



SMART CONTRACT SECURITY ASSESSMENT

PROJECT:

EYEA1

DATE:

12 DECEMBER, 2022

✉ https://t.me/William_SafuAudit

🌐 www.safuaudit.com

INTRODUCTION

Client	EyeAI
Language	Solidity
Contract Address	0x5ea770bc0a0486e838208Eb09f83788632c41210
Owner	Not Owned
Deployer	0x8F40A2C1649243a15dd61176BAffFD2E6Ccc1955
SHA-256 Hash	36c4cd4b6f538378f4fdf4eee9fefb8f5ab299db
Decimals	18
Supply	500000
Platform	Binance Smart Chain
Compiler	v0.8.16+commit.07a7930e
Optimization	Yes with 200 runs
Website	https://eyeai.technology/
Twitter	https://twitter.com/EYE_AI
Telegram	https://t.me/eye_ai



OVERVIEW

Fees

- ◆ Buy fees: 0%
- ◆ Sell fees: 0%

Fees privileges

- ◆ There are no fees

Ownership

- ◆ No owner

Minting

- ◆ No

Max Tx Amount

- ◆ Can't set max Tx

Pause

- ◆ Can't pause

Blacklist

- ◆ Can't blacklist

Other Privileges



TABLE OF CONTENTS

01 Intro

Introduction

Overview

Risk classification

02 Contract inspection

Contract Inspection

Inheritance Tree

04 Findings

Vulnerabilities Test

Findings list

Issues description

05 Conclusions

Disclaimer

Rating

Conclusion



RISK CLASSIFICATION

CRITICAL

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

MEDIUM

Issues on this level could potentially bring problems and should eventually be fixed.

MINOR

Issues on this level are minor details and warning that can remain unfixed but would be better fixed at some point in the future

INFORMATIONAL

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



CONTRACT INSPECTION

```
| File Name | SHA-1 Hash |
|-----|-----|
| EYEAIToken.sol | 36c4cd4b6f538378f4fdf4eee9fefb8f5ab299db |
```

Contracts Description Table

```
| Contract | Type | Bases | Mutability | Modifiers | |
|---|---|---|---|---|---|
| L | **Function Name** | **Visibility** | **Mutability** | **Modifiers** |
| **IERC20** | Interface | | | |
| **IERC20Metadata** | Interface | IERC20 | | |
| **Context** | Implementation | | | |
| **ERC20** | Implementation | Context, IERC20, IERC20Metadata | | |
| L | <Constructor> | Public | NO | |
| L | name | Public | NO | |
| L | symbol | Public | NO | |
| L | decimals | Public | NO | |
| L | totalSupply | Public | NO | |
| L | balanceOf | Public | NO | |
| L | transfer | Public | NO | |
| L | allowance | Public | NO | |
| L | approve | Public | NO | |
| L | transferFrom | Public | NO | |
| L | increaseAllowance | Public | NO | |
| L | decreaseAllowance | Public | NO | |
| L | _transfer | Internal | | | |
| L | _mint | Internal | | | |
| L | _burn | Internal | | | |
| L | _approve | Internal | | | |
| L | _beforeTokenTransfer | Internal | | | |
| L | _afterTokenTransfer | Internal | | | |
| | | | |
| **EYEAIToken** | Implementation | ERC20 | | |
| L | <Constructor> | Public | ERC20 | |
```



FINDINGS

ID	Category	Issue	Severity
CS-01	Coding Standards	Dead Code	Optimization



CS-01 DEAD CODE

Lines # 156-171

Description

_burn(address,uint256) function is never used and can be removed

Recommendation

Remove unused function.



DISCLAIMER

SafuAudit.com is not a financial institution and the information provided on this website does not constitute investment advice, financial advice, trading advice, or any other sort of advice. You should not treat any of the website's content as such. Investing in crypto assets carries a high level of risk and does not hold guarantees for not sustaining financial loss due to their volatility.

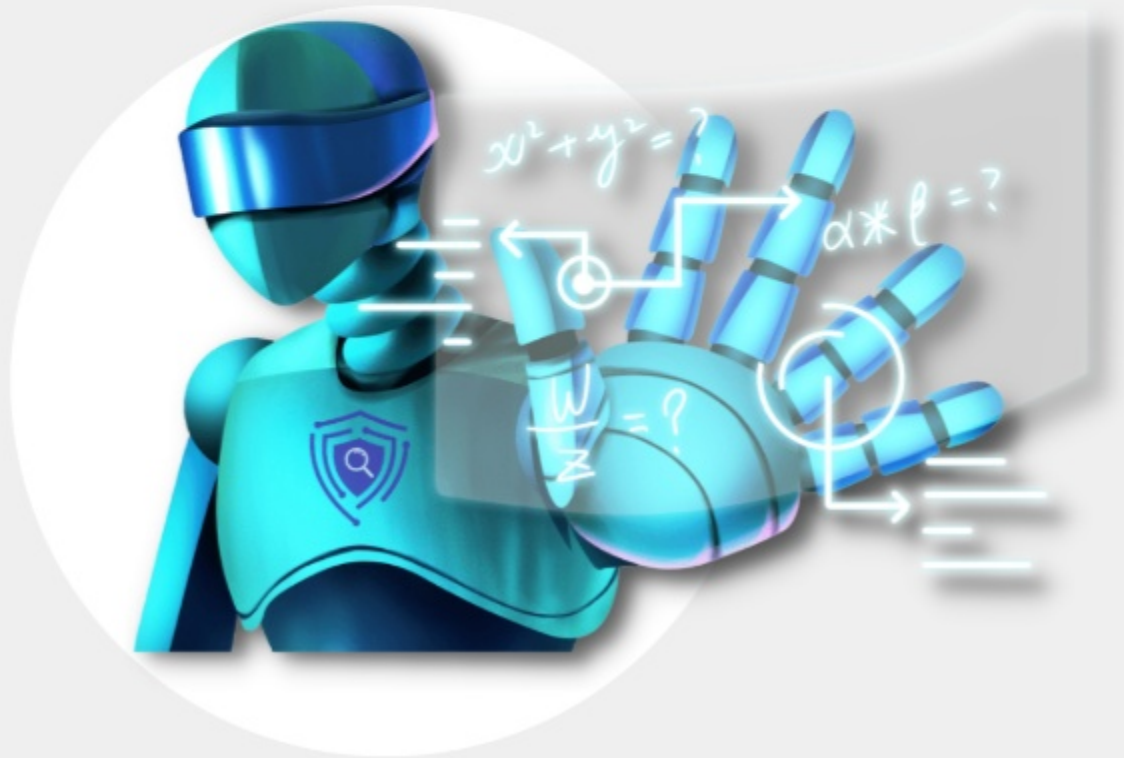
Accuracy of Information

SafuAudit will strive to ensure the accuracy of the information listed on this website although it will not hold any responsibility for any missing or wrong information. SafuAudit provides all information as is. You understand that you are using any and all information available here at your own risk. Any use or reliance on our content and services is solely at your own risk and discretion.

The purpose of the audit is to analyze the on-chain smart contract source code and to provide a basic overview of the project.

While we have used all the information available to us for this straightforward investigation, you should not rely on this report only — we recommend proceeding with several independent audits. Be aware that smart contracts deployed on a blockchain aren't secured enough against external vulnerability or a hack. Be aware that active smart contract owner privileges constitute an elevated impact on the smart contract safety and security. Therefore, SafuAudit does not guarantee the explicit security of the audited smart contract. The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.





"Only in growth, reform, and change, paradoxically enough, is true security to be found."

