



# Cyberscope

A *TAC Security* Company

## Audit Report

# Digi Folio Token

January 2026

Network    BSC

Address    0x073e7e634bbd1757887beda2153c77b7761019c2

Audited by    © cyberscope

# Analysis

● Critical   ● Medium   ● Minor / Informative   ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

# Diagnostics

● Critical   ● Medium   ● Minor / Informative

Severity	Code	Description	Status
●	NWES	Nonconformity with ERC-20 Standard	Unresolved
●	L04	Conformance to Solidity Naming Conventions	Unresolved

# Table of Contents

<b>Analysis</b>	<b>1</b>
<b>Diagnostics</b>	<b>2</b>
<b>Table of Contents</b>	<b>3</b>
<b>Risk Classification</b>	<b>4</b>
<b>Review</b>	<b>5</b>
Audit Updates	5
Source Files	5
<b>Findings Breakdown</b>	<b>6</b>
NWES - Nonconformity with ERC-20 Standard	7
Description	7
Recommendation	7
L04 - Conformance to Solidity Naming Conventions	8
Description	8
Recommendation	9
<b>Functions Analysis</b>	<b>10</b>
<b>Inheritance Graph</b>	<b>11</b>
<b>Flow Graph</b>	<b>12</b>
<b>Summary</b>	<b>13</b>
<b>Disclaimer</b>	<b>14</b>
<b>About Cyberscope</b>	<b>15</b>

# Risk Classification

The criticality of findings in Cyberscope's smart contract audits is determined by evaluating multiple variables. The two primary variables are:

1. **Likelihood of Exploitation:** This considers how easily an attack can be executed, including the economic feasibility for an attacker.
2. **Impact of Exploitation:** This assesses the potential consequences of an attack, particularly in terms of the loss of funds or disruption to the contract's functionality.

Based on these variables, findings are categorized into the following severity levels:

1. **Critical:** Indicates a vulnerability that is both highly likely to be exploited and can result in significant fund loss or severe disruption. Immediate action is required to address these issues.
2. **Medium:** Refers to vulnerabilities that are either less likely to be exploited or would have a moderate impact if exploited. These issues should be addressed in due course to ensure overall contract security.
3. **Minor:** Involves vulnerabilities that are unlikely to be exploited and would have a minor impact. These findings should still be considered for resolution to maintain best practices in security.
4. **Informative:** Points out potential improvements or informational notes that do not pose an immediate risk. Addressing these can enhance the overall quality and robustness of the contract.

Severity	Likelihood / Impact of Exploitation
● Critical	Highly Likely / High Impact
● Medium	Less Likely / High Impact or Highly Likely/ Lower Impact
● Minor / Informative	Unlikely / Low to no Impact

## Review

Contract Name	DigiFolioToken
Compiler Version	v0.8.19+commit.7dd6d404
Optimization	200 runs
Explorer	<a href="https://bscscan.com/address/0x073e7e634bbd1757887beda2153c77b7761019c2">https://bscscan.com/address/0x073e7e634bbd1757887beda2153c77b7761019c2</a>
Address	0x073e7e634bbd1757887beda2153c77b7761019c2
Network	BSC
Symbol	DGFL
Decimals	8
Total Supply	500,000,000

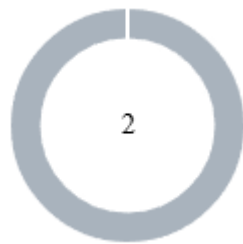
## Audit Updates

Initial Audit	30 Apr 2024 <a href="https://github.com/cyberscope-io/audits/blob/main/dgfl/v1/audit.pdf">https://github.com/cyberscope-io/audits/blob/main/dgfl/v1/audit.pdf</a>
Corrected Phase 2	01 May 2024 <a href="https://github.com/cyberscope-io/audits/blob/main/dgfl/v2/audit.pdf">https://github.com/cyberscope-io/audits/blob/main/dgfl/v2/audit.pdf</a>
Corrected Phase 3	19 Jan 2026

## Source Files

Filename	SHA256
DigiFolioToken.sol	04d998f3f54c6e2713fb6e37e5293c2a9c16d91a63316ccb5cc50d164e9ae35e

## Findings Breakdown



● Critical	0
● Medium	0
● Minor / Informative	2

Severity	Unresolved	Acknowledged	Resolved	Other
● Critical	0	0	0	0
● Medium	0	0	0	0
● Minor / Informative	2	0	0	0

## NWES - Nonconformity with ERC-20 Standard

<b>Criticality</b>	Minor / Informative
<b>Location</b>	DigiFolioToken.sol#L117
<b>Status</b>	Unresolved

### Description

The contract does not fully conform to the ERC20 Standard. Specifically, according to the standard, transfers of 0 values must be treated as normal transfers and fire the Transfer event. However, the contract implements a conditional check that prohibits transfers of 0 values. This discrepancy between the contract's implementation and the ERC20 standard may lead to inconsistencies and incompatibilities with other contracts.

Shell

```
function _transfer(address from, address to,  
uint256 amount) private {  
    ...  
    require(amount > 0, "ERC20: amount zero");  
}
```

### Recommendation

The incorrect implementation of the ERC20 standard could potentially lead to problems when interacting with the contract, as other contracts or applications that expect the ERC20 interface may not behave as expected. The team is advised to review and revise the implementation of the transfer mechanism to ensure full compliance with the ERC20 standard. <https://eips.ethereum.org/EIPS/eip-20>.



## L04 - Conformance to Solidity Naming Conventions

<b>Criticality</b>	Minor / Informative
<b>Location</b>	DigiFolioToken.sol#L61,62,64,65
<b>Status</b>	Unresolved

### Description

The Solidity style guide is a set of guidelines for writing clean and consistent Solidity code. Adhering to a style guide can help improve the readability and maintainability of the Solidity code, making it easier for others to understand and work with.

The followings are a few key points from the Solidity style guide:

1. Use camelCase for function and variable names, with the first letter in lowercase (e.g., myVariable, updateCounter).
2. Use PascalCase for contract, struct, and enum names, with the first letter in uppercase (e.g., MyContract, UserStruct, ErrorEnum).
3. Use uppercase for constant variables and enums (e.g., MAX\_VALUE, ERROR\_CODE).
4. Use indentation to improve readability and structure.
5. Use spaces between operators and after commas.
6. Use comments to explain the purpose and behavior of the code.
7. Keep lines short (around 120 characters) to improve readability.

Shell

```
uint8 private constant _decimals = 8
uint256 private constant _tTotal = 500_000_000 *
10 ** _decimals
string private constant _name = "DigiToken"
string private constant _symbol = "DGFL"
```

## Recommendation

By following the Solidity naming convention guidelines, the codebase increased the readability, maintainability, and makes it easier to work with.

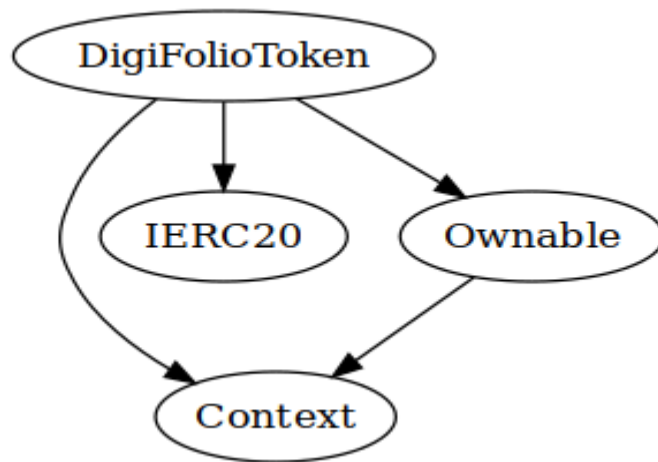
Find more information on the Solidity documentation

<https://docs.soliditylang.org/en/stable/style-guide.html#naming-conventions>.

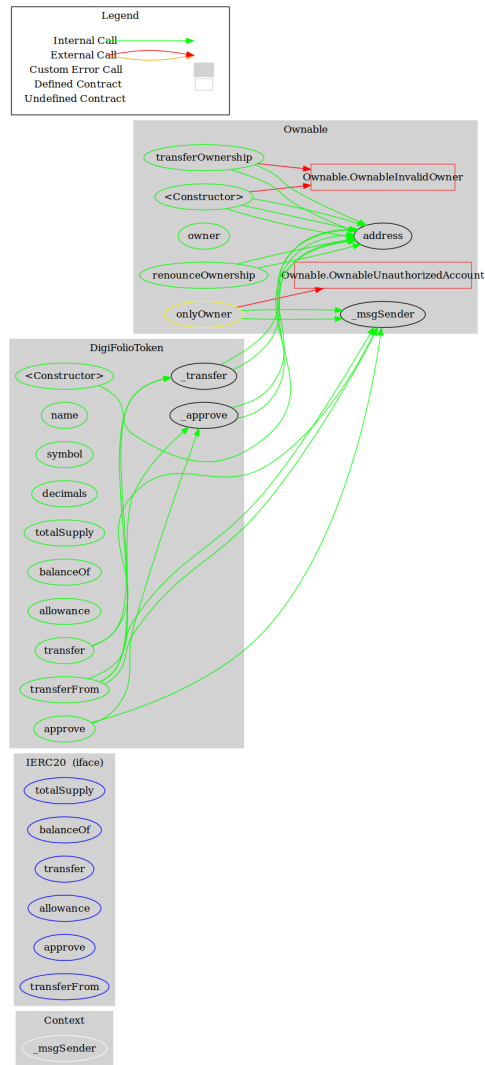
# Functions Analysis

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
DigiFolioToken	Implementation	Context, IERC20, Ownable		
		Public	✓	Ownable
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	allowance	Public		-
	transfer	Public	✓	-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	_transfer	Private	✓	
	_approve	Private	✓	

## Inheritance Graph



## Flow Graph



## Summary

DigiToken contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. DigiToken is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues.

## Disclaimer

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Blockchain technology and cryptographic assets present a high level of ongoing risk. Cyberscope's position is that each company and individual are responsible for their own due diligence and continuous security. Cyberscope's goal is to help reduce the attack vectors and the high level of variance associated with utilizing new and consistently changing technologies and in no way claims any guarantee of security or functionality of the technology we agree to analyze. The assessment services provided by Cyberscope are subject to dependencies and are under continuing development. You agree that your access and/or use including but not limited to any services reports and materials will be at your sole risk on an as-is where-is and as-available basis. Cryptographic tokens are emergent technologies and carry with them high levels of technical risk and uncertainty. The assessment reports could include false positives, false negatives and other unpredictable results. The services may access and depend upon multiple layers of third parties.

# About Cyberscope

Cyberscope is a TAC blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



A **TAC Security** Company

The Cyberscope team

[cyberscope.io](https://cyberscope.io)