



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**

- **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 | <i>Trex BUSD</i> |
| Launch Date | <i>September 01, 2022</i> |
| Audit Date | <i>August 28, 2022</i> |
| Project Type | <i>ROI Investment</i> |
| Network | <i>BSC</i> |
| Website | <i>https://t-rexbusd.finance/</i> |
| Smart Contracts | <i>https://bscscan.com/address/0xD76dBa4b47C5DE9E4C32e3FA29806fBc085F1931#code https://bscscan.com/address/0x289D2Ce911d411725c82ce3086AC5C540a23A04A#code https://www.bscscan.com/address/0x25DE21E8EdD32Ef182f9E47dc14EF04121a44f9B#code</i> |
| Twitter | <i>https://twitter.com/TRexbusd</i> |
| Telegram | <i>https://t.me/TREXBUSDOFFICIAL</i> |
| Approved By | <i>Encrypto Park</i> |



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- ***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: Solidity
- Audit: 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 | LOW |
|--|---|---|---|
| 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. |

- **SOCER BUSD SEVERITY OVERVIEW**

| CRITICAL | HIGH | MEDIUM | LOW |
|--------------------------|---|------------------------|------------------------|
| 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.

| | | |
|-------------------------|--|----------------------|
| <i>SWC - 100</i> | Function Default Visibility | <i>Passed</i> |
| <i>SWC - 101</i> | Integer Overflow and Underflow | <i>Passed</i> |
| <i>SWC - 102</i> | Outdated Compiler Version | <i>Passed</i> |
| <i>SWC - 103</i> | FloatingPragma | <i>Passed</i> |
| <i>SWC - 104</i> | Unchecked Call Return Value | <i>Passed</i> |
| <i>SWC - 105</i> | Unprotected Ether Withdrawal | <i>Passed</i> |
| <i>SWC - 106</i> | Unprotected SELFDESTRUCT Instruction | <i>Passed</i> |
| <i>SWC - 107</i> | Reentrancy | <i>Passed</i> |
| <i>SWC - 108</i> | State Variable Default Visibility | <i>Passed</i> |
| <i>SWC - 109</i> | Uninitialized Storage Pointer | <i>Passed</i> |
| <i>SWC - 110</i> | Assert Violation | <i>Passed</i> |
| <i>SWC - 111</i> | Use of Deprecated Solidity Functions | <i>Passed</i> |
| <i>SWC - 112</i> | Delegate call to Untrusted Callee | <i>Passed</i> |
| <i>SWC - 113</i> | DoS with Failed Call | <i>Passed</i> |
| <i>SWC - 114</i> | Transaction Order Dependence | <i>Passed</i> |
| <i>SWC - 115</i> | Authorization through tx.origin | <i>Passed</i> |
| <i>SWC - 116</i> | Block values as a proxy for time | <i>Passed</i> |
| <i>SWC - 117</i> | Signature Malleability | <i>Passed</i> |
| <i>SWC - 118</i> | Incorrect Constructor Name | <i>Passed</i> |
| <i>SWC - 119</i> | Shadowing State Variables | <i>Passed</i> |
| <i>SWC - 120</i> | Weak Sources of Randomness from Chain Attributes | <i>Passed</i> |

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.