



PALADIN
BLOCKCHAIN SECURITY

Smart Contract Security Assessment

Final Report

For SMTF Token

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1 Overview

This report has been prepared for SmartFi's SMTF token on the Binance Smart Chain. Paladin provides a user-centred examination of the smart contracts to look for vulnerabilities, logic errors or other issues from both an internal and external perspective.

1.1 Summary

Project Name	SmartFi (SMTF Token)
URL	https://smartfi.com/
Platform	Binance Smart Chain
Language	Solidity

1.2 Contracts Assessed

Name	Contract	Live Code Match
SMTF	0x11fd9ed04f1eb43ef9df6425a6990609f2468895	 MATCH



1.3 Findings Summary

Severity	Found	Resolved	Partially Resolved	Acknowledged (no change made)
● High	0	0	-	-
● Medium	0	0	-	-
● Low	0	0	-	-
● Informational	2	0	-	2
Total	2	0	-	2

Classification of Issues

Severity	Description
● High	Exploits, vulnerabilities or errors that will certainly or probabilistically lead towards loss of funds, control, or impairment of the contract and its functions. Issues under this classification are recommended to be fixed with utmost urgency.
● Medium	Bugs or issues with that may be subject to exploit, though their impact is somewhat limited. Issues under this classification are recommended to 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.
● Informational	Consistency, syntax or style best practices. Generally pose a negligible level of risk, if any.

1.3.1 SMTF

ID	Severity	Summary	Status
01	INFO	Mint amount has too many digits	ACKNOWLEDGED
02	INFO	Total supply is minted to the deployer	ACKNOWLEDGED



2 Findings

2.1 SMTF

The SMTF token is an ERC-20 token. It has a total supply of 1,000,000,000 tokens, and the total supply is minted to the deployer when the contract is deployed. After which, no tokens can be minted.

2.1.1 Token Overview

Address	0x11fd9ed04f1eb43ef9df6425a6990609f2468895
Token Supply	1,000,000,000
Decimal Places	18
Transfer Max Size	No maximum
Transfer Min Size	No minimum
Transfer Fees	None



2.1.2 Issues & Recommendations

Issue #01	Mint amount has too many digits
Severity	INFORMATIONAL
Location	<u>Line 485</u> <code>_mint(msg.sender, 1000000000 * 10 ** decimals());</code>
Description	Literals with many digits are difficult to read and review.
Recommendation	Consider changing the amount to be minted to something more readable such as <code>1_000_000_000</code> .
Resolution	ACKNOWLEDGED The team has acknowledged this issue as they will not be redeploying the contract.

Issue #02	Total supply is minted to the deployer
Severity	INFORMATIONAL
Description	The deployer of the token contract will have the full supply of the tokens. Depending on how the tokens are distributed after the initial mint, it could have some effects on the tokenomics of the project.
Recommendation	Communicate to the community how the token distribution will be allocated. If a huge allocation of tokens are to be stored in something like a treasury, ensure that a multisignature solution is used.
Resolution	ACKNOWLEDGED The team has acknowledged this issue as they will not be redeploying the contract.





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