

# Smart Contract Code and Web Front-End

Review, Testing and Audit

Project: TREX BUSD

Launch Date: **SEPTEMBER 01, 2022**Re-Audit Date: **AUGUST 28, 2022** 



August 28, 2022

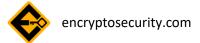
# • CONFIDENTIALITY

This audit report may contain confidential information about blockchain systems and the intellectual property of the Developer/s and its Owner/s, as well as information about potential vulnerabilities and methods of their exploitation. The report can be disclosed publicly after prior consent by another Party. Any subsequent publication of this report shall be without mandatory consent.

# • DOCUMENT

Project Name	Trex BUSD
Launch Date	September 01, 2022
Audit Date	August 28, 2022
Project Type	ROI Investment
Network	BSC
Website	https://t-rexbusd.finance/
Smart Contracts	https://bscscan.com/address/0xD76dBa4b47C5DE9E4C32e3FA29806fBc085 F1931#code https://bscscan.com/address/0x289D2Ce911d411725c82ce3086AC5C540a2 3A04A#code https://www.bscscan.com/address/0x25DE21E8EdD32Ef182f9E47dc14EF04 121a44f9B#code
Twitter	https://twitter.com/TRexbusd
Telegram	https://t.me/TREXBUSDOFFICIAL
Approved By	Encrypto Park



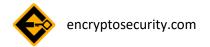


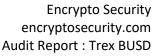




# **TABLE OF CONTENTS**

Encrypto Findings	3
Severity Rate	4
Owner Ability Script	5
User Ability Script	6
Project Description	7
SWC Registry	9





August 28, 2022



# ENCRYPTO FINDINGS

## FRONT END

- Basic web UI design.
- All buttons and inputs are fully functional and clickable.
- Mobile responsive.
- Summary:

By checking and manually testing of all buttons functionality and other features of TrexBUSD's website, The EnCrypto Team for Front End Web Design found no malicious and blank contents from it.

# SMART CONTRACT

Contract Creator

https://bscscan.com/address/0xb3e5190136d6b908e2e95f5e01fea16bc191dca5

Compiler Version: v0.8.14+commit.80d49f37

Contract Source Code: SolidityAudit: Passed

Summary:

As per issues for the auditing review, investors can withdraw half of its capital once it was deposited. By final checking and manually code reading of the TrexBUSD's Smart Contract, the EnCrypto Team found no malicious content, backdoors and scams scripts.





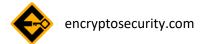
# • SEVERITY RATE

# • SEVERITY DEFINITIONS

CRITICAL	HIGH	MEDIUM	LOШ
Vulnerabilities and issues that are very high prone to be exploited that may result to serious asset loss and at worst case technical and personal data manipulations.	Vulnerabilities and issues that are difficult to be handled, it allows the smart contract to execute by-passes and public accessibility to crucial functions.	Vulnerabilities and issues that needs minimal customization and modification of codes in the smart contract that needs to be fixed as soon as possible not to cause any asset loss.	Vulnerabilities and issues that may not affect directly to the smart contract but can cause high severity, low functionality and overall execution lags on the smart contract itself.

# • SOCCER BUSD SEVERITY OVERVIEW

CRITICAL	HIGH	MEDIUM	LOШ
No critical issues found	Investors/users cannot withdraw its primary capital investment when it was already deposited.  Returns/Profit will be on dividends and referrals.	No medium issues found	No medium issues found







# • OWNER ABILITY SCRIPT

- Withdrawal/Collection of Fees
- Renounce the Smart Contract
- Transfer the smart contract to the new owner.
- Collect Referral Rewards (If the user has no referrer)

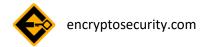






# • USER ABILITY SCRIPT

- Deposit Funds (BUSD)
- Withdraw Funds (BUSD)
- Deposit on Lottery (BUSD)
- Bet Numbers Lottery (BUSD)
- Claim Prize/Rewards
- Claim Rewards
- Claim Referral Rewards
- Unstake Investments





## PROJECT DETAILS

#### TREX BUSD DESCRIPTION

-The Trex BUSD is a BUSD Reward Pool with a minimum investment deposit of 50 BUSD and maximum investment of 50,000 BUSD that gives a fixed 10% Daily Yield.

#### **DEVELOPERS FEE**

- Deposit Fee (Dev and Marketing Fee) 5%
- Withdrawal Fee (Dev and Marketing Fee) 10%

Lottery Dev Fees (Trex Lottery and Lottery Pool)

- Trex BUSD Miner (26%)
- Dev Fee (4%)

## **DEPOSIT (BUSD)**

- Minimum investment deposit of 50 BUSD and Maximum investment of 50,000 BUSD.

#### FIRST CYCLE INVESTMENT

- First Cycle of capital investment cannot be withdrawn by the investors/users but the rewards can withdraw after the cycle of the day.
  - if you unstake your investment you need to pay 50% of your investment.
- This system prevents the investors/users from abusing the system on getting the fixed daily yield and help distribute fair yield to the whole community.

## COMPENSATION REQUIREMENT

- Be sure to request rewards every 24 hours using the rewards button. Once daily rewards are requested, the next reward cycle will begin.
  - The UNSTAKE option will be available to all investors.
- If the investors/user redeemed its capital investment five (5) times the redemption option will be grayed out.

# LOTTERY FEATURE (TREX LOTTERY)

- Trex BUSD feature wherein investor/user can join a lottery game which they can win additional BUSD in different level of betting.
  - Maximum of 10 participants only
  - Silver Lottery 1 BUSD Bet (10 BUSD Reward)
  - Gold Lottery 3 BUSD Bet (30 BUSD Reward)
  - Diamond Lottery 5 BUSD Bet (50 BUSD Reward)







## LOTTERY FEATURE (LOTTERY POOL)

- Trex BUSD feature wherein investor/user can join a time lottery pool game which they can win additional BUSD in different lottery pool.
  - Ticket Entry 1 BUSD
  - Pool Lottery No.1 6 Hours Duration
  - Pool Lottery No.2 12 Hours Duration
  - Pool Lottery No.3 24 Hours Duration

#### WITHDRAWAL

- Rewards can withdraw everyday just remember to claim it within 24 hours.
- Unexpected withdrawal from the investors/user may cause deduction on its commission.
  - Unstake Fee 50% of your investment.

#### **REFERRALS**

- REFERRALS A one-time income of 20% of the value of the underlying investment will be added to the referral "Rewards" when investing in referrals, which may be received directly referral remuneration.





## **SWC REGISTRY**

# **Smart Contract Weakness Classification**

The following table contains an overview of the SWC registry. Each row consists of an SWC identifier (ID), weakness title.

5WC - 100	Function Default Visibility	Passed
5WC - 101	Integer Overflow and Underflow	Passed
SWC - 102	Outdated Compiler Version	Passed
SWC - 103		
5WC - 104		
SWC - 105	Unprotected Ether Withdrawal	
SWC - 106	Unprotected SELFDESTRUCT Instruction	Passed
SWC - 107	Reentrancy	Passed
5WC - 10B	State Variable Default Visibility	Passed
SWC - 109	Uninitialized Storage Pointer	Passed
5WC - 110	Assert Violation	Passed
SWC - 111	SWC - 111 Use of Deprecated Solidity Functions	
SWC - 112	<b>5WC - 112</b> Delegate call to Untrusted Callee	
SWC - 113	DoS with Failed Call	Passed
5WC - 114	Transaction Order Dependence	Passed
SWC - 115	Authorization through tx.origin	Passed
SWC - 116	Block values as a proxy for time	Passed
SWC - 117	Signature Malleability	Passed
SWC - 118	Incorrect Constructor Name	Passed
SWC - 119	Shadowing State Variables	Passed
SWC - 120	Weak Sources of Randomness from Chain Attributes	Passed

## **DISCLAIMER**

EnCrypto Team was only able to review the front-end/web design of the project and audit the Smart Contract itself. Team for the front-end/web design review was only able to check it based on its functionality and web aesthetics. On the side of Smart Contract, audits are analyzed, reviewed, and checked based on quality assurance and accordance to the best industrial standard practices of smart contract creation.

Audits does not guarantee any profit and loss but as an Auditors we will do our best to deliver secured projects. We the EnCrypto Team suggests and encourages all investors and users to "DYOR" Do-Your-Own-Research to avoid any scams and capital loss. Any loss and at worst bankruptcy are not our Team's fault.

