

Security & Transparency

Version 1.1 | Current live-production public review

Security is an ongoing engineering and operational process.

This review explains Taryven's current internal engineering security work, live production state, historical checkpoints, future lifecycle gates, and independent-audit status.

INTERNAL REVIEW

CURRENT LIVE-PRODUCTION REVIEW COMPLETE

The currently reviewed production surface has reached its present internal engineering review checkpoint. Future lifecycle gates remain open.

INDEPENDENT THIRD-PARTY AUDIT

NOT YET COMPLETED

Taryven intends to engage a qualified independent third-party security firm after sufficient Presale funding is available.

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Version 1.1 reflects the current live Presale state and the expanded ParticipantVesting internal review while preserving earlier checkpoints as historical evidence.

Executive Security Summary

Clear status. No audit overstatement.

Taryven treats security as a combination of smart-contract controls, application safeguards, Treasury governance, testing, reconciliation, operational readiness, source-integrity evidence, and transparent project-state reporting.

INTERNAL REVIEW

CURRENT LIVE-PRODUCTION REVIEW COMPLETE

The currently reviewed production surface has reached its present internal engineering review checkpoint.

CURRENT REGRESSION CHECKPOINT

279 PASSING / 0 FAILING

Current complete blockchain regression checkpoint.

PARTICIPANT VESTING

87 PASSING / 0 FAILING

Dedicated ParticipantVesting security suite.

INDEPENDENT AUDIT

NOT YET COMPLETED

Independent third-party audit remains a separate future project milestone.

Passing tests, deployment, internal review, multisignature controls, and future independent audits can reduce risk but cannot guarantee that software is free from vulnerabilities or that digital assets cannot be lost.

Current Security Status

A snapshot of the current production and launch-sensitive state.

ETHEREUM PRESALE

LIVE

Deployed on Ethereum Mainnet. Purchasing is currently enabled.

PRIMARY SAFE

2-OF-3

Presale owner and Treasury authority use three Safe owners with a two-signature threshold.

TRYV

BASE MAINNET DEPLOYED

Production TRYV is deployed on Base Mainnet.

PARTICIPANT VESTING

DEPLOYED / PAUSED

Production ParticipantVesting is deployed on Base Mainnet with TGE unset.

PRESALE DISTRIBUTION

NOT YET DEPLOYED

Production PresaleDistribution has not yet been deployed to Base Mainnet.

REFERRAL DISTRIBUTION

NOT YET DEPLOYED

Production ReferralDistribution has not yet been deployed to Base Mainnet.

INDEPENDENT AUDIT

NOT YET COMPLETED

A qualified independent third-party security firm is intended after sufficient Presale funding is available.

FUTURE PAYMENT CONTRACTS

NOT PRODUCTION DEPLOYED

Future merchant/payment contracts are not represented as active production contracts.

Current & Historical Test Checkpoints

Current evidence and preserved historical context.

CURRENT REVIEW CHECKPOINT

279 CURRENT REGRESSION TESTS PASSING	0 CURRENT REGRESSION FAILURES	87 PARTICIPANT VESTING TESTS PASSING
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The current complete blockchain regression checkpoint reports 279 passing tests and zero failing tests. The dedicated ParticipantVesting suite reports 87 passing tests and zero failing tests.

ParticipantVesting review coverage includes participant-pool limits, seat and beneficiary uniqueness, TRYV backing, vesting boundaries, termination accounting, pause controls, reentrancy protection, ownership protections, and TRYV rescue prohibition.

HISTORICAL PHASE 1 CHECKPOINT

112 passing / 0 failing. This preserved result describes the historical Phase 1 reviewed development scope. It is not presented as the current total number of tests and is not an independent security certification.

Presale Security Controls

Contract-enforced limits and production-verified configuration.

CURRENT STATE

LIVE

Production Presale purchasing is currently enabled on Ethereum Mainnet.

PAYMENT ASSETS

USDC + USDT

Production verification confirmed the configured official Ethereum Mainnet USDC and USDT contracts.

HARD CAP

\$10 MILLION

Contract logic prevents qualifying contributions from exceeding the configured hard cap.

PRICING

SIX STAGES

Pricing and stage-boundary contributions are calculated through Presale contract logic.

ACCOUNTING

ON-CHAIN

Successful purchases create purchaser and global accounting records used for reconciliation.

FINALIZATION

PERMANENT

Once finalized, the Presale cannot be reopened through the normal administrative interface.

Production verification also confirmed the approved Safe ownership and Treasury configuration. These controls are intended to make key Presale constraints contract-enforced rather than dependent only on front-end behavior.

Treasury Protection

Multisignature authority and delayed Treasury replacement.

The production Presale owner and Treasury are controlled by the Taryven Primary Safe rather than a personal Founder wallet. Production verification confirmed three Safe owners with a two-signature threshold.

PRIMARY SAFE

3 OWNERS / THRESHOLD 2

Protected Safe actions require multiple owners.

OWNERSHIP RENUNCIATION

DISABLED

The reviewed Presale prevents accidental abandonment of required ownership authority.

TREASURY REPLACEMENT CONTROL

CONTROL STEP

1. Authorized Safe / owner action

A proposed Treasury replacement does not immediately redirect purchaser payments.

CONTROL STEP

2. Presale must be paused

A proposed Treasury replacement does not immediately redirect purchaser payments.

CONTROL STEP

3. Replacement Treasury is proposed

A proposed Treasury replacement does not immediately redirect purchaser payments.

CONTROL STEP

4. 24-hour delay must elapse

A proposed Treasury replacement does not immediately redirect purchaser payments.

CONTROL STEP

5. Authorized execution completes the change

A proposed Treasury replacement does not immediately redirect purchaser payments.

Distribution & Participant Vesting

Allocation, release, and participant vesting remain distinct.

Presale purchasing records purchaser allocation. It does not make the entire purchaser allocation immediately transferable.

PRESALE DISTRIBUTION

NOT YET BASE MAINNET DEPLOYED

The reviewed architecture uses an authoritative snapshot, Merkle root, wallet-bound proofs, claim accounting, TGE, staged vesting, and pause controls.

PURCHASER RELEASE

25% + 12 x 6.25%

25% at TGE followed by twelve 6.25% releases at 30-day intervals.

PARTICIPANT VESTING

DEPLOYED / PAUSED

Lead Founder, Founder, and Advisor vesting is deployed on Base Mainnet with TGE unset.

PARTICIPANT TESTING

87 PASSING / 0 FAILING

Dedicated security coverage includes allocations, seats, beneficiaries, backing, vesting, termination, claims, pause controls, reentrancy, and ownership.

ParticipantVesting uses fixed role allocations, fixed seat counts, a 75 million TRYV participant-pool cap, one common TGE, a 365-day initial lock, and 24 thirty-day vesting periods. Its production activation gate remains open.

Production PresaleDistribution and ReferralDistribution have not yet been deployed to Base Mainnet. TGE has not been configured.

Snapshot Integrity & Corruption Testing

Distribution data is reconstructed and deliberately challenged.

The reviewed purchaser snapshot process reconstructs Presale allocations from on-chain purchase records rather than relying solely on a manually maintained allocation list.

SOURCE

ON-CHAIN PURCHASE RECORDS

Qualifying purchases are read from Presale accounting.

AGGREGATION

BY WALLET

Purchases are aggregated into beneficiary allocations.

RECONCILIATION

TOTALS REBUILT

Contribution and TRYV allocation totals are reconstructed and compared with contract accounting.

MERKLE DATA

INDEPENDENTLY VERIFIED

The allocation root and beneficiary proofs are regenerated by a separate verification process.

SNAPSHOT VERIFICATION

- Finalized and authoritative snapshot-state checks
- Valid and unique beneficiary wallet addresses
- Positive beneficiary allocations
- Exact allocation-sum equality
- Independently regenerated Merkle root
- Independently regenerated beneficiary proofs

CORRUPTION TESTING

Historical testing deliberately corrupted snapshot totals, beneficiary allocations, Merkle roots, Merkle proofs, zero allocations, and duplicate wallets. All tested corrupted snapshot cases were rejected.

The final authoritative production purchaser snapshot does not yet exist because the Presale remains live.

Fuzz, Invariant & Static Analysis

Adversarial variation supplements deterministic functional tests.

The internal security program includes deterministic randomized testing and accounting invariants intended to challenge assumptions beyond fixed happy-path examples.

RANDOMIZED ACTIVITY

PURCHASERS + AMOUNTS

Randomized purchasers, payment assets, contribution amounts, and ledger reconstruction.

PRICING

BOUNDARY TESTING

Pricing around each Presale stage boundary and hard-cap calculations.

ACCOUNTING

GLOBAL + PER WALLET

Global accounting and individual wallet ledgers are reconstructed and compared.

TOKENOMICS

ALLOCATION CAP

Pricing combinations are checked against the approved Presale & Market Launch allocation ceiling.

HISTORICAL STATIC-ANALYSIS CHECKPOINT

SLITHER

0.11.6

Static-analysis version recorded at the historical Phase 1 checkpoint.

ANALYSIS

22 CONTRACTS / 102 DETECTORS

Historical reviewed checkpoint.

Relevant observations included timestamp usage for Treasury timelocks and vesting, discrete vesting-interval arithmetic, and naming-convention observations. Timing and vesting behavior received explicit boundary testing.

The documented internal Slither output did not identify a Critical or High vulnerability in the reviewed Presale-critical scope. This is an internal analysis result, not an independent security certification.

Production Readiness History

Historical pre-activation evidence and current live state.

Before Presale activation, Taryven preserved a production readiness checkpoint that verified launch-sensitive controls without executing the activation transaction.

NETWORK

ETHEREUM MAINNET

Production network and environment configuration were verified.

AUTHORITY

PRIMARY SAFE

Presale owner and Treasury authority were verified against the approved Safe.

TRANSACTIONS

CONSTRUCTION VERIFIED

Production transaction construction and paused-state rejection were reviewed.

ECONOMICS

PRICING VERIFIED

Pricing, stage boundaries, and UI/contract economics parity were checked.

HISTORICAL PRE-ACTIVATION STATE

At that preserved checkpoint, the production Presale remained paused and not finalized with zero qualifying contributions, zero TRYV purchaser allocation, and zero purchases.

The activation path was verified at that historical checkpoint without executing the activation transaction.

CURRENT STATE

PRESALE LIVE

The Presale has since been authorized for live purchasing and is currently open.

Contract Integrity & Finding Status

Reviewed source fingerprints and lifecycle-aware finding states.

Taryven records cryptographic hashes for reviewed contract source so later comparisons can identify whether security-sensitive source has changed from a preserved checkpoint.

REVIEW SET

TRYV + PRESALE

Production token and Ethereum Presale are included in the preserved review set.

REVIEW SET

DISTRIBUTION CONTRACTS

Purchaser and referral distribution source is included even though production Base Mainnet deployment remains future work.

REVIEW SET

PARTICIPANT VESTING

Production ParticipantVesting source is included in the current internal review.

SOURCE HASH

INTEGRITY EVIDENCE

A matching hash demonstrates source equality to a preserved checkpoint; it does not prove security.

CURRENT MATERIAL INTERNAL-REVIEW STATES

- PRESALE-001 - Resolved
- PRESALE-003 - Resolved
- PRESALE-002 - Remediated; pending production deployment verification
- REFERRAL-001 - Resolved; production verified
- PRESALE-INFO-001 - Resolved; production verified
- PRESALE-INFO-002 - Resolved; production verified
- PARTICIPANT-VESTING-INFO-001 - Open operational gate

PRESALE-002 remains pending because final closure requires future PresaleDistribution deployment, the authoritative final Presale snapshot, Safe-controlled finalization and funding, TGE configuration, and final production verification.

The ParticipantVesting operational gate remains open because the contract is intentionally paused and TGE is unset.

Transparency Commitments

Public information should track the actual project state.

As production systems progress, Taryven intends to publish appropriate information that helps users independently evaluate material project state.

- Verified production smart-contract addresses
- Treasury addresses and multisignature controls
- TRYV maximum supply and allocation information
- Founder and Advisor lock and vesting information
- Presale status
- Tokenomics and White Paper materials
- Internal security-review information
- Independent audit materials when available
- Applicable Taryven-controlled liquidity information

PUBLIC VERSIONING

VERSIONED DOCUMENTS

Published security documents use explicit versions and cryptographic hashes.

CANONICAL SOURCE

TARYVEN.COM

Users should use Taryven.com as the canonical source for current project documents and status.

Transparency does not eliminate risk, but it can make material project activity easier to evaluate independently.

Security Limitations & Independent Audit Status

Security controls reduce risk; they do not eliminate it.

INTERNAL ENGINEERING REVIEW

CURRENT CHECKPOINT COMPLETE

The currently reviewed live-production surface has reached its present internal review checkpoint.

INDEPENDENT THIRD-PARTY AUDIT

NOT YET COMPLETED

Taryven intends to engage a qualified independent third-party security firm after sufficient Presale funding is available.

Taryven does not represent the production contracts or production system as independently audited.

The applicable independent-audit scope must be prepared against the production contracts and deployed system state applicable at the time of engagement. Material external findings should be evaluated, remediated where appropriate, and retested.

SECURITY CANNOT ELIMINATE ALL RISK

- Smart-contract vulnerabilities
- Blockchain or network failures
- Wallet compromise or private-key loss
- Third-party protocol vulnerabilities
- Infrastructure and configuration failures
- Operational mistakes
- Cybersecurity incidents
- Previously unknown attack techniques

Required qualification: Taryven's internal tests, internal findings, static analysis, source hashes, snapshot verification, and other internal security work are not an independent third-party audit and do not guarantee that the system is free from vulnerabilities or immune from loss.