the certifications in consecutive order, however if a company is large and the DAS committee believes that it can meet the Platinum level of certification, it can directly request this level of certification.

AUDIT TECHNOLOG

This is some of the technology that CertICO will use to carry out the consulting and auditing of Blockchain technology:

- ◉ VS Code Visual Auditor
- ◉ Surya
- ◉ IDEA
- ◉ Karl
- ◉ AraGraph
- ◉ Legions
- ◉ Theo
- ◉ Pyetherchain
- ◉ Smart Contract Sanctuary
- ◉ Ethereum DASM
- ◉ MythX
- ◉ Mythril
- ◉ Chainalysis
- ◉ GraphQL

CERT TOKENS

The CERT Token is the heart of the DAS System. Below is the distribution of the CERT Tokens:



- Token type: ERC20
- Token name: CERT
- Token symbol: CERT
- Total supply: 200,000,000 CERT
- Token price: 1 ETH = 10,000 CERT

We will continue to advance in the development and implementation of this project and conduct audits even when our ICO objectives are not met, thereby ensuring the long-term value of the CERT Token, the DAS System, and the DAS Standard.

ROADMAP



Dates are subject to change and can be advanced depending on the integration with the Token Sale Platform.

DISCLAIMER

Buyers will need to represent that the purchase of CERT Tokens hereunder do not violate any regulations in their country of residence or formation. This whitepaper, including the disclaimers, should be carefully read with the assistance of appropriate advisors.

Buyers should consult a lawyer, accountant, tax professional and/or any other professional advisors as necessary prior to determining whether to purchase CERT Tokens.

CertICO don't make any warranties or representations as to the success of the development or implementation of such methodology and system, or achievement of any other activities as are noted in this white paper and roadmap, and disclaim any warranties or representations implied by law or otherwise, to the extent permitted by law.

CertICO, its president, vice president, directors, employees, contractors, and representatives have no responsibility or liability to any person or recipient (whether because of negligence, negligent misstatement or otherwise) arising from any statement, opinion or information, expressed or implied, arising out of, contained in or derived from or omission from this paper.

While much of CertICO roadmap and methodology is currently defined and operational, some of the features and innovations outlined in this paper are still under development.

By purchasing, holding and using CERT Tokens, you expressly acknowledge and assume the following risks:

- ⦿ Risk of Losing Access to CERT Tokens Due to Loss of Private Key(s), Custodial Error or Purchaser Error.
- ⦿ Risks Associated with the Ethereum Protocol (any malfunction, bug or breakdown).
- ⦿ Risk of hacking and security weaknesses (malware attacks, denial of service attacks, consensus based attacks, sybil attacks, smurfing and spoofing among others).
- ⦿ Risks arising from taxation.
- ⦿ Risk of an unfavorable fluctuation of Ether and CERT price.

- Cancellation and refusal of purchase requests. Your purchase of CERT Tokens from us during the Pre-Sale and Sale period is final, and there are no refunds or cancellations.

The DAS System and DAS Standard are trademarks registered by CertICO. This white paper (ver. 1.0), as well as related terms and conditions may be modified in the future due to new regulatory and compliance requirements.



Decentralized Audit Services (DAS)

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