

# Consulting as a Service



UNICIS

## Smart Contract Security Audit (UNIV - UniverzToken)

Demonstrate compliance, privacy & security **TRUST** without vulnerability.

### Customer:



UNIVERZ DAO

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E-mail: [info@univerz.io](mailto:info@univerz.io)

### Provider:



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24.03.2023, Berlin

## Terms

This is a limited report on findings based on analysis of cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, as of the date of this report, in accordance with best industry practice. It is critical that you read the entire report to get a complete picture of our analysis. While we conducted analysis and generated this report, it is important to note that you should not rely on it and cannot make a claim against us based on what it says or does not say, or how we generated it, and that you should conduct your own independent investigations before making any decisions. We go into more detail about this in the disclaimer below; please read it thoroughly.

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The security audit analysis is solely based on the smart contracts. There was no security review of applications or operations. There has been no platform code review.

## Document History

Version	Date	Author	Details
0.1	20.02.2023	Predrag Tasevski	Initial Report
0.2	24.02.2023	Predrag Tasevski	Test, QA and Re-test Report
1.0	04.03.2023	Predrag Tasevski	Final Report
1.1	24.03.2023	Predrag Tasevski	Change Contract value to final

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## Executive Summary

Univerz is a revolutionary Smart Contract technology that allows decentralized market participants to engage in personal and business transactions directly. In addition, 20% of the token supply is available for purchase. In terms of price variation, the sale is divided into four stages. Users can purchase tokens in different phases based on phase criteria, and the sale quantity will be considered. If the criteria for the sale phase are met, the contract will automatically move to the next phase of the sale, where the price will be high. In this way, the contract will track and manage price and supply in relation to different scenarios such as supply of phase and price of phase. According to the requirements, when 20% of Univerz is collected, the presale is over.

Users will pay USDT to purchase UniverzTokens, with different minimum purchase criteria varying according to the phases of sale. The user will pay and receive UniverzToken based on the current phase price.

Univerz project team, hired the Unicis.Tech team to perform a Smart Contract Security Audit on a UniverzToken with the following specifications: 4 contracts, total 444 lines of code, and 44 functions, based on ERC20.

The security audit was carried out in six stages: preparation, code review and analysis, testing, reporting, re-testing, and final remediation check. It is solely based on the smart contracts. There was no security review of applications or operations. There has been no platform code review.

Finally, the main goal of the audit was to validate the claims about the security of the smart contract. During the first phase audit, we discovered 0 critical, 4 high, 2 medium, 10 low, 14 informational, and 11 optimization issues. In the first version of this report, we advised the project team to patch the issues that could have a security impact on the contract. We can ensure that the project team followed the recommendations to improve code security and readability during the fifth phase audit. The following is a summary of vulnerabilities discovered after the recommendations were implemented; for more information, please read the full report.

The smart contract has been **VERIFIED** and is ready for deployment.

0	CRITICAL	0	HIGH	0	MEDIUM	0	LOW	12	INFORMATIONAL	11	OPTIMIZATION
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## Assessment Scope

The following organization's smart contract is being evaluated for this report:

Organization	UNIVERZ DAO
Methodology	Accordance with best industry practice such as SWC Registry which is smart contract weakness classification and test cases.
Name	UniverzToken
Contract	0x1f1c8b8CaA6d207C68F1bbf26b8f38AC83fAb086
MD5 Hash	0d32059ae01938e16519265f78d09b85
Token Standard	ERC20
Website	<a href="https://univerz.io/">https://univerz.io/</a>
Twitter	<a href="https://twitter.com/univerz_io">https://twitter.com/univerz_io</a>

## Phases

This report is produced in the following stages:

1. In preparation, the audit team is granted access to a smart contract for the purpose of conducting a preliminary examination and negotiating a specification agreement.
2. Code review and analysis, audit team looking for bugs and vulnerabilities using automated analysis and code review to detect errors.
3. The test, audit teams evaluate any specifications to ensure that a project is carried out in accordance with its intended functionality.
4. Reporting, the audit team creates a detailed report based on the results of the automated and manual reviews. The audit team is collaborating with the project team to better understand smart contract vulnerabilities, mitigation recommendations, and strategy.
5. Re-testing the smart contract code review and logic on previous vulnerability discoveries to determine whether the code has been patched.
6. Remediation check, the final step in which the audit marks which vulnerabilities have been successfully mitigated and patched, as well as whether there are any new bugs or vulnerabilities. Following the checks, the project team receives two reports: one with a short summary and one with details.

## Remediation check

The fifth phase involves designing a re-test audit to ensure that the project team has implemented our recommendations to improve code security and readability.

We can conclude from the fifth phase of this audit that the team has implemented the majority of our recommendations to improve code security and readability. We found 20 patched issues out of a total of 41. During the re-test, we found an additional one low security and one informational security issue, which we advised the project team to fix before deployment.

The smart contract has been **VERIFIED** and is ready for deployment.





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