



# Virtual Trader Smart Contract Audit Report

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# AUDITED DETAILS

## Audited Project

Project name	Token ticker	Blockchain
Virtual Trader	\$VTR	BSC

## Addresses

Contract address	0x768ED2E8B05E3C1FD8361f1BA769750E108D7AF4
Contract deployer address	0xa4c03C4e2ba073C8604853eec07eE09c70C4f56D

## Project Website

<https://virtualtrader.app/>

## Codebase

<https://bscscan.com/address/0x768ED2E8B05E3C1FD8361f1BA769750E108D7AF4#contracts>

# SUMMARY

Virtual Trader (\$VTR) is a worldwide P2P exchange, providing cryptocurrency trading and investment solutions, completely FREE of intermediaries. With the \$VTR token investors will have access to: Stake \$VTR | Swap | Farm | Brigde | Credit Card \$VTR | Governance \$VTR | NFT's | all these functions fully audited and verified KYC & Audit | ZERO Fee for Buying and selling | Marketing Schedule, fully aggressive, with influencer's and AMA's of voices | CMC & CG LISTED | ICO at CMC.

## Contract Summary

### Documentation Quality

Virtual Trader provides a very good documentation with standard of solidity base code.

- The technical description is provided clearly and structured and also dont have any high risk issue.

### Code Quality

The Overall quality of the basecode is GOOD.

- Solidity basecode and rules are clearly followed with Virtual Trader.

### Test Coverage

Test coverage of the project is 100% ( Through Codebase )

## Audit Findings Summary

We didn't find any issues in our audit results for Virtual Trader smart contracts. This result is very satisfying. Judging from the code base of this smart contract, this smart contract follows the official Solidity style guide.

## CONCLUSION

We have audited the Virtual Trader project which has released on January 2023 to discover issues and identify potential security vulnerabilities in Virtual Trader Project. This process is used to find technical issues and security loopholes that find some common issues in the code.

The security audit report produced satisfactory results no issues found.

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# AUDIT RESULT

Article	Category	Description	Result
Default Visibility	SWC-100 SWC-108	Functions and state variables visibility should be set explicitly. Visibility levels should be specified consciously.	PASS
Integer Overflow and Underflow	SWC-101	If unchecked math is used, all math operations should be safe from overflows and underflows.	PASS
Outdated Compiler Version	SWC-102	It is recommended to use a recent version of the Solidity compiler.	PASS
Floating Pragma	SWC-103	Contracts should be deployed with the same compiler version and flags that they have been tested thoroughly.	PASS
Unchecked Call Return Value	SWC-104	The return value of a message call should be checked.	PASS
SELFDESTRUCT Instruction	SWC-106	The contract should not be self-destructible while it has funds belonging to users.	PASS
Reentrancy	SWC-107	Check effect interaction pattern should be followed if the code performs recursive call.	PASS
Assert Violation	SWC-110	Properly functioning code should never reach a failing assert statement.	PASS
Deprecated Solidity Functions	SWC-111	Deprecated built-in functions should never be used.	PASS
Delegate call to Untrusted Caller	SWC-112	Delegatecalls should only be allowed to trusted addresses.	PASS
DoS (Denial of Service)	SWC-113 SWC-128	Execution of the code should never be blocked by a specific contract state unless required.	PASS
Race Conditions	SWC-114	Race Conditions and Transactions Order Dependency should not be possible.	PASS

Authorization through tx.origin	SWC-115	tx.origin should not be used for authorization.	PASS
Block values as a proxy for time	SWC-116	Block numbers should not be used for time calculations.	PASS
Signature Unique ID	SWC-117 SWC-121 SWC-122	Signed messages should always have a unique id. A transaction hash should not be used as a unique id.	PASS
Shadowing State Variable	SWC-119	State variables should not be shadowed.	PASS
Weak Sources of Randomness	SWC-120	Random values should never be generated from Chain Attributes or be predictable.	PASS
Incorrect Inheritance Order	SWC-125	When inheriting multiple contracts, especially if they have identical functions, a developer should carefully specify inheritance in the correct order. The rule of thumb is to inherit contracts from more /general/ to more /specific/.	PASS

# SMART CONTRACT ANALYSIS

Started	Mon Jan 09 2023 22:27:40 GMT+0000 (Coordinated Universal Time)
Finished	Tue Jan 10 2023 01:02:50 GMT+0000 (Coordinated Universal Time)
Mode	Standard
Main Source File	VTRToken.sol

## Detected Issues

We didn't find any issues in this smart contract.



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This is a limited report on our findings based on our analysis, in accordance with good industry practice as of the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the 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 below disclaimer below – please make sure to read it in full.

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## ABOUT US

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