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SECURITY AUDIT REPORT



TATE SOCIAL

COMPLETED ON:
18.11.2022

OVERVIEW

The purpose of this report is to audit the smart contract source code of STATE SOCIAL (TOPG), their website and social media. TrustFacture scanned the contract and reviewed the project for common vulnerabilities, exploits, hacks, and back-doors. Below is the list of commonly known smart contract vulnerabilities, exploits, and hacks:

Smart Contract Vulnerabilities:

- Re-entrancy
- Unhandled Exceptions
- Transaction Order Dependency
- Integer Overflow
- Unrestricted Action
- Incorrect Inheritance Order
- Typographical Errors
- Requirement Violation

Source Code Review:

- Ownership Takeover
- Gas Limit and Loops
- Deployment Consistency
- Repository Consistency
- Data Consistency
- Token Supply Manipulation

Functional Assessment:

- Access Control and Authorization
- Operations Trail and Event Generation
- Assets Manipulation
- Liquidity Access

ABOUT PROJECT

Tate Social is a socialfi offering videos, TV shows, streaming, podcasts... inspired by Andrew Tate's banned on social networks. A Social-Fi platform with a check-mate marketing strategy that gives Tate Social the potential to explode as impactfully as the Tate Brother's rise to fame.

Contract Token Name	TATE SOCIAL	
Symbol	TOPG	
Contract Adress	0xabF7B63B4c84483Da56d6b2Df4b09ec76B98e306	
Network	Binance Smart Chain	
Total Supply	1,000,000,000 TOPG	
Deployment date	14-11-2022	
Language	Solidity	
Status	Not Launched	
Taxes	Buy Tax: 7%	Sell Tax: 7%
Fairsale Launch	On Pinksale	
Realese date	18.11.2022	

TOKEN STATS

Liquidity	Not added yet
Burn	No burnt tokens
LP Address	Liquidity not added yet
First transfer date	14-11-2022
Creator Wallet	0x17b1bA013564530aA383486f2837a293796B366B
Liquidity Percent	60% of supply
Liquidity Lockup Time	365 days after pool ends
Transfer Count	7

TOKEN HOLDERS

Rank	Address	Quantity	%
1.	Pinksale: PinkLock V2	649,938,400	64.9938
2.	0x7f7ee1ea83ccca9cccc394a7637de4e2907c9cc2	350,061,600	35.0062



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VULNERABILITY CHECK

CONTRACT FUNCTIONS:

1. function approve(address spender, uint256 amount) public virtual override returns (bool)
2. function changeMarketingWallet(address _marketingWallet) external onlyOwner
 - 3. function claimStuckTokens(address token) external onlyOwner
4. function decreaseAllowance(address spender, uint256 subtractedValue) public virtual returns (bool)
5. function excludeFromFees(address account, bool excluded) external onlyOwner
6. function increaseAllowance(address spender, uint256 addedValue) public virtual returns (bool)
 - 7. function renounceOwnership() public virtual onlyOwner
8. function setSwapTokensAtAmount(uint256 newAmount) external onlyOwner
9. function transfer(address recipient, uint256 amount) public virtual override returns (bool)
10. function transferFrom(address sender, address recipient, uint256 amount) public virtual override returns (bool)
11. function transferOwnership(address newOwner) public virtual onlyOwner
12. function updateBuyFee(uint256 _marketingFeeOnBuy) external onlyOwner
13. function updateSellFee(uint256 _marketingFeeOnSell) external onlyOwner

CHECKLIST:

No	Description	Results
1.	Compiler errors.	Passed
2.	Possible delays in data delivery.	Passed
3.	Timestamp dependence.	Passed
4.	Integer Overflow and Underflow.	Passed
5.	Race Conditions and Reentrancy.	Passed
6.	DoS with Revert.	Passed
7.	DoS with block gas limit.	Passed
8.	Methods execution permissions.	Passed
9.	Economy model of the contract.	Passed
10.	Private user data leaks.	Passed
11.	Malicious Events Log.	Passed
12.	Scoping and Declarations.	Passed
13.	Uninitialized storage pointers.	Passed
14.	Arithmetic accuracy.	Passed
15.	Design Logic.	Passed
16.	Impact of the exchange rate	Passed
17.	Oracle Calls.	Passed
18.	Cross-function race conditions.	Passed
19.	Fallback function security.	Passed
20.	Safe Open Zeppelin contracts and implementation usage.	Passed



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STATUS:

Main Category	Subcategory	Results
Contract Programming	Solidity version not specified.	Passed
	Solidity version too old.	Passed
	Integer overflow/underflow.	Passed
	Function input parameters lack of check.	Passed
	Function input parameters check bypass.	Passed
	Function access control lacks management.	Passed
	Critical operation lacks event log.	Passed
	Human/contract checks bypass.	Passed
	Random number generation/use vulnerability.	Passed
	Fallback function misuse.	Passed
	Race condition.	Passed
	Logical vulnerability.	Passed
	Other programming issues.	Passed
Code Specification	Visibility not explicitly declared.	Passed
	Var. storage location not explicitly declared.	Passed
	Use keywords/functions to be deprecated.	Passed
	Other code specification issues.	Passed
Gas Optimization	Assert () misuse.	Passed
	High consumption 'for/while' loop.	Passed
	High consumption 'storage' storage.	Passed
	"Out of Gas" Attack.	Passed
Business Risk	The maximum limit for mintage not set.	Passed
	"Short Address" Attack.	Passed
	"Double Spend" Attack.	Passed

CONCLUSION:

The Smart Contract code passed the audit. We have used all possible tests based on given objects as files. Since possible test cases can be unlimited for such extensive smart contract protocol, hence we provide no such guarantee of future outcomes. We have used all the latest static tools and manual observations to cover maximum possible test cases to scan everything. Smart Contracts within the scope were manually reviewed and analyzed with static analysis tools. Smart Contract's high-level description of functionality was presented in Status section of the report. Audit report contains all found security vulnerabilities and other issues in the reviewed code.

Security state of the reviewed contract is "**Well Secured**".

Our Methodology

We like to work with a transparent process and make our reviews a collaborative effort. The goals of our security audits are to improve the quality of systems we review and aim for sufficient remediation to help protect users. The following is the methodology we use in our security audit process.

Manual Code Review:

In manually reviewing all of the code, we look for any potential issues with code logic, error handling, protocol and header parsing, cryptographic errors, and random number generators. We also watch for areas where more defensive programming could reduce the risk of future mistakes and speed up future audits. Although our primary focus is on the in-scope code, we examine dependency code and behavior when it is relevant to a particular line of investigation.

Vulnerability Analysis:

Our audit techniques included manual code analysis, user interface interaction, and whitebox penetration testing. We look at the project's web site to get a high-level understanding of what functionality the software under review provides. We then meet with the developers to gain an appreciation of their vision of the software. We install and use the relevant software, exploring the user interactions and roles. While we do this, we brainstorm threat models and attack surfaces. We read design documentation, review other audit results, search for similar projects, examine source code dependencies, skim open issue tickets, and generally investigate details other than the implementation.

Documenting Results:

We follow a conservative, transparent process for analyzing potential security vulnerabilities and seeing them through successful remediation. Whenever a potential issue is discovered, we immediately create an Issue entry for it in this document, even though we have not yet verified the feasibility and impact of the issue. This process is conservative because we document our suspicions early even if they are later shown to not represent exploitable vulnerabilities. Code analysis is the most tentative, and we strive to provide test code, log captures, or screenshots demonstrating our confirmation. After this we analyze the feasibility of an attack in a live system.

RISK SEVERITY

Risk Severity	Definition
! Critical	No Critical severity issues found
! High	No High severity issues found
! Medium	No Medium severity issues found
! Low	No Low severity issues found
Verified	57 Functions and instances checked
Safety Score	100 out of 100

TATE SOCIAL (TOPG) has not shown any critical vulnerabilities or errors, the project has a transparent contract with no hidden features.

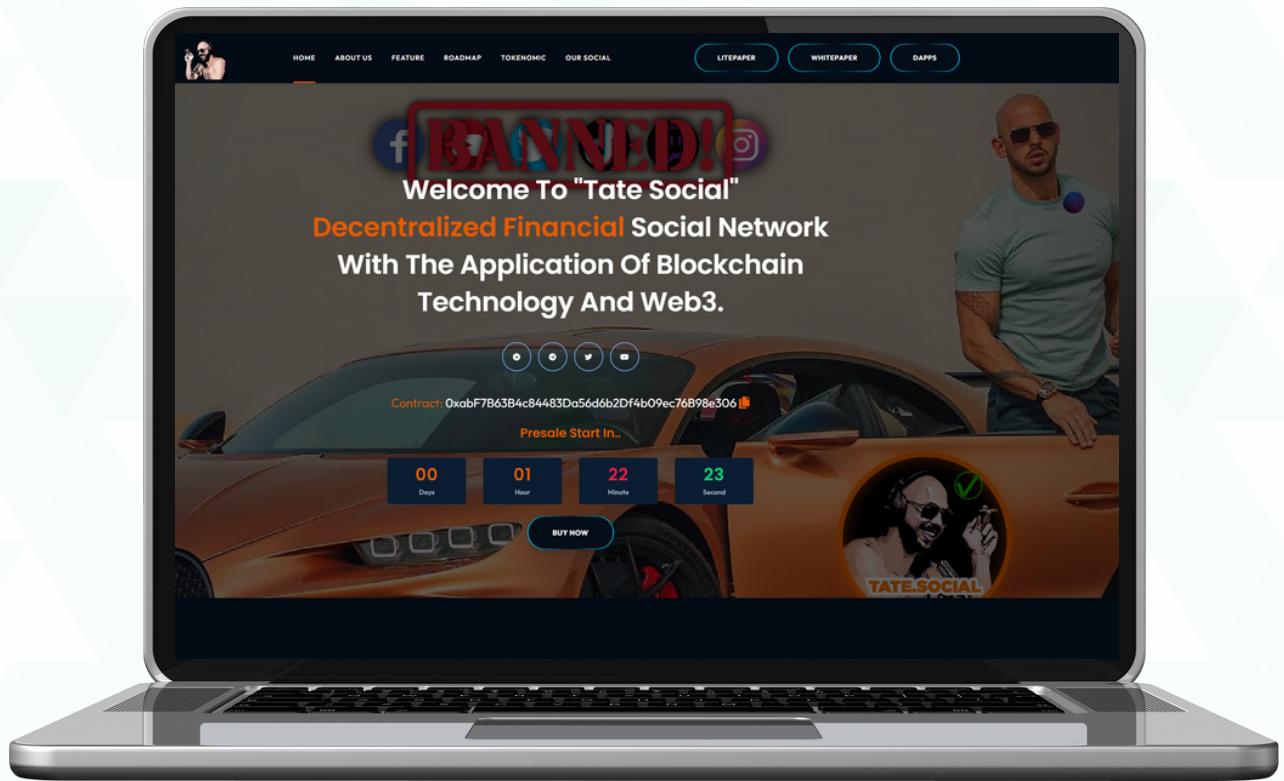
In the next part of the audit, we will check the website and social media of TATE SOCIAL project.



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WEBSITE



www.page.tate.social

Google Speed Insight Score:

71/100

Domain Registration Date:

2022-11-06

Security Test::

Passed

Domain Expire Date::

2023-11-06

Whitepaper::

Realeased

Roadmap::

Detailed, presented in 7 phases

Good design, multipage website with all the necessary informations. The site is secure and has an SSL certificate. Optimized for mobile and PC devices. CLS and optimization of images may need improvement for better results.

SOCIAL MEDIA



The site has active social media such as:

Twitter:

twitter.com/TatesocialTopg

Created in June 2022
10,6K Followers
Logo + Banner

Telegram:

t.me/Tatesocial_TOPG_Global

14K Group members
Super Active community
Logo and description

Discord:

No Discord



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advice, nor should be leveraged as investment advice of any sort. This report represents an extensive assessing process intended to help our customers increase the quality of their code

while reducing the high level of risk presented by cryptographic tokens and blockchain technology. Blockchain technology and cryptographic assets present a high level of ongoing risk.

Snipe. Finance's positions that each company and individual are responsible for their own due diligence and continuous security. TrustFacture.com goal is to help reduce the attack vectors and the high level of variance associated with utilizing new and consistently changing technologies, and in no way claims any guarantee of security or functionality of the technology we agree to analyze. The analysis of the security is purely based on the smart contract, website and social media. No applications were reviewed for security.



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OFFERING SMART CONTRACT AUDITS, KYC
AND EFFECTIVE MARKETING.

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FULL SMART CONTRACT AUDIT - WE WILL THOROUGHLY REVIEW YOUR SMART CONTRACT. MANUALLY LINE BY LINE AS WELL AS WITH AUTOMATED TOOLS.

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