



Security Assessment

MaticDAO Dapp

Verified on 11/23/2023

SUMMARY

Project

MaticDAO Dapp

CHAIN

Polygon

METHODOLOGY

Manual & Automatic Analysis

FILES

Single

DELIVERY

11/23/2023

TYPE

Standard Audit



1

0

0

0

0

1

Total Findings

Critical

Major

Medium

Minor

Informational

 0 Critical

An exposure that can affect the contract functions in several events that can risk and disrupt the contract

 0 Major

An exposure that can affect the outcome when using the contract that can serve as an opening in manipulating the contract in an unwanted manner

 0 Medium

An opening that could affect the outcome in executing the contract in a specific situation

 0 Minor

An opening but doesn't have an impact on the functionality of the contract

 1 Informational

An opening that consists information but will not risk or affect the contract

STATUS
 **AUDIT PASSED**

TABLE OF CONTENTS | MaticDAO Dapp

| Summary

- Project Summary
- Findings Summary
- Disclaimer
- Scope of Work
- Auditing Approach

| Project Information

- Token/Project Details
- Inheritance Graph
- Call Graph

| Findings

- Issues
- SWC Attacks
- CW Assessment
- Fixes & Recommendation
- Audit Comments

DISCLAIMER | MaticDAO Dapp

ContractWolf audits and reports should not be considered as a form of project's "Advertisement" and does not cover any interaction and assessment from "Project Contract" to "External Contracts" such as PancakeSwap, UniSwap, SushiSwap or similar.

ContractWolf does not provide any warranty on its released report and should not be used as a decision to invest into audited projects.

ContractWolf provides a transparent report to all its "Clients" and to its "Clients Participants" and will not claim any guarantee of bug-free code within its **SMART CONTRACT**.

ContractWolf's presence is to analyze, audit and assess the Client's Smart Contract to find any underlying risk and to eliminate any logic and flow errors within its code.

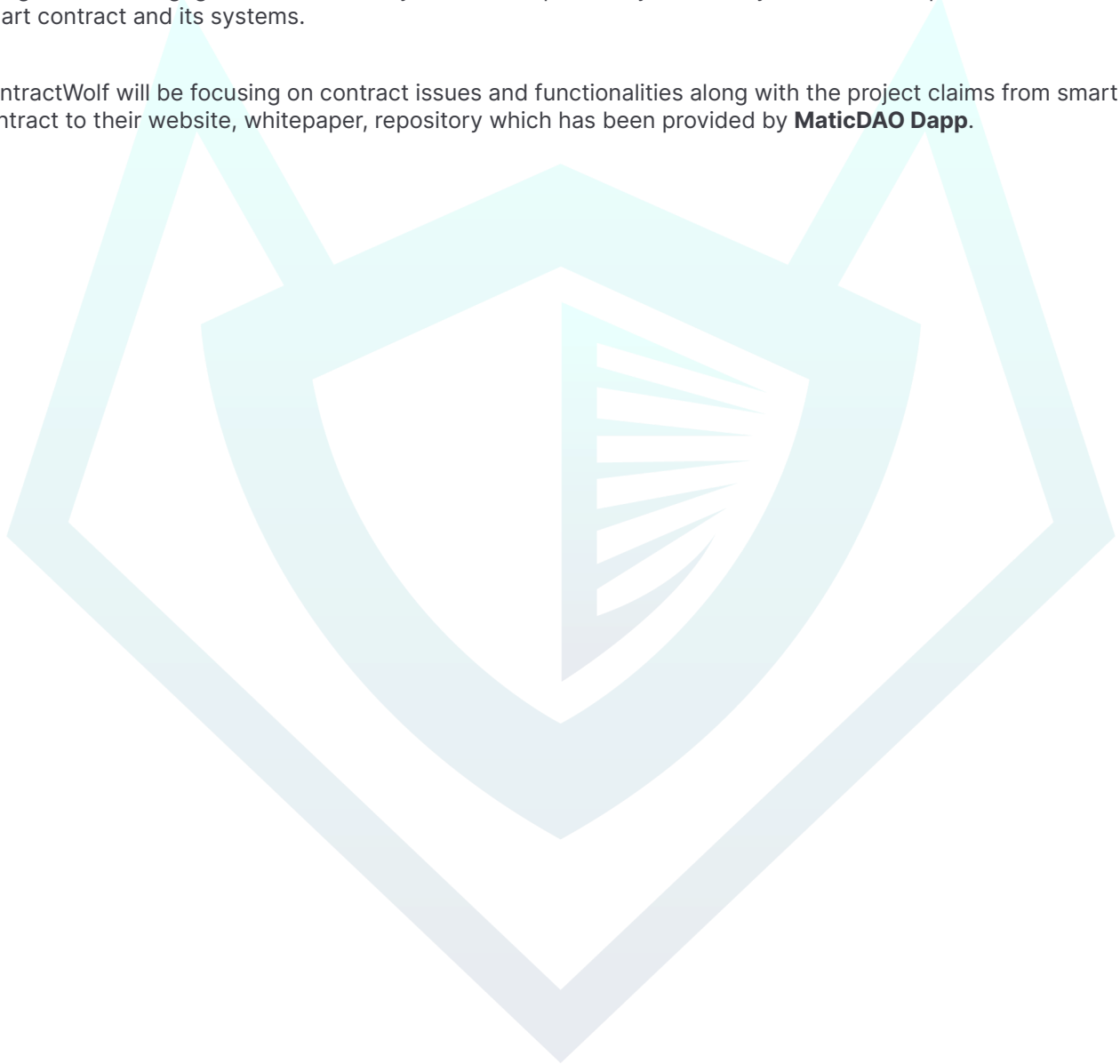
Each company or project should be liable to its security flaws and functionalities.

SCOPE OF WORK | MaticDAO Dapp

MaticDAO Dapp team has agreed and provided us with the files that need to be tested (*Github, BSCscan, Etherscan, Local files etc*). The scope of audit is the main contract.

The goal of this engagement is to identify if there is a possibility of security flaws in the implementation of smart contract and its systems.

ContractWolf will be focusing on contract issues and functionalities along with the project claims from smart contract to their website, whitepaper, repository which has been provided by **MaticDAO Dapp**.



AUDITING APPROACH | MaticDAO Dapp

Every line of code along with its functionalities will undergo manual review to check for security issues, quality of logic and contract scope of inheritance. The manual review will be done by our team that will document any issues that they discovered.

METHODOLOGY

The auditing process follows a routine series of steps :

1. Code review that includes the following :
 - Review of the specifications, sources and instructions provided to ContractWolf to make sure we understand the size, scope and functionality of the smart contract.
 - Manual review of code. Our team will have a process of reading the code line-by-line with the intention of identifying potential vulnerabilities, underlying and hidden security flaws.
2. Testing and automated analysis that includes :
 - Testing the smart contract function with common test cases and scenarios to ensure that it returns the expected results.
3. Best practices and ethical review. The team will review the contract with the aim to improve efficiency, effectiveness, clarifications, maintainability, security and control within the smart contract.
4. Recommendations to help the project take steps to eliminate or minimize threats and secure the smart contract.

TOKEN DETAILS

MaticDAO Dapp



Matic Dao is the world's first perfect fusion of Matic and DEFI to go to the centralized financial autonomous project.

SOURCE

Source

Sent Via local-files

FINDINGS

MaticDAO Dapp



1

0

0

0

0

1

Total Findings

Critical

Major

Medium

Minor

Informational

This report has been prepared to state the issues and vulnerabilities for MaticDAO Dapp through this audit. The goal of this report findings is to identify specifically and fix any underlying issues and errors

ID	Title	File & Line #	Severity	Status
DCW-008	Gas Limit	Files	Informational	Resolved

PENETRATION ATTACKS | MaticDAO Dapp

Smart Contract Weakness Classification and Test Cases

ID	Description	Status
DCW-001	Malware Scan	● Passed
DCW-002	Phishing	● Passed
DCW-003	Missing HTTP Headers	● Passed
DCW-004	Valid SSL Certificate	● Passed
DCW-005	Firewalls(Drop & Deny)	● Passed
DCW-006	SQL Injection	● Passed
DCW-007	Framework Version	● Passed
DCW-008	Gas Limit	● Informational
DCW-009	Address Approval	● Passed
DCW-010	Address Draining	● Passed

FIXES & RECOMMENDATION

DCW-008 | Gas Limit

To prevent a case in which the DAPP requires a high GAS before making a transaction, you may use and add the parameters **gasPrice**, **gasLimit** and/or **maxPriorityFeePerGas** or **maxFeePerGas** to limit the gas requirement.



AUDIT COMMENTS | MaticDAO Dapp

Smart Contract audit comment for a non-technical perspective

- MaticDAO has been marked as SAFE to be interacted with by any EVM wallets *(12-28-2023)*
- DAPP has no backdoors
- DAPP cannot drain wallets via approval





CONTRACTWOLF

Blockchain Security - Smart Contract Audits