



AUDIT REPORT

SecureWise

SMART CONTRACT AUDIT






 <https://github.com/securewise>
 <https://t.me/securewise>
 <https://securewise.info/>



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Disclaimer

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Overview

Token Name: ALTN

Methodology: Automated Analysis, Manual Code Review

Language: Solidity

Contract Address: 0x9664c0182b96cB26eB7DAf7d279328418C464142

ContractLink: <https://bscscan.com/address/0x9664c0182b96cB26eB7DAf7d279328418C464142>

Network: Binance Smart Chain (BSC)

Decimals: 7

Supply: 7.000.000.000

Website: <https://altntoken.org/>

Twitter: <https://twitter.com/AltnProject>

Telegram: https://t.me/altn_project

Report Date: September 13, 2022

Quick Result

SecureWise has applied the automated and manual analysis of Smart Contract and were reviewed for common contract vulnerabilities and centralized exploits

Owner Privileges

There is no Owner privileges



ALTYN has successfully **PASSED** the smart contract audit

Auditing Approach and Methodologies

SecureWise has performed starting with analyzing the code, issues, code quality, and libraries. Reviewed line-by-line by our team. Finding any potential issue like race conditions, transaction-ordering dependence, timestamp dependence, and denial of service attacks.

Methodology

- Understanding the size, scope and functionality of your project's source code
- Manual review of code, which is the process of reading source code line-by-line in an attempt to identify potential vulnerabilities.
- Testing and automated analysis of the Smart Contract to determine proper logic has been followed throughout the whole process
- Deploying the code on testnet using multiple live test
- Analyzing a program to determine the specific input that causes different parts of a program to execute its functions.
- Checking whether all the libraries used in the code are on the latest version.

Goals

Smart Contract System is secure, resilient and working according to the specifications and without any vulnerabilities.



Risk Classification











































High: Exploits, vulnerabilities or errors that will certainly or probabilistically lead towards loss of funds, control, of the contract and its functions. Must be fixed as soon as possible.

Medium: Bugs or issues with that may be subject to exploit, though their impact is somewhat limited. Must be fixed as soon as possible.

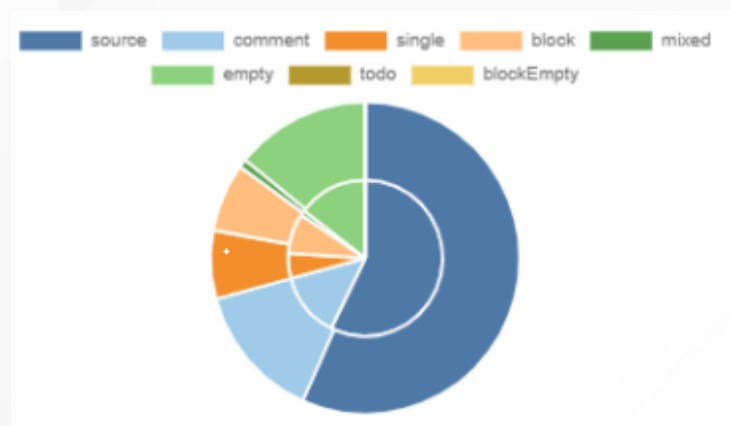
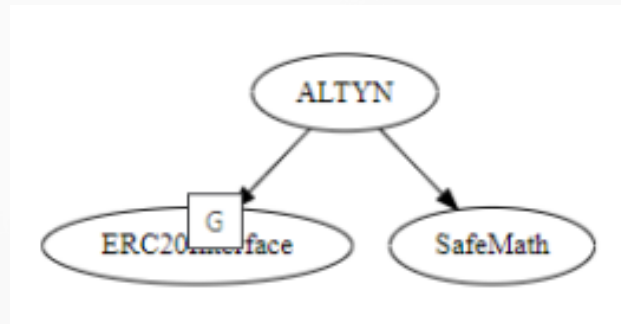
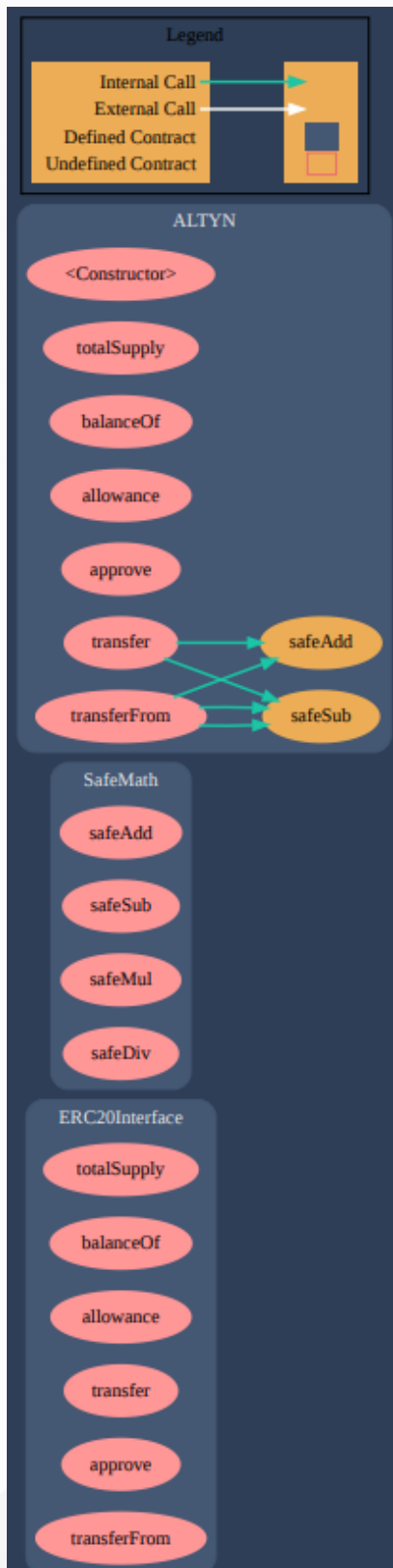
Low: Effects are minimal in isolation and do not pose a significant danger to the project or its users. Issues under this classification are recommended to be fixed nonetheless.

Automated Analysis

Symbol	Meaning
	Function can modify state
	Function is payable

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
ERC20Interface	Implementation			
L	totalSupply	Public 		NO 
L	balanceOf	Public 		NO 
L	allowance	Public 		NO 
L	transfer	Public 		NO 
L	approve	Public 		NO 
L	transferFrom	Public 		NO 
SafeMath	Implementation			
L	safeAdd	Public 		NO 
L	safeSub	Public 		NO 
L	safeMul	Public 		NO 
L	safeDiv	Public 		NO 
ALTYN	Implementation	ERC20Interface, SafeMath		
L		Public 		NO 
L	totalSupply	Public 		NO 
L	balanceOf	Public 		NO 
L	allowance	Public 		NO 
L	approve	Public 		NO 
L	transfer	Public 		NO 
L	transferFrom	Public 		NO 

Inheritance Graph



Contract Summary

Logic Contracts	Interfaces	Lines	nLines	nSLOC	Comment Lines	Complex. Score	Capabilities
3	_____	95	81	55	16	62	_____
3	_____	95	81	55	16	62	_____

Components

 Contracts	 Libraries	 Interfaces	 Abstract
3	0	0	0

Exposed Functions

This section lists functions that are explicitly declared public or payable. Please note that getter methods for public stateVars are not included.





 Public	 Payable
17	0







External	Internal	Private	Pure	View
0	7	0	4	6


StateVariables

Total	 Public
6	4

Capabilities

Solidity Versions observed	 Experimental Features	 Can Receive Funds	 Uses Assembly	 Has Destroyable Contracts
^0.5.0				

 Transfers ETH	 Low-Level Calls	 DelegateCall	 Uses Hash Functions	 ECRecover	 New/Create/Create2

 TryCatch	Σ Unchecked

Manual Review




There is no issue

Recommendation

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