



# SMART CONTRACT SECURITY AUDIT OF MDTPROTOCOL



SMART CONTRACT AUDIT | SOLIDITY DEVELOPMENT & TESTING | PROJECT EVALUATION

RELENTLESSLY SECURING THE PUBLIC BLOCKCHAIN

# Audit Introduction

<b>Auditing Firm</b>	InterFi Network
<b>Audit Architecture</b>	InterFi Echelon Auditing Standard
<b>Language</b>	Solidity
<b>Client Firm</b>	MdtProtocol
<b>Website</b>	<a href="https://mdt.gg/">https://mdt.gg/</a>
<b>Twitter</b>	<a href="https://twitter.com/mdtProtocol/">https://twitter.com/mdtProtocol/</a>
<b>Github</b>	<a href="https://github.com/mdtProtocol/">https://github.com/mdtProtocol/</a>
<b>Discord</b>	<a href="https://discord.gg/mdtProtocol/">https://discord.gg/mdtProtocol/</a>
<b>Report Date</b>	March 03, 2022

## About MdtProtocol

Premier sniper bot that aims for inclusivity rather than exclusivity; just pay for what you use, we don't collect any upfront payment to use our trading bot.



# Audit Summary

InterFi team has performed a line-by-line manual analysis and automated review of the smart contract. The smart contract was analyzed mainly for common smart contract vulnerabilities, exploits, and manipulation hacks. According to the smart contract audit:

- ❖ MdtProtocol's smart contract source code has **LOW RISK SEVERITY**
- ❖ MdtProtocol's smart contract uses **GNOSIS MULTISIG** to reduce centralization risk
- ❖ MdtProtocol's smart contract has multiple privileges. Centralization risk correlated to the active owner is **LOW**
- ❖ Privileges to watch – **MINT, BLACKLIST, ADD & REMOVE RELAYER**

Be aware that smart contracts deployed on the blockchain aren't resistant to internal exploit, external vulnerability, or hack. For a detailed understanding of risk severity, source code vulnerability, functional hack, and audit disclaimer, kindly refer to the audit.

🔴 mdtERC20 Contract address: **0x1c6ab21DEf24F6361873191e3C52Fc76C6e0CA15**

🔴 mdtLogic Contract address: **0xF4b0Aad56c9d1752983881c1F40F9a5AaE790c11**

🔴 mdtProxy Contract address: **0xc72cB9584bf1C7d1A9422466823c562077126f65**

🔗 Blockchain: **Binance Smart Chain**

✅ Verify the authenticity of this report on InterFi's GitHub: <https://github.com/interfinetwork>



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# Audit Scope

InterFi was consulted by MdtProtocol to conduct the smart contract security audit of their solidity source code. The audit scope of work is strictly limited to the mentioned solidity file(s) only:

- ❖ lmdtLogic.sol
- ❖ mdtERC20.sol
- ❖ mdtLogic.sol
- ❖ mdtProxy.sol

## Solidity Source Code On GitHub

// Private code repository

InterFi

## SHA-1 Hash

Solidity source code is audited at hash #21447048d8af1e2ee387724c7a9a1f82f11d0940

Smart Contract  
Security Audit



# Audit Methodology

The scope of this report is to audit the smart contract source code of MdtProtocol. InterFi has 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:

## Category

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### Smart Contract Vulnerabilities

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

### Requirement Violation

- ❖ Ownership Takeover
- ❖ Gas Limit and Loops

### Source Code Review

- ❖ Deployment Consistency
- ❖ Repository Consistency
- ❖ Data Consistency
- ❖ Token Supply Manipulation
- ❖ Access Control and Authorization
- ❖ Operations Trail and Event Generation

### Functional Assessment

- ❖ Assets Manipulation
- ❖ Liquidity Access



## **InterFi's Echelon Audit Standard**

The aim of InterFi's "Echelon" standard is to analyze the smart contract and identify the vulnerabilities and the hacks in the smart contract. Mentioned are the steps used by ECHELON-1 to assess the smart contract:

1. Solidity smart contract source code reviewal:
  - ❖ Review of the specifications, sources, and instructions provided to InterFi to make sure we understand the size, scope, and functionality of the smart contract.
  - ❖ Manual review of code, which is the process of reading source code line-by-line to identify potential vulnerabilities.
2. Static, Manual, and Software analysis:
  - ❖ Test coverage analysis is the process of determining whether the test cases are covering the code and how much code is exercised when we run those test cases.
  - ❖ Symbolic execution is analyzing a program to determine what inputs cause each part of a program to execute.
3. Best practices review, which is a review of the smart contracts to improve efficiency, effectiveness, clarify, maintainability, security, and control based on the established industry and academic practices, recommendations, and research.
4. Specific, itemized, actionable recommendations to help you take steps to secure your smart contracts

## **Automated 3P frameworks used to assess the smart contract vulnerabilities**

- ❖ Slither
- ❖ Consensys MythX, Mythril
- ❖ SWC Registry
- ❖ Solidity Coverage
- ❖ Open Zeppelin Code Analyzer
- ❖ Solidity Code Compiler



# Risk Classification

Smart contracts are generally designed to manipulate and hold funds denominated in ETH/BNB. This makes them very tempting attack targets, as a successful attack may allow the attacker to directly steal funds from the contract. Below are the typical risk levels of a smart contract:

**Vulnerable:** A contract is vulnerable if it has been flagged by a static analysis tool as such. As we will see later, this means that some contracts may be vulnerable because of a false positive.

**Exploitable:** A contract is exploitable if it is vulnerable and the vulnerability could be exploited by an external attacker. For example, if the “vulnerability” flagged by a tool is in a function that requires owning the contract, it would be vulnerable but not exploitable.

**Exploited:** A contract is exploited if it received a transaction on the main network which triggered one of its vulnerabilities. Therefore, a contract can be vulnerable or even exploitable without having been exploited.

## Smart Contract Security Audit

Risk severity	Meaning
<b>! High</b>	This level vulnerabilities could be exploited easily and can lead to asset loss, data loss, asset, or data manipulation. They should be fixed right away.
<b>! Medium</b>	This level vulnerabilities are hard to exploit but very important to fix, they carry an elevated risk of smart contract manipulation, which can lead to high-risk severity
<b>! Low</b>	This level vulnerabilities should be fixed, as they carry an inherent risk of future exploits, and hacks which may or may not impact the smart contract execution.
<b>! Informational</b>	This level vulnerabilities can be ignored. They are code style violations and informational statements in the code. They may not affect the smart contract execution

























# Static Analysis

Symbol	Meaning
	Function can be modified
	Function is payable
	Function is locked
	Function can be accessed
!	Important functionality

```

| **ImdtLogic** | Interface | |||
| | gnosis | External ! | |NO! |
| |||||
| **mdtERC20** | Implementation | Ownable, ERC20 |||
| | <Constructor> | Public ! |  | ERC20 |
| | mint | External ! |  | onlyOwner |
| | burn | External ! |  | onlyOwner |
| | _approve | Internal  |  | |
| | _beforeTokenTransfer | Internal  |  | |
| |||||
| **mdtLogic** | Implementation | Initializable, ReentrancyGuard, Context |||
| | <Constructor> | Public ! |  | initializer |
| | initialize | External ! |  | initializer |
| | <Receive Ether> | External ! |  |NO! |
| | recoverEth | External ! |  | onlyGnosis |
| | recoverToken | External ! |  | onlyGnosis |
| | rate | External ! | |NO! |
| | setRate | External ! |  | onlyGnosis |
| | gnosis | External ! | |NO! |
| | dollar | External ! | |NO! |
| | royalty | External ! | |NO! |
| | credit | External ! | |NO! |
| | router | External ! | |NO! |
| | share | External ! | |NO! |
| | setShare | External ! |  | onlyGnosis |
| | _setShareDefault | Internal  |  | |
| | governance | External ! | |NO! |
| | setGovernance | External ! |  | onlyGnosis |
| | _setGovernanceDefault | Internal  |  | |
| | discounts | External ! | |NO! |
| | setDiscounts | External ! |  | onlyGnosis |

```



```

| L | _setDiscountsDefault | Internal | 🔒 | 🔴 | |
| L | loyalty | External | ! | | NO! |
| L | setLoyalty | External | ! | 🔴 | onlyGnosis |
| L | _setLoyaltyDefault | Internal | 🔒 | 🔴 | |
| L | relayer | External | ! | | NO! |
| L | addRelayer | External | ! | 🔴 | onlyGnosis |
| L | removeRelayer | External | ! | 🔴 | onlyGnosis |
| L | blacklist | External | ! | | NO! |
| L | addBlacklist | External | ! | 🔴 | onlyRelayer |
| L | removeBlacklist | External | ! | 🔴 | onlyRelayer |
| L | special | External | ! | | NO! |
| L | _addSpecial | Internal | 🔒 | 🔴 | |
| L | _removeSpecial | Internal | 🔒 | 🔴 | |
| L | upgradeSpecial | External | ! | 🔴 | onlyRelayer |
| L | diamond | External | ! | | NO! |
| L | _addDiamond | Internal | 🔒 | 🔴 | |
| L | _removeDiamond | Internal | 🔒 | 🔴 | |
| L | upgradeDiamond | External | ! | 🔴 | onlyRelayer |
| L | gold | External | ! | | NO! |
| L | _addGold | Internal | 🔒 | 🔴 | |
| L | _removeGold | Internal | 🔒 | 🔴 | |
| L | upgradeGold | External | ! | 🔴 | onlyRelayer |
| L | silver | External | ! | | NO! |
| L | _addSilver | Internal | 🔒 | 🔴 | |
| L | _removeSilver | Internal | 🔒 | 🔴 | |
| L | upgradeSilver | External | ! | 🔴 | onlyRelayer |
| L | bronze | External | ! | | NO! |
| L | _addBronze | Internal | 🔒 | 🔴 | |
| L | _removeBronze | Internal | 🔒 | 🔴 | |
| L | upgradeBronze | External | ! | 🔴 | onlyRelayer |
| L | revokeRoles | External | ! | 🔴 | onlyRelayer |
| L | snipe | External | ! | | NO! |
| L | sniper | External | ! | | NO! |
| L | sniperLoyaltyPoint | External | ! | | NO! |
| L | _addSniperLoyaltyPoint | Internal | 🔒 | 🔴 | |
| L | GnosisAddSniperLoyaltyPoint | External | ! | 🔴 | onlyGnosis |
| L | _removeSniperLoyaltyPoint | Internal | 🔒 | 🔴 | |
| L | GnosisRemoveSniperLoyaltyPoint | External | ! | 🔴 | onlyGnosis |
| L | sniperMarksmanStatus | External | ! | | NO! |
| L | _updateSniperMarksmanStatus | Internal | 🔒 | 🔴 | |
| L | GnosisUpdateSniperMarksmanStatus | External | ! | 🔴 | onlyGnosis |
| L | sniperWalletsCount | External | ! | | NO! |
| L | _increaseSniperWalletsCount | Internal | 🔒 | 🔴 | |
| L | GnosisIncreaseSniperWalletsCount | External | ! | 🔴 | onlyGnosis |
| L | _decreaseSniperWalletsCount | Internal | 🔒 | 🔴 | |
| L | GnosisDecreaseSniperWalletsCount | External | ! | 🔴 | onlyGnosis |
| L | _resetSniperWalletsCount | Internal | 🔒 | 🔴 | |
| L | GnosisResetSniperWalletsCount | External | ! | 🔴 | onlyGnosis |
| L | blockchainMultiplier | External | ! | | NO! |
| L | setBlockchainMultiplier | External | ! | 🔴 | onlyGnosis |

```



```
| L | sniperRate | Public ! | |NO! |
| L | mintCredit | External ! | ● | nonReentrant registerSniper |
| L | redeemLoyaltyPoint | External ! | ● | nonReentrant registerSniper |
| L | frontendMarksman | Public ! | |NO! |
| L | activateMarksman | External ! | ● | nonReentrant registerSniper |
| L | frontendWalletsCount | External ! | |NO! |
| L | upgradeWalletsCount | External ! | ● | nonReentrant registerSniper |
| L | executeSnipe | External ! | ● | nonReentrant registerSnipe registerSniper |
| L | _sniperRoleId | Internal 🗝 | | |
| L | version | External ! | |NO! |
|||||
| **mdtProxy** | Implementation | TransparentUpgradeableProxy, Context |||
| L | <Constructor> | Public ! | ● | TransparentUpgradeableProxy |
```

# InterFi

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## Smart Contract Security Audit



# Software Analysis

## Function Signatures

```

50284610 => GnosisAddSniperLoyaltyPoint(address[],uint256)
238c8aad => gnosis()
40c10f19 => mint(address,uint256)
9dc29fac => burn(address,uint256)
104e81ff => _approve(address,address,uint256)
cad3be83 => _beforeTokenTransfer(address,address,uint256)
3641e083 => initialize(uint256,address,address,address,address)
bcd446b => recoverEth()
0d0d6941 => recoverToken(IERC20)
2c4e722e => rate()
34fcf437 => setRate(uint256)
51adeb57 => dollar()
29ee566c => royalty()
a06d083c => credit()
f887ea40 => router()
a8d5fd65 => share()
6bf8e9cc => setShare(uint256,uint256)
7eafb8ac => _setShareDefault()
5aa6e675 => governance()
d6a1056b => setGovernance(uint256,uint256,uint256,uint256,uint256,uint256,uint256)
c628749d => _setGovernanceDefault()
75af65d1 => discounts()
a9608210 =>
setDiscounts(uint256,uint256,uint256,uint256,uint256,uint256,uint256,uint256,uint256,uint256)
175a5b1a => _setDiscountsDefault()
8d16a694 => loyalty()
3ba41f5a => setLoyalty(uint256,uint256,uint256)
cb6a908e => _setLoyaltyDefault()
c9b5ef8e => relayer(address)
dd39f00d => addRelayer(address)
60f0a5ac => removeRelayer(address)
f9f92be4 => blacklist(address)
3d2cc56c => addBlacklist(address[])
7911ef9d => removeBlacklist(address[])
ba791b9a => special(address)
9e66a6f5 => _addSpecial(address)
bbf44fa9 => _removeSpecial(address)
031d47b2 => upgradeSpecial(address[])
d8b40ab7 => diamond(address)
923bd18b => _addDiamond(address)
6d62ccdd => _removeDiamond(address)
71a5cb0d => upgradeDiamond(address[])
88bfb4a4 => gold(address)
6673ef45 => _addGold(address)
369d33ea => _removeGold(address)

```



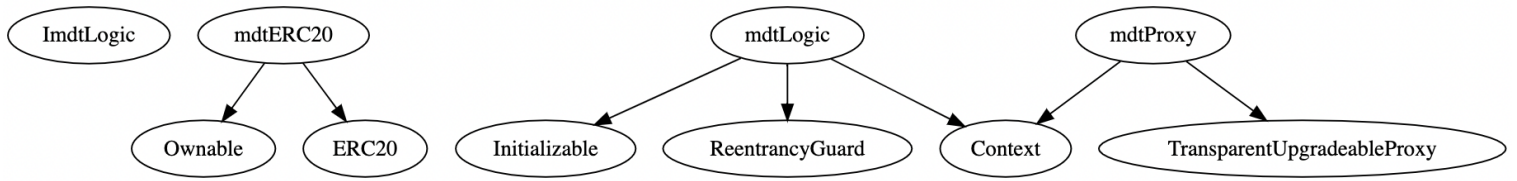
```

a74d803a => upgradeGold(address[])
36fd4464 => silver(address)
9559ae3d => _addSilver(address)
2cd24f24 => _removeSilver(address)
40d40652 => upgradeSilver(address[])
62213f8b => bronze(address)
9d39f4f4 => _addBronze(address)
8103982d => _removeBronze(address)
c379471e => upgradeBronze(address[])
e5ef8405 => revokeRoles(address[])
39b0ff21 => snipe()
0300b50a => sniper()
166da037 => sniperLoyaltyPoint(address)
23cac8a2 => _addSniperLoyaltyPoint(address,uint256)
3bf6562a => _removeSniperLoyaltyPoint(address,uint256)
6314fe6a => GnosisRemoveSniperLoyaltyPoint(address[],uint256)
79f79274 => sniperMarksmanStatus(address)
23b9de35 => _updateSniperMarksmanStatus(address,uint256)
522060da => GnosisUpdateSniperMarksmanStatus(address[],uint256)
002d9463 => sniperWalletsCount(address)
2a6e9d3a => _increaseSniperWalletsCount(address)
18eb6cba => GnosisIncreaseSniperWalletsCount(address[])
c1af65c6 => _decreaseSniperWalletsCount(address)
c3d8ecc5 => GnosisDecreaseSniperWalletsCount(address[])
456c6972 => _resetSniperWalletsCount(address)
541fe8a0 => GnosisResetSniperWalletsCount(address[])
dd507008 => blockchainMultiplier(uint256)
822c6ce8 => setBlockchainMultiplier(uint256,uint256)
a4149770 => sniperRate(uint256,address,uint256)
16717b31 => mintCredit(IERC20,uint256,address)
1d7eb5b4 => redeemLoyaltyPoint(uint256,address)
7efa5062 => frontendMarksman(address)
4faa87b8 => activateMarksman(uint256)
ceebd8bc => frontendWalletsCount(address)
ef35a40e => upgradeWalletsCount()
9d6ec91a => executeSnipe(uint256,uint256,uint256)
93c1297a => _sniperRoleId(address)
54fd4d50 => version()

```



## Inheritance Graph



# InterFi

Smart Contract  
Security Audit



# Manual Analysis

Function	Description	Tested	Verdict
<b>Total Supply</b>	provides information about the total token supply	Yes	<b>Passed</b>
<b>Balance Of</b>	provides account balance of the owner's account	Yes	<b>Passed</b>
<b>Transfer</b>	executes transfers of a specified number of tokens to a specified address	Yes	<b>Passed</b>
<b>Approve</b>	allow a spender to withdraw a set number of tokens from a specified account	Yes	<b>Passed</b>
<b>Allowance</b>	returns a set number of tokens from a spender to the owner	Yes	<b>Passed</b>
<b>Burn</b>	executes transfers of a specified number of tokens to a burn address	Yes	<b>Passed</b>
<b>Mint</b>	executes the creation of a specified number of tokens and adds it to the total supply	Yes	<b>! Low</b>
<b>Blacklist</b>	stops specified wallets from interacting with the smart contract function modules	Yes	<b>Passed</b>
<b>Transfer Ownership</b>	executes transfer of contract ownership to a specified wallet	Yes	<b>Passed</b>
<b>Renounce Ownership</b>	executes transfer of contract ownership to a dead address	Yes	<b>Passed</b>



## Notes

- ❖ Smart contract uses **gnosis multi-sig wallet authorizations** to reduce the centralization risk.
- ❖ Only Gnosis can **add or remove contract relayer**.
- ❖ Only Relayer can **blacklist** wallets from interacting with the contract function modules.
- ❖ mdtProxy.sol smart contract has an upgradability mechanism. The smart contract utilizes **Transparent Upgradeable Proxy**.
- ❖ mdtLogic.sol smart contract **utilizes "ReentrancyGuard"** to prevent reentrant calls to a function. Reentrancy Guard is a contract module that helps prevent reentrant calls to a function. Inheriting from Reentrancy Guard will make the nonReentrant modifier available, which can be applied to functions to make sure there are no nested (reentrant) calls to them.

# InterFi

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## Smart Contract Security Audit





# SWC Attacks

SWC ID	Description	Verdict
<b>SWC-101</b>	Integer Overflow and Underflow	<b>Passed</b>
<b>SWC-102</b>	Outdated Compiler Version	<b>Passed</b>
<b>SWC-103</b>	Floating Pragma	<b>Passed</b>
<b>SWC-104</b>	Unchecked Call Return Value	<b>Passed</b>
<b>SWC-105</b>	Unprotected Ether Withdrawal	<b>Passed</b>
<b>SWC-106</b>	Unprotected SELF-DESTRUCT Instruction	<b>Passed</b>
<b>SWC-107</b>	Re-entrancy	<b>Passed</b>
<b>SWC-108</b>	State Variable Default Visibility	<b>Passed</b>
<b>SWC-109</b>	Uninitialized Storage Pointer	<b>Passed</b>
<b>SWC-110</b>	Assert Violation	<b>Passed</b>
<b>SWC-111</b>	Use of Deprecated Solidity Functions	<b>Passed</b>
<b>SWC-112</b>	Delegate Call to Untrusted Callee	<b>Passed</b>
<b>SWC-113</b>	DoS with Failed Call	<b>Passed</b>
<b>SWC-114</b>	Transaction Order Dependence	<b>Passed</b>
<b>SWC-115</b>	Authorization through tx.origin	<b>Passed</b>
<b>SWC-116</b>	Block values as a proxy for time	<b>Passed</b>
<b>SWC-117</b>	Signature Malleability	<b>Passed</b>
<b>SWC-118</b>	Incorrect Constructor Name	<b>Passed</b>

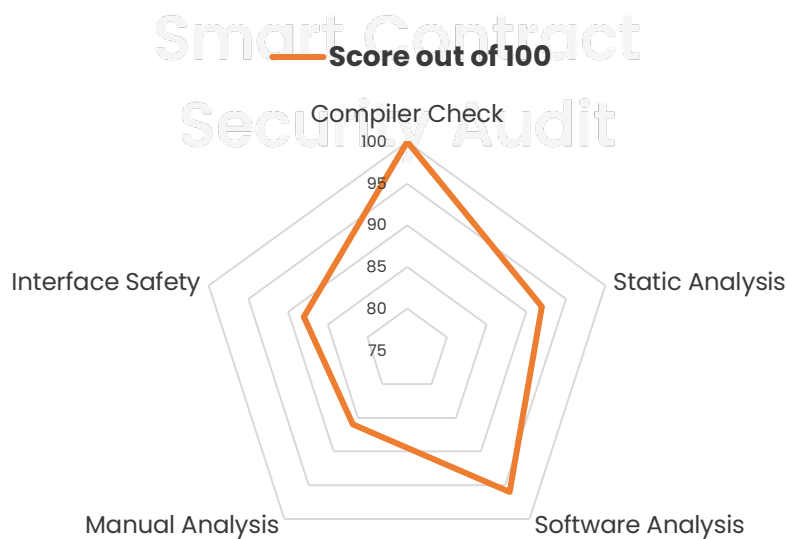


<b>SWC-119</b>	Shadowing State Variables	<b>Passed</b>
<b>SWC-120</b>	Weak Sources of Randomness from Chain Attributes	<b>Passed</b>
<b>SWC-121</b>	Missing Protection against Signature Replay Attacks	<b>Passed</b>
<b>SWC-122</b>	Lack of Proper Signature Verification	<b>Passed</b>
<b>SWC-123</b>	Requirement Violation	<b>Passed</b>
<b>SWC-124</b>	Write to Arbitrary Storage Location	<b>Passed</b>
<b>SWC-125</b>	Incorrect Inheritance Order	<b>Passed</b>
<b>SWC-126</b>	Insufficient Gas Griefing	<b>Passed</b>
<b>SWC-127</b>	Arbitrary Jump with Function Type Variable	<b>Passed</b>
<b>SWC-128</b>	DoS With Block Gas Limit	<b>Passed</b>
<b>SWC-129</b>	Typographical Error	<b>Passed</b>
<b>SWC-130</b>	Right-To-Left-Override control character (U+202E)	<b>Passed</b>
<b>SWC-131</b>	Presence of unused variables	<b>Passed</b>
<b>SWC-132</b>	Unexpected Ether balance	<b>Passed</b>
<b>SWC-133</b>	Hash Collisions With Multiple Variable Length Arguments	<b>Passed</b>
<b>SWC-134</b>	Message call with the hardcoded gas amount	<b>Passed</b>
<b>SWC-135</b>	Code With No Effects (Irrelevant/Dead Code)	<b>Passed</b>
<b>SWC-136</b>	Unencrypted Private Data On-Chain	<b>Passed</b>



# Risk Status & Radar Chart

Risk Severity	Status
<b>! High</b>	No high severity issues identified
<b>! Medium</b>	No medium severity issues identified
<b>! Low</b>	1 low severity issues identified <ul style="list-style-type: none"> <li>❖ Please Review Report</li> </ul>
<b>! Informational</b>	2 informational severity issues identified <ul style="list-style-type: none"> <li>❖ Active Ownership</li> <li>❖ Outdated Compiler</li> </ul>
<b>Verified</b>	54 functions and instances verified and checked



# Auditor's Verdict

InterFi team has performed a line-by-line manual analysis and automated review of the smart contract. The smart contract was analyzed mainly for common smart contract vulnerabilities, exploits, and manipulation hacks.

- ❖ MdtProtocol's smart contract source code has **LOW RISK SEVERITY**
- ❖ MdtProtocol's smart contract uses **GNOSIS MULTISIG** to reduce centralization risk
- ❖ MdtProtocol's smart contract owner has multiple privileges. Centralization risk correlated to the active owner is **LOW**

# InterFi

## Note for stakeholders

- .....
- ❖ Be aware that active smart contract owner privileges constitute an elevated impact on smart contract safety and security.
  - ❖ If the smart contract is not deployed on any blockchain at the time of the audit, the contract can be modified or altered before blockchain development. Verify contract's deployment status in the audit report.
  - ❖ Make sure that the project team's KYC/identity is verified by an independent firm.
  - ❖ Always check if the contract's liquidity is locked. A longer liquidity lock plays an important role in the project's longevity. It is recommended to have multiple liquidity providers.
  - ❖ Examine the unlocked token supply in the owner, developer, or team's private wallets. Understand the project's tokenomics, and make sure the tokens outside of the LP Pair are vested or locked for a longer period.
  - ❖ Ensure that the project's official website is hosted on a trusted platform, and is using an active SSL certificate. The website's domain should be registered for a longer period.



# Important Disclaimer

InterFi Network provides contract development, testing, auditing and project evaluation services for blockchain projects. The purpose of the audit is to analyze the on-chain smart contract source code and to provide a basic overview of the project. **This report should not be transmitted, disclosed, referred to, or relied upon by any person for any purpose without InterFi's prior written consent.**

InterFi provides the easy-to-understand assessment of the project, and the smart contract (otherwise known as the source code). The audit makes no statements or warranties on the security of the code. It also cannot be considered as enough assessment regarding the utility and safety of the code, bug-free status, or any other statements of the contract. While we have used all the data at our disposal to provide the transparent analysis, it is important to note that you should not rely on this report only – we recommend proceeding with several independent audits and a public bug bounty program to ensure the security of smart contracts. **Be aware that smart contracts deployed on a blockchain aren't resistant to external vulnerability, or a hack. Be aware that active smart contract owner privileges constitute an elevated impact on smart contract safety and security. Therefore, InterFi does not guarantee the explicit security of the audited smart contract.**

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.

**This report should not be considered as an endorsement or disapproval of any project or team.**

The information provided in this report does not constitute investment advice, financial advice, trading advice, or any other sort of advice and you should not treat any of the report's content as such. Do conduct your due diligence and consult your financial advisor before making any investment decisions.



# About InterFi Network

InterFi Network provides intelligent blockchain solutions. InterFi is developing an ecosystem that is seamless and responsive. Some of our services: Blockchain Security, Token Launchpad, NFT Marketplace, etc. **InterFi's mission is to interconnect multiple services like Blockchain Security, DeFi, Gaming, and Marketplace under one ecosystem that is seamless, multi-chain compatible, scalable, secure, fast, responsive, and easy to use.**

InterFi is built by a decentralized team of UI experts, contributors, engineers, and enthusiasts from all over the world. Our team currently consists of 6+ core team members, and 10+ casual contributors. **InterFi provides manual, static, and automatic smart contract analysis, to ensure that project is checked against known attacks and potential vulnerabilities.**

To learn more, visit <https://interfi.network>

To view our audit portfolio, visit <https://github.com/interfinetwork>....

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