



# SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



## DexEye

\$DEYE

28/04/2024



# TOKEN OVERVIEW

---

## Fees

- Buy fees: 3%
- Sell fees: 3%

## Fees privileges

- Can't change fees

## Ownership

- Owned

## Minting

- No mint function

## Max Tx Amount / Max Wallet Amount

- Can't change max tx amount and / or max wallet amount

## Blacklist

- Blacklist function not detected

## Other privileges

- Can exclude / include from fees
  - Can exclude / include from tx limitations
  - Contract owner has to call launchTrading function to enable trade
-

# TABLE OF CONTENTS

1

DISCLAIMER

2

INTRODUCTION

3

WEBSITE + SOCIALS

4-5

AUDIT OVERVIEW

6-8

OWNER PRIVILEGES

9

CONCLUSION AND ANALYSIS

10

TOKEN DETAILS

11

DEYE TOKEN ANALYTICS &  
TOP 10 TOKEN HOLDERS

12

TECHNICAL DISCLAIMER



# DISCLAIMER

The information provided on this analysis document is only for general information and should not be used as a reason to invest.

FreshCoins Team will take no payment for manipulating the results of this audit.

The score and the result will stay on this project page information on our website <https://freshcoins.io>

FreshCoins Team does not guarantees that a project will not sell off team supply, or any other scam strategy ( RUG or Honeypot etc )



# INTRODUCTION

**FreshCoins** (Consultant) was contracted by **DexEye** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

**0x70F710F5f6990De5bd77110E47eD1AbAc66Ac7F3**

Network: **Ethereum (ETH)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **28/04/2024**



# WEBSITE DIAGNOSTIC

<https://dexeye.app/>



0-49



50-89



90-100



Performance



Accessibility



Best  
Practices



SEO



Progressive  
Web App

## Socials



Twitter

<https://twitter.com/dexeyeth>



Telegram

<https://t.me/dexeyeth>

# AUDIT OVERVIEW



Security Score



Static Scan

Automatic scanning for common vulnerabilities



ERC Scan

Automatic checks for ERC's conformance



High



Medium



Low



Optimizations



Informational



| No. | Issue description              | Checking Status |
|-----|--------------------------------|-----------------|
| 1   | Compiler Errors / Warnings     | Passed          |
| 2   | Reentrancy and Cross-function  | Passed          |
| 3   | Front running                  | Low             |
| 4   | Timestamp dependence           | Passed          |
| 5   | Integer Overflow and Underflow | Passed          |
| 6   | Reverted DoS                   | Passed          |
| 7   | DoS with block gas limit       | Passed          |
| 8   | Methods execution permissions  | Passed          |
| 9   | Exchange rate impact           | Passed          |
| 10  | Malicious Event                | Passed          |
| 11  | Scoping and Declarations       | Passed          |
| 12  | Uninitialized storage pointers | Passed          |
| 13  | Design Logic                   | Passed          |
| 14  | Safe Zeppelin module           | Passed          |



# OWNER PRIVILEGES

- **Contract owner can't mint tokens after initial contract deploy**
- **Contract owner can't exclude an address from transactions**
- **Contract owner can exclude/include wallet from tax**

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    _isExcludedFromFees[account] = excluded;
    emit ExcludeFromFees(account, excluded);
}
```

- **Contract owner can exclude/include wallet from tx limitations**

```
function excludeFromMaxTransaction(address updAds, bool isEx) public onlyOwner {
    _isExcludedMaxTransactionAmount[updAds] = isEx;
    emit ExcludeFromMaxTransaction(updAds, isEx);
}
```

- **Contract owner has to call `launchTrading` function to enable trade**

Please note that any wallet excluded from fees retains the ability to engage in trading, even in situations where trading has been disabled

```
function launchTrading() external onlyOwner {
    emit LaunchTrading(true);
    tradingActive = true;
    swapEnabled = true;
}

_transferFrom function line 1201
.
.
.
if (!tradingActive) {
    require(
        _isExcludedFromFees[from] || _isExcludedFromFees[to],
        "Trading is not active!"
    );
}
.
.
.
```

## ● Contract owner can transfer ownership

```
function transferOwnership(address newOwner) public virtual onlyOwner {
    require(
        newOwner != address(0),
        "Ownable: new owner is the zero address"
    );
    _transferOwnership(newOwner);
}

function _transferOwnership(address newOwner) internal virtual {
    address oldOwner = _owner;
    _owner = newOwner;
    emit OwnershipTransferred(oldOwner, newOwner);
}
```

## ● Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {
    _transferOwnership(address(0));
}
```

### **Recommendation:**

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. The risk can be prevented by temporarily locking the contract or renouncing ownership.



# CONCLUSION AND ANALYSIS



Smart Contracts within the scope were manually reviewed and analyzed with static tools.



Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.



Found 1 HIGH issues during the first review.

# TOKEN DETAILS

## Details

|            |         |
|------------|---------|
| Buy fees:  | 3%      |
| Sell fees: | 3%      |
| Max TX:    | 200.000 |
| Max Sell:  | 200.000 |

## Honeypot Risk

|                  |              |
|------------------|--------------|
| Ownership:       | Owned        |
| Blacklist:       | Not detected |
| Modify Max TX:   | Not detected |
| Modify Max Sell: | Not detected |
| Disable Trading: | Not detected |

## Rug Pull Risk

|            |                     |
|------------|---------------------|
| Liquidity: | Uniswap             |
| Holders:   | 21% unlocked tokens |



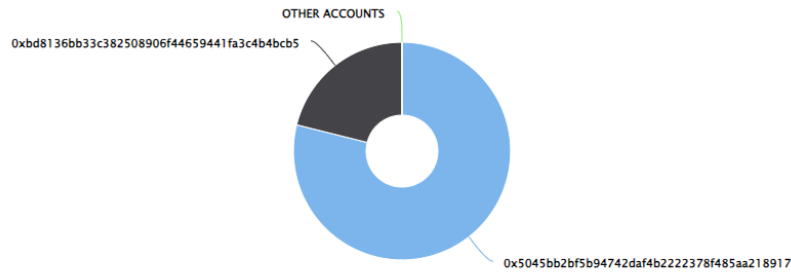
# DEYE TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (10,000,000.00 Tokens) of DexEye

Token Total Supply: 10,000,000.00 Token | Total Token Holders: 2

## DexEye Top 10 Token Holders

Source: Etherscan.io



(A total of 10,000,000.00 tokens held by the top 10 accounts from the total supply of 10,000,000.00 token)

| Rank | Address                                | Quantity (Token) | Percentage |
|------|----------------------------------------|------------------|------------|
| 1    | <a href="#">0x5045bb2b...5aa218917</a> | 7,889,550        | 78.8955%   |
| 2    | <a href="#">0xbd8136Bb...3C4b4BcB5</a> | 2,110,450        | 21.1045%   |

# TECHNICAL DISCLAIMER

Smart contracts are deployed and executed on the blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. The audit can't guarantee the explicit security of the audited project / smart contract.

