



Royalproof

Security Audit Report



Completed on
06,03,2023



OVERVIEW

This audit has been prepared for RioGreen to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“The results of this audit are purely based on the team’s evaluation and does not guarantee nor reflect the projects outcome and goal ”

- RoyalProof Team -



TABLE OF CONTENTS

OVERVIEW	2
TABLE OF CONTENTS	3
PROJECT DESCRIPTION	4
CONTRACT INFO	5
OUR CONTRACT REVIEW PROCESS	6
CURRENT STATS	7
TOKEN TRANSFERS STATS	8
SMART CONTRACT STATS	8
FEATURED WALLETS	9
VULNERABILITY CHECK	10
THREAT LEVELS	11
WEBSITE	12
SOCIAL MEDIA& ONLINE PRESENCE	13
DISCLAIMER	15



PROJECT DESCRIPTION

According to their website: catceo is the leading stable coin reflect token.

Category: NFT





CONTRACT INFO

Token Name	CAT CEO
Symbol	CATCEO
Contract Address	0x4937e7D93dd8d8e76Eb83659F109Cdc633FfDEe9
Decimals	9
Token Address	https://bscscan.com/address/0x4937e7D93dd8d8e76Eb83659F109Cdc633FfDEe9
checksum	388560a874c128a9b7669f396b80ede50a44d6ce
Owner	0xca94554ea45D90897F46F7d12aff87e4f2D997c1
Total Supply	420,000,000,000,000,000
Deployer	0xca94554ea45D90897F46F7d12aff87e4f2D997c1

TAXES

Buy Tax	10%
Sell Tax	10%
Transfer fess	10%



Our Contract Review Process

The contract review process pays special attention to the following:

Testing the smart contracts against both common and uncommon vulnerabilities

- ❖ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ❖ Ensuring contract logic meets the specifications and intentions of the client.
- ❖ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ❖ Thorough line-by-line manual review of the entire codebase by industry experts.

- ❖ Blockchain security tools used:
 - ✓ Open Zeppelin
 - ✓ Mythril
 - ✓ Solidity Compiler
 - ✓ Hardhat



CURRENT STATS

(As of march 6, 2023)

Fee privilege: static fees

Ownership: owned

Minting: no mint function

MaxTxAmount: No limit

Blacklist: No

Other Privileges: including and excluding from rewards and fees



TOKEN TRANSFERS STATS

Transfer Count	No data points found for the current time series.
Uniq Senders	No data points found for the current time series.
Uniq Receivers	No data points found for the current time series.
Total Amount	No data points found for the current time series.
Median Transfer Amount	No data points found for the current time series.
Average Transfer Amount	No data points found for the current time series.
First transfer date	No data points found for the current time series.
Last transfer date	No data points found for the current time series.
Days token transferred	No data points found for the current time series.

SMART CONTRACT STATS

Calls Count	No data points found for the current time series.
External calls	No data points found for the current time series.
Internal calls	No data points found for the current time series.
Transactions count	No data points found for the current time series.
Uniq Callers	No data points found for the current time series.
Days contract called	No data points found for the current time series.
Last transaction time	No data points found for the current time series.
Created	No data points found for the current time series.
Create TX	No data points found for the current time series.
Creator	No data points found for the current time series.



FEATURED WALLETS

Owner address	Oxca94554ea45D90897F46F7d12aff87e4f2D997c1
Deployer	Oxca94554ea45D90897F46F7d12aff87e4f2D997c1
LP address	Ox4937e7D93dd8d8e76E b83659F109Cdc633FfDEe9

*Address can be changed in future



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer Overflow and Underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front Running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk-free factor.



Website

Website URL	Catceo.net
-------------	------------

Domain Registry	2023-03-01
-----------------	------------

Domain Expiration	2024-03-01
-------------------	------------

Technical SEO Test	Passed
--------------------	--------

Design

- Very nice color scheme and overall layout.

Whitepaper

- Well written, explanatory.
- The information helps new investors understand what the product does right away. No grammar mistakes found..

Content

Roadmap

- Yes, goals set without time frames..

Mobile-friendly?.

- Yes

Catceo.io



SOCIAL MEDIA& ONLINE PRESENCE

ANALYSIS

Project's social media pages are very active with activity from organic users



Twitter : @CatCeoBSC

- 672 Followers
- Very active
- Posts few times a day



Telegram : @catceo_global

- 1444 members
- Active members
- Active mods



ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

RoyalProof

CRYPTO SECURITY

**Audits | KYCs | dApps
Contract Development**

FIND US ONLINE



<https://royalproof.net/>



@RoyalproofAudit



@RoyalProofOfficial



<https://github.com/Royal-Proof>



@RoyalProofAudit



@Royalproof_Admin



Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

DISCLAIMER:

By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice.

No one shall have any right to rely on the report or its contents, and Royal Proof and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (Royal Proof) owe no duty of care towards you or any other person, nor does Royal Proof make any warranty or representation to any person on the accuracy or completeness of the report.

The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and Royal Proof hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, Royal Proof hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against Royal Proof, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. The analysis of the security is purely based on the smart contracts, website, social media and team.

No applications were reviewed for security. No product code has been reviewed.