TECH RATE

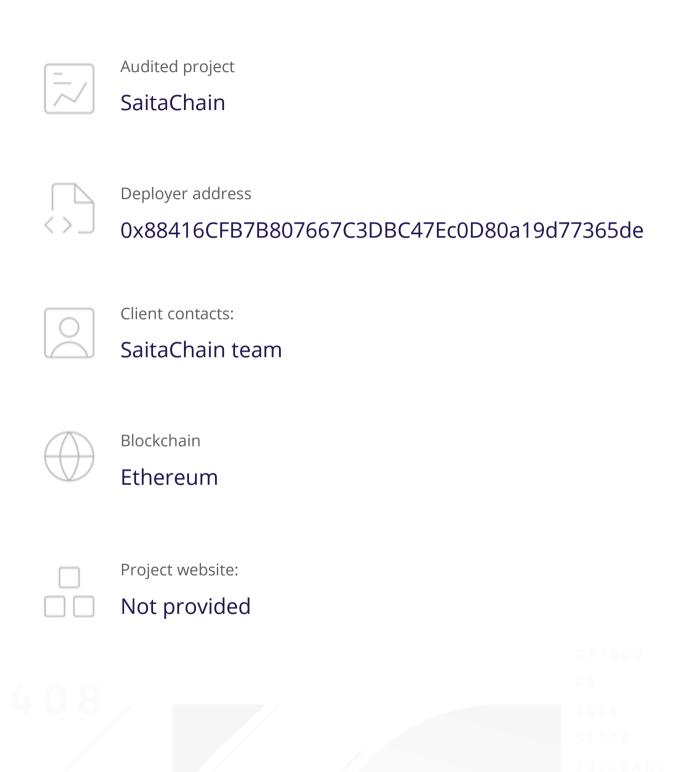
SMART CONTRACTS SECURITY **AUDIT REPORT**







Audit Details







Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at 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 disclaimer below – please make sure to read it in full.

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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.



Background

TechRate was commissioned by SaitaChain to perform an audit of smart contracts:

https://goerli.etherscan.io/address/0xb40464965454a6fc36c7bad4351cac284130a486#c ode

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.



Issues Checking Status

		Issue description	Checking status
	1.	Compiler errors.	Passed
	2.	Race conditions and Reentrancy. Cross-function race conditions.	Passed
	3.	Possible delays in data delivery.	Passed
	4.	Oracle calls.	Passed
	5.	Front running.	Passed
	6.	Timestamp dependence.	Passed
	7.	Integer Overflow and Underflow.	Passed
	8.	DoS with Revert.	Passed
	9.	DoS with block gas limit.	Passed
	10.	Methods execution permissions.	Passed
	11.	Economy model of the contract.	Passed
	12.	The impact of the exchange rate on the logic.	Passed
	13.	Private user data leaks.	Passed
	14.	Malicious Event log.	Passed
	15.	Scoping and Declarations.	Passed
	16.	Uninitialized storage pointers.	Passed
	17.	Arithmetic accuracy.	Passed
	18.	Design Logic.	Passed
	19.	Cross-function race conditions.	Passed 1780
:	20.	Safe Open Zeppelin contracts implementation and usage.	Passed
	21.	Fallback function security.	Passed

Security Issues

No high severity issues found.

No medium severity issues found.

No low severity issues found.

Notes:

- _tokenTransfer() emits s.tMarketing fee on capital block.
- IRouter uses UInt instead of UInt256.
- _transfer() function uses UInt instead of UInt256 in swap block.
- rescueAnyERC20Tokens() function uses UInt instead of UInt256.

Owner privileges (In the period when the owner is not renounced)

- Owner can exclude from the fee.
- Owner can change taxes.
- Owner can add/remove pairs.
- Owner can change ETH splits.
- Owner can change capital, burn and marketing addresses.
- Owner can change stable coin address.
- Owner can change the maximum transaction amount.
- Owner can change swapTokensAtAmount.
- Owner can change cooldown settings.
- Owner can mark addresses as bots.
- Owner can change router and pair addresses.
- Owner can multisend tokens.
- Owner can withdraw contract tokens and native tokens.

Testnet deployment

Contracts Description Table

Contract	Type	Bases		
L	Function Name	Visibility	Mutability	Modifiers
Motion	Implementation	IERC20, Ownable		
L	transfer	Public J		NO.
L	<u>approve</u>	Public 🌡		NO
L	<u>transferFrom</u>	Public !		NO

Legend

Symbol Meaning

Function can modify state

Function is payable

Conclusion

Smart contracts do not contain high severity issues! Liquidity pair contract's security is not checked due to out of scope. The further transfers and operations with the funds raise are not related to this particular contract.

Liquidity locking details are NOT provided by the team.

Security score: 83.

TechRate note:

Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by Owner.