



**CYPHER
SHIELD**

Cyphershield Audit Report

For **Big Time Crypto**



**BIG TIME
CRYPTO**

Jan 04th, 2021

	Table of Contents
1	Summary
2	Project Summary <ul style="list-style-type: none">• Token Summary • About the Big Time Project
3	Vulnerability Summary
4	Audit Results
5	Pilot Finding & Recommendations
6	Disclaimer

Summary

- **Cyphershiled** has created this pilot report for The Big Time Project, to discover issues, vulnerabilities, and gas inefficiencies in their source code, and to suggest possible remedial measures to mitigate the issues found, if any. We certify that our auditors have performed a thorough analysis of the source code for The Big Time Token, on the Binance Smart Chain Blockchain, to the best of their abilities, using a combination of automated and manual auditing techniques and tools.
- The auditing process considers the following:

Project Summary

- **Project Name:** The Big Time Project

- **Blockchain:** Binance Smart Chain
- **Language:** Solidity
- **Codebase:** <https://github.com/Blockchainxtech/keatas-bigtimetoken/blob/main/contracts/BigtimeFlatten.sol>
- **Contract File:** Big Time Token. sol

Token Summary

- **Token Name:** The Big Time Token
- **Token Symbol:** BIG
- **Blockchain:** Binance Smart Chain
- **Token Standard:** BEP-20
- **Total Supply:** 1,000,000,000 **BIG**
- **Decimals:**

About The Big Time Project

The Big Time Project is a unified ecosystem of DeFi projects, powered by the big time Token (BIG). Big Time's primary motive is to create easier and affordable solutions for people to own sustainable houses and, additionally, create new earning operations for everyday users.

Vulnerability Summary

Vulnerability	Total	Pending	Declined	Acknowledged	Partially Solved	Resolved
Critical	0	0	0	0	0	0
Major	0	0	0	0	0	0
Medium	0	0	0	0	0	0
Minor	0	0	0			
Informational	3	3	0	0	0	0
Discussion	0	0	0	0	0	0

Audit Results

Vulnerability Category	Notes	Result
Arbitrary Storage Write		PASS
Arbitrary Jump		PASS
Centralization of Control	Contract owner can pause the contract	FAIL
Delegate Call to Untrusted Contract		PASS
Dependence on Predictable Variables		PASS
Deprecated Opcodes		PASS
Ether Thief		PASS
Exceptions		PASS
External Calls		PASS
Flash Loans		PASS
Integer Over/Underflow		PASS
Multiple Sends		PASS
Oracles		PASS
Suicide		PASS
State Change External Calls		PASS
Unchecked Retval		PASS
User Supplied Assertion		PASS
Critical Solidity Compiler		PASS
Overall Contract Safety		PASS

Pilot Findings & Recommendations:

Vulnerability Level: **Low**

1. Floating pragma solidity.

```
1 // SPDX-License-Identifier: UNLICENSED
2 pragma solidity ^0.8.9;
3
```

2. Remove the safemath library unused code.

```
/**
 * @dev Wrappers over Solidity's arithmetic operations.
 *
 * NOTE: `SafeMath` is generally not needed starting with Solidity 0.8, since the compiler
 * now has built in overflow checking.
 */
library SafeMath {
    /**
     * @dev Returns the addition of two unsigned integers, reverting on
     * overflow.
     *
     * Counterpart to Solidity's `+` operator.
     *
     * Requirements:
     * - Addition cannot overflow.
     */
    function add(uint256 a, uint256 b) internal pure returns (uint256) {
        return a + b;
    }

    /**
     * @dev Returns the subtraction of two unsigned integers, reverting on
     * overflow (when the result is negative).
     *
     * Counterpart to Solidity's `-` operator.
     *
     * Requirements:
     * - Subtraction cannot overflow.
     */
    function sub(uint256 a, uint256 b) internal pure returns (uint256) {
        return a - b;
    }
}
```


3. Token Recover function reentrancy guard.

```
/**
 * @dev Recover BEP20 tokens from contract address.
 */
function tokenRecover(address contractAddress, uint256 amount) external onlyOwner whenNotPaused {
    require(contractAddress != address(0), "BEP20: Address cant be zero address");

    IBEP20(contractAddress).transfer(msg.sender, amount);
    emit ExternalTokenTransferred(contractAddress, msg.sender, amount);
}
```

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This report should not be used in any way to make decisions around investment or involvement with any particular project. This report in no way provides investment advice, nor should be leveraged as investment advice of any sort. This report describes an extensive assessing process intending to help our clients improve the quality of their code while lowering the high level of risk presented by cryptographic tokens and blockchain technology.

Blockchain technology and cryptographic assets present a high level of ongoing risk. Cyphershield's position is that each company and individual are responsible for their own due diligence and continuous security. Cyphershield's purpose is to help lower the attack vectors and the high level of variance associated with employing new and consistently changing technologies, and in no way claims any assurance of security or functionality of the technology we agree to analyze.

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