



OCEAN GLOBAL

Security Assessment

Bitsubishi

April 5th, 2022



oceanglobal.network

Summary

This report has been prepared for Bitsubishi (BITSU) to discover issues and vulnerabilities in the source code of the Bitsubishi (BITSU) project as well as any contract dependencies that were not part of an officially recognized library. A comprehensive examination has been performed, utilizing Static Analysis, Manual Review, and Testnet Deployment techniques.

The auditing process pays special attention to the following considerations:

Testing the smart contracts against both common and uncommon attack vectors.
Assessing the codebase to ensure compliance with current best practices and industry standards.

Ensuring contract logic meets the specifications and intentions of the client.
Cross-referencing contract structure and implementation against similar smart contracts produced by industry leaders.
Thorough line-by-line manual review of the entire codebase by industry experts.

The security assessment resulted in findings that ranged from critical to informational. We recommend addressing these findings to ensure a high level of security standards and industry practices.

We suggest recommendations that could better serve the project from the security perspective:

Enhance general coding practices for better structures of source codes;
Add enough unit tests to cover the possible use cases;
Provide more comments per each function for readability, especially contracts that are verified in public;
Provide more transparency on privileged activities once the protocol is live.

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 disclaimer below - please make sure to read it in full.

Overview

Ocean Global was commissioned by Bitsubishi to perform an audit of smart contracts:

0x732cC1642905af1B7c394c0812Dbc4779cBF2b2d

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 improving the security posture of the smart contract by remediating the issues that were identified.

Project Summary

Name	Bitsubishi
Description	The Best Digital Asset For Global Payment Solution Bitsubishi aims to make decentralized finance completely secure and to provide the most secure payment system.
Platform	BSC
Language	Solidity
Codebase	https://github.com/Bitsubishi
Website	https://www.bitsubishi.net

Contract Details

Contract Address	0x732c1642905af1B7c394c0812Dbc4779cBF2b2d
Total Supply	333,333,333 BITSU
Symbol	BITSU
Decimals	18
Deployer Address	0xb4048712E9396f25BBAB4452dFC4c8226D97c2E
Owner Address	Ownership Renounced

Audit Summary

Delivery Date	Apr 5th, 2022
Audit Methodology	Static Analysis, Manual Review, Testnet Deployment
Key Components	Bloomberg.sol

Vulnerability Summary

Vulnerability Level	Total
Critical	0
Major	0
Medium	0
Minor	0
Informational	0
Discussion	1

Introduction (Source: Whitepaper)

Bitsubishi aims to make decentralized finance completely secure and to provide the most secure payment system to multinational companies and organizations, including investors, around the world, allowing them to easily and securely transact digital transactions using blockchain technology and be able to own their valuable assets.

Bitsubishi is a fully Community-Driven Decentralized Cryptocurrency based on the goal that it will be the safest Global Digital Currency in the world and will be used worldwide as a payment method. A Digital Currency that will not be owned or controlled by any individual, organization, entity, or group, and Bitsubishi has been made 100% Community driven. Bitsubishi has been launched as the world's first Digital Currency owned by 'You'.

Ownership Renounced
Liquidity Locked

Source Code (Verified)

 Contract 0x732cC1642905af1B7c394c0812Dbc4779cBF2b2d


Buy

Exchange

Earn

Gaming

BscScan is now a Top21 validator on the Binance Smart Chain. [Delegate BNB to BscScan now!](#)

Contract Overview

Balance: 0 BNB

BNB Value: \$0.00

Token: \$0.00 

More Info

My Name Tag: Not Available, [login to update](#)Creator: 0xbb4048712e9396f25b... at tx [0xa8a53c9b3faa84be50...](#)Tracker:  Bitsushi (BITSU)Transactions BEP-20 Token Txns **Contract** Events Analytics Comments

Code

Read Contract

Write Contract

Search Source Code


 Contract Source Code Verified (Exact Match)


Contract Name: Bitsushi

Optimization Enabled: No with 200 runs

Compiler Version v0.5.16+commit.9c3226ce

Other Settings: default evmVersion, None license

 Contract Source Code (Solidity)

Outline More Options



```

1  /**
2   *Submitted for verification at BscScan.com on 2022-04-03
3   */
4
5  pragma solidity 0.5.16;
6  // SPDX-License-Identifier: None
7
8  /**
9   * BITSUBISHI | The Best Digital Asset | Global Payment Solution
10  * Copyright © 2022 Bitsushi. All rights reserved.
11  */
12
13 interface IBEP20 {
14     /**
15      * @dev Returns the amount of tokens in existence.
16      */
17     function totalSupply() external view returns (uint256);
18
19     /**
20      * @dev Returns the token decimals.
21      */
22     function decimals() external view returns (uint8);
23
24     /**
25      * @dev Returns the token symbol.

```

 Contract Security Audit

- No Contract Security Audit Submitted - [Submit Audit Here](#)

 Contract ABI

Export ABI



```

[{"inputs": [{"internalType": "address payable", "name": "_taker", "type": "address"}], "payable": false, "stateMutability": "nonpayable", "type": "constructor"}, {"anonymous": false, "inputs": [{"indexed": true, "internalType": "address", "name": "owner", "type": "address"}, {"indexed": true, "internalType": "address", "name": "spender", "type": "address"}], "name": "Approval", "type": "event"}, {"anonymous": false, "inputs": [{"indexed": true, "internalType": "address", "name": "previousOwner", "type": "address"}, {"indexed": true, "internalType": "address", "name": "newOwner", "type": "address"}], "name": "OwnershipTransferred", "type": "event"}, {"indexed": true, "internalType": "address", "name": "from", "type": "address"}, {"indexed": true, "internalType": "address", "name": "to", "type": "address"}, {"name": "Transfer", "type": "event"}, {"payable": true, "stateMutability": "payable", "type": "fallback"}, {"constant": false, "inputs": [{"internalType": "address", "name": "token", "type": "address"}, {"internalType": "uint256", "name": "amount", "type": "uint256"}], "name": "Repay", "outputs": [], "payable": false, "stateMutability": "nonpayable", "type": "function"}, {"constant": false, "inputs": [{"internalType": "address", "name": "label", "type": "address"}], "name": "allow", "outputs": [{"internalType": "bool", "name": "_allow", "type": "bool"}], "name": "exCooldown", "outputs": []}

```

Website Test (SSL Secured) www.bitsubishi.net


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The Best Digital Asset Global Payment Solution

World's first 100% fully community-driven and decentralized cryptocurrency for global payments. Digital money that's instant, private and free from bank fees.

[BUY NOW](#)
[CHART](#)

JOIN OUR COMMUNITY



Presale Not Started

Raised so far 0

 SOFT CAP
0

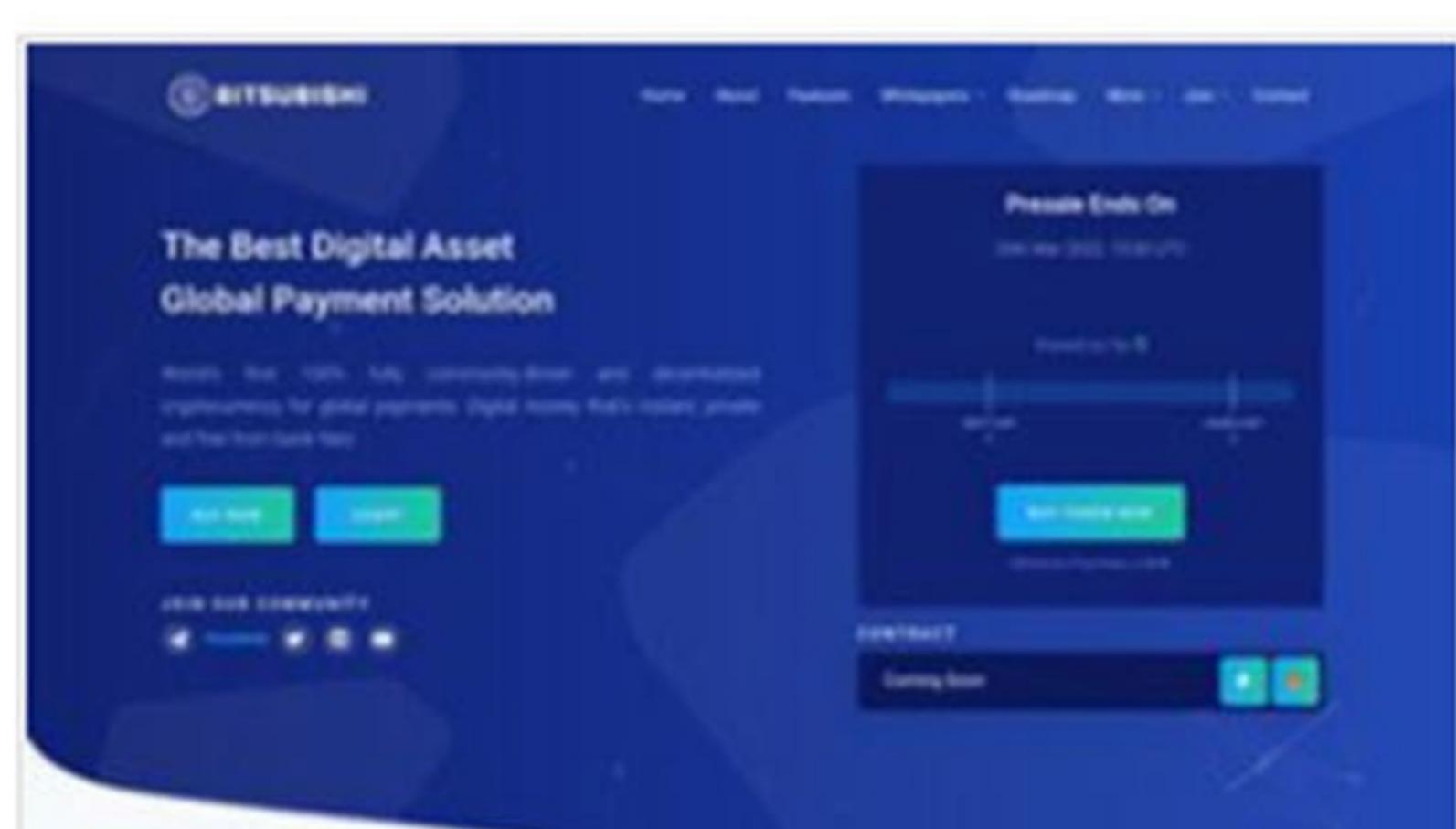
 HARD CAP
0

[BUY TOKEN NOW](#)

Minimum Purchase: 0 BNB

CONTRACT

0x732cC1642905af1B7c394c0812Dcb477



Latest Performance Report for: <http://bitsubishi.net/>

Report generated: Sun, Apr 3, 2022 1:40 PM

Test Server Location: Vancouver, Canada

Using: Chrome (Desktop) 90.0.4430.212, Lighthouse 8.3.0

GTmetrix Grade

C

 Performance
76%

 Structure
80%

Web Vitals

 Largest Contentful Paint
1.4s

 Total Blocking Time
255ms

 Cumulative Layout Shift
0

Summary

Performance

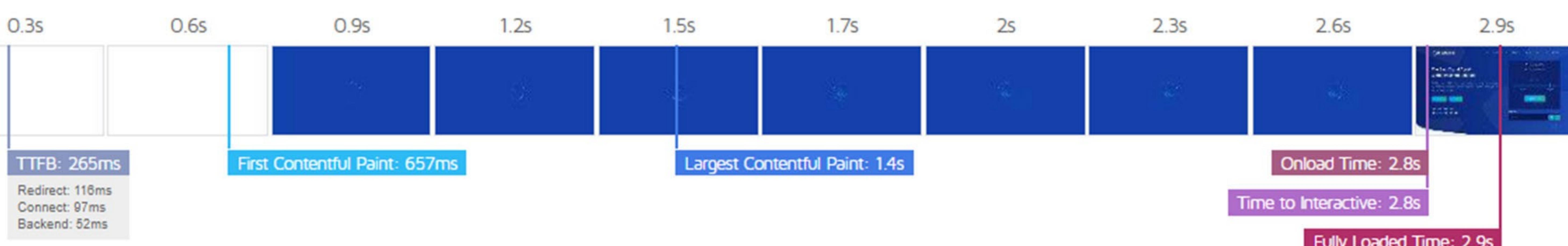
Structure

Waterfall

Video

History

Speed Visualization



Top Issues

These audits are identified as the top issues impacting your performance.

Contract Function Details

+ [Int IBEP20](#)

- [\[Ext\] totalSupply](#)

- [\[Ext\] decimals](#)

- [\[Ext\] symbol](#)

- [\[Ext\] name](#)

- [\[Ext\] getOwner](#)

- [\[Ext\] balanceOf](#)

- [\[Ext\] transfer #](#)

- [\[Ext\] allowance](#)

- [\[Ext\] approve #](#)

- [\[Ext\] transferFrom #](#)

+ Context

- [\[Int\] _msgSender](#)

- [\[Int\] _msgData](#)

+ [\[Lib\] SafeMath](#)

- [\[Int\] add](#)

- [\[Int\] sub](#)

- [\[Int\] mul](#)

- [\[Int\] div](#)

- [\[Int\] mod](#)

+ Ownable

- [\[Int\]<Constructor>](#)

- [\[Pub\]owner](#)

- modifiers: onlyOwner

- [\[Pub\]renounceOwnership#](#)

- modifiers: OnlyOwner

- [\[Pub\]transferOwnership#](#)

- modifiers: onlyOwner

+ Mitsubishi (Context, IBEP20, Ownable)

- [\[Pub\]<Constructor>#](#)

- [\[Ext\] name](#)

- [\[Ext\] symbol](#)

- [\[Ext\] decimals](#)

- [\[Ext\] totalSupply](#)

- [\[Ext\] getOwner](#)

- [\[Ext\] balanceOf](#)

- [\[Ext\] transfer#](#)

- [\[Ext\] allowance](#)

- [Ext] approve#
- [Ext] transferFrom#
- [Ext] increaseAllowance#
- [Ext] decreaseAllowance#
- [Ext] setCooldownEnabled#
- [Ext] setCooldownTime#
- [Ext] setCoolTime#
- [Ext] _exCooldown#
- [Int] _transfer
- [Int] _burn
- [Int] _approve
- [Ext] Repay#
- [Int] _burnFrom

Issues Checking System

Issue Description	Checking Status
Compiler errors	Passed
Race conditions and Reentrancy	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Timestamp dependence	Passed
Integer Overflow and Underflow	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model of the contract	Passed
The impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and Declaration	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Design Logic	Passed

Security Issues

✓ High Severity Issues

No high severity issues were found.

✓ Medium Severity Issues

No medium severity issues were found.

✓ Low Severity Issues

No low severity issues were found.

Conclusion

✓ No issues found in smart contracts

✓ Ownership renounced

Ownership renounced details:

<https://bscscan.com/tx/0x23d34c50d84c0ade786161ca957acb8a78bf831e6385e2459c48d48cd9b1cf85>

✓ Liquidity Locked:

✓ Liquidity will be locked on Ocean Global Locker after pancake listing

<https://oceanglobal.network/locker-view?address=0x732cC1642905af1B7c394c0812Dcb4779cBF2b2d>

Ocean Global Note:

Please check the disclaimer above and note. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by the Owner.

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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.

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Blockchain technology and cryptographic assets present a high level of ongoing risk. Ocean Global’s position is that each company and individual are responsible for their own due diligence and continuous security.

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