# Zenith

# 1inch

## Smart Contract
## Security Assessment

VERSION 1.1

# Contents

# 1

## Introduction

## 1.1    About Zenith

Zenith assembles auditors with proven track records: finding critical vulnerabilities in public audit competitions.

Our audits are carried out by a curated team of the industry's top-performing security researchers, selected for your specific codebase, security needs, and budget.

Learn more about us at https://zenith.security.

## 1.2    Disclaimer

This report reflects an analysis conducted within a defined scope and time frame, based on provided materials and documentation. It does not encompass all possible vulnerabilities and should not be considered exhaustive.

The review and accompanying report are presented on an "as-is" and "as-available" basis, without any express or implied warranties.

Furthermore, this report neither endorses any specific project or team nor assures the complete security of the project.

## 1.3    Risk Classification

| SEVERITY LEVEL | IMPACT: HIGH | IMPACT: MEDIUM | IMPACT: LOW |
| --- | --- | --- | --- |
| Likelihood: High | Critical | High | Medium |
| Likelihood: Medium | High | Medium | Low |
| Likelihood: Low | Medium | Low | Low |

# 2

## Executive Summary

## 2.1  About 1inch

The 1inch Network is a decentralized exchange (DEX) aggregator that sources liquidity from various exchanges and is capable of splitting a single trade transaction across multiple DEXs to ensure the best rates. The 1inch Solana cross-chain protocol enables seamless asset transfers and swaps between different blockchain networks, providing users with enhanced liquidity and trading opportunities across multiple chains. The 1inch Fusion+ API is a powerful solution for secure and efficient cross-chain swaps in DeFi that uses a creative architecture of Dutch auctions and automated recovery, all without relying on a single centralized custodian.

## 2.2  Scope

The engagement involved a review of the following targets:

| | |
|---|---|
| **Target** | solana-crosschain-protocol |
| **Repository** | https://github.com/1inch/solana-crosschain-protocol |
| **Commit Hash** | f9268b669a666bd73520cd790bfe6741363e038b |
| **Files** | Diff up to f9268b669a666bd73520cd790bfe6741363e038b |

## 2.3   Audit Timeline

| | |
|---|---|
| **August 7, 2025** | Audit start |
| **August 8, 2025** | Audit end |
| **August 12, 2025** | Report published |

## 2.4   Issues Found

| SEVERITY | COUNT |
|---|---|
| Critical Risk | 0 |
| High Risk | 0 |
| Medium Risk | 0 |
| Low Risk | 0 |
| Informational | 0 |
| **Total Issues** | **0** |