



# SMART CONTRACT SECURITY AUDIT

BitTaxi

October, 2021

Website: [soken.io](https://soken.io)

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# Disclaimer

This is a comprehensive report based on our automated and manual examination of cybersecurity vulnerabilities and framework flaws. We took into consideration smart contract based algorithms, as well. Reading the full analysis report is essential to build your understanding of project's security level. It is crucial to take note, though we have done our best to perform this analysis and report, that you should not rely on the our research and cannot claim what it states or how we created it. Before making any judgments, you have to conduct your own independent research. We will discuss this in more depth in the following disclaimer - please read it fully.

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Security analysis is based only on the smart contracts. No applications or operations were reviewed for security. No product code has been reviewed.

# Procedure

## Our analysis contains following steps:

1. Project Analysis;
2. Manual analysis of smart contracts:
  - Deploying smart contracts on any of the network(Ropsten/Rinkeby) using Remix IDE
  - Hashes of all transaction will be recorded
  - Behaviour of functions and gas consumption is noted, as well.
3. Unit Testing:
  - Smart contract functions will be unit tested on multiple parameters and under multiple conditions to ensure that all paths of functions are functioning as intended.
  - In this phase intended behaviour of smart contract is verified.
  - In this phase, we would also ensure that smart contract functions are not consuming unnecessary gas.
  - Gas limits of functions will be verified in this stage.
4. Automated Testing:
  - Mythril
  - Oyente
  - Manticore
  - Solgraph

# Terminology

**We categorize the finding into 4 categories based on their vulnerability:**

- Low-severity issue — less important, must be analyzed
- Medium-severity issue — important, needs to be analyzed and fixed
- High-severity issue — important, might cause vulnerabilities, must be analyzed and fixed
- Critical-severity issue — serious bug causes, must be analyzed and fixed.

# Limitations

The security audit of Smart Contract cannot cover all vulnerabilities. Even if no vulnerabilities are detected in the audit, there is no guarantee that future smart contracts are safe. Smart contracts are in most cases safeguarded against specific sorts of attacks. In order to find as many flaws as possible, we carried out a comprehensive smart contract audit. Audit is a document that is not legally binding and guarantees nothing.

# Token Contract Details for 29.10.2021

Contract Name: **BitTaxiCoin**

Deployed address: **0x01fedad5e7bfe9de4f5c4a1ac9dd8cec2c623d32**

Total Supply: **1,000,000,000**

Token Tracker: **BTTXT**

Decimals: **18**

Token holders: **9,412**

Transactions count: **10,274**

Top 100 holders dominance: **99.90%**

## Audit Details



Project Name: **BitTaxi**

Language: **Solidity**

Compiler version: **v.0.8.2**

Blockchain: **BSC**

# Social Profiles

Project Website: **bittaxi.co**

Project Twitter: **bittaxitoken**

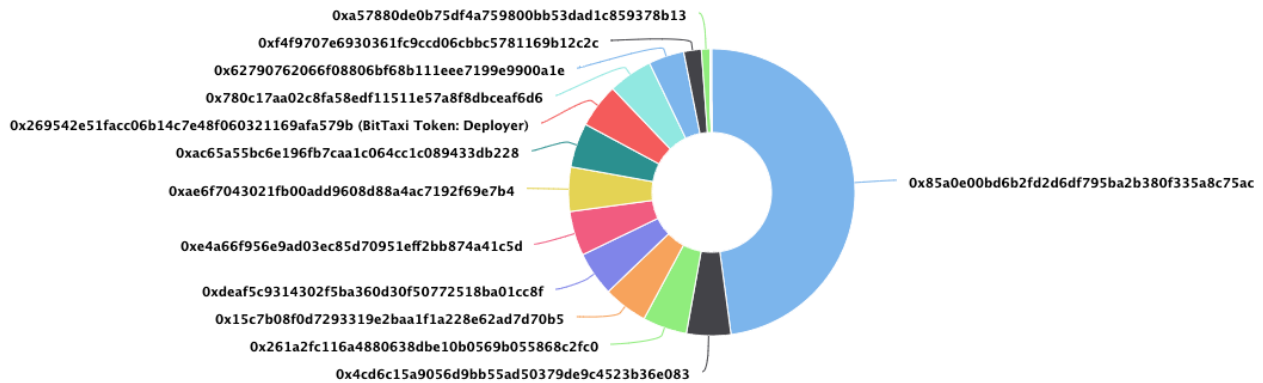
Project Announcement Telegram: **bittaxitoken**

Project Community Telegram: **bittaxitoken**

## Token Contract Overview



# BTTXT Token Distribution



## BTTXT Top 10 Holders

Rank	Address	Quantity (Token)	Percentage
1	0x85a0e00bd6b2fd2d6df795ba2b380f335a8c75ac	478,512,524.583260798403988172	47.8513%
2	0x4cd6c15a9056d9bb55ad50379de9c4523b36e083	50,001,000	5.0001%
3	0x261a2fc116a4880638dbe10b0569b055868c2fc0	50,000,000	5.0000%
4	0x15c7b08f0d7293319e2baa1f1a228e62ad7d70b5	50,000,000	5.0000%
5	0xdeaf5c9314302f5ba360d30f50772518ba01cc8f	50,000,000	5.0000%
6	0xe4a66f956e9ad03ec85d70951eff2bb874a41c5d	50,000,000	5.0000%
7	0xae6f7043021fb00add9608d88a4ac7192f69e7b4	50,000,000	5.0000%
8	0xac65a55bc6e196fb7caa1c064cc1c089433db228	50,000,000	5.0000%
9	BitTaxi Token: Deployer	50,000,000	5.0000%
10	0x780c17aa02c8fa58edf11511e57a8f8dbceaf6d6	50,000,000	5.0000%



# Vulnerabilities checking

Issue Description	Checking Status
Compiler Errors	Completed
Delays in Data Delivery	Completed
Re-entrancy	Completed
Transaction-Ordering Dependence	Completed
Timestamp Dependence	Completed
Shadowing State Variables	Completed
DoS with Failed Call	Completed
DoS with Block Gas Limit	Completed
Outdated Compiler Version	Completed
Assert Violation	Completed
Use of Deprecated Solidity Functions	Completed
Integer Overflow and Underflow	Completed
Function Default Visibility	Completed
Malicious Event Log	Completed
Math Accuracy	Completed
Design Logic	Completed
Fallback Function Security	Completed
Cross-function Race Conditions	Completed
Safe Zeppelin Module	Completed

# Conclusion

Smart contracts are free from any low, medium or high-severity issues.

NOTE: Please check the disclaimer above and note, that audit makes no statements or warranties on business model, investment attractiveness or code sustainability.

## Soken Contact Info

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