

TARYVEN & TARYVEN PAY

Taryven White Paper

Version 1.0 | Production-reconciled public framework

Payments built for modern commerce.

Taryven is building a non-custodial digital-asset payment and utility ecosystem designed to make supported digital-asset payments more practical for qualifying merchants and customers.

This White Paper describes Taryven's current architecture, objectives, deployed production foundation, planned functionality, and material risks. Planned features and future milestones remain subject to technical, security, legal, regulatory, operational, and other project considerations.

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TRYV is designed and intended to function as a utility token within the Taryven ecosystem. Nothing in this White Paper promises token appreciation, investment return, exchange listing, liquidity, merchant adoption, project revenue, or any particular financial outcome.

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This Master Draft contains Chapters 1-4 for publication-style review. Chapters 5-16 will be added after this visual system is approved.

Executive Summary

A merchant-focused payment ecosystem with customer-controlled wallets.

At the center of the ecosystem is Taryven Pay, a merchant payment platform being developed to make accepting supported digital assets more accessible to qualifying businesses.

Taryven Pay is designed around a non-custodial customer experience. The merchant creates a payment request, the customer reviews and authorizes the blockchain transaction from the customer's own compatible wallet, and the merchant interface monitors the applicable on-chain confirmation.

The customer does not need to surrender custody of a wallet, disclose private keys, or connect a wallet directly to the merchant's terminal as part of the intended payment flow.

Merchants are intended to access Taryven Pay through a web-based merchant portal using compatible computers, tablets, and other supported devices. A dedicated Taryven Pay application is planned as the platform develops.

The ecosystem is supported by TRYV, which is designed and intended to function as a utility token within the Taryven ecosystem. TRYV has an absolute maximum supply of 1,000,000,000 tokens.

PAYMENT MODEL

Non-custodial

Customers authorize from their own compatible wallets.

UTILITY TOKEN

TRYV

Fixed maximum supply of 1 billion TRYV.

MERCHANT ACCESS

Web based

No proprietary Taryven terminal is required simply to participate.

PRODUCTION PRESALE

Deployed / Paused

Purchasing remains intentionally disabled pending launch authorization.

The Payment Problem

Digital payments are essential, but access and implementation are not uniform.

Some lawful businesses face additional underwriting, higher processing costs, reserve requirements, delayed settlement, transaction restrictions, or limited provider access because of processor risk classifications.

Accepting digital assets can create another layer of complexity. Merchants may need to manage payment addresses, blockchain confirmations, customer instructions, transaction records, supported assets, settlement decisions, and wallet workflows without a unified merchant interface.

Customers face their own friction. A digital-asset payment should not require a customer to surrender custody of a wallet or expose sensitive wallet credentials to a merchant.

Taryven is being developed around the belief that a merchant-focused payment layer can make supported blockchain payments more practical while preserving customer control of the transaction.

Taryven is not intended to bypass laws, licensing requirements, compliance obligations, merchant restrictions, or other applicable requirements.

The Taryven Approach

Six design principles define the intended ecosystem.

01

Non-custodial payments

Customers retain control of compatible wallets and authorize their own blockchain transactions.

03

On-chain confirmation

Taryven Pay is designed to monitor applicable blockchain activity and associate qualifying confirmations with merchant orders.

05

TRYV utility

Qualifying merchant and customer activity may participate in TRYV rewards and other ecosystem programs under applicable rules.

02

Merchant payment requests

Verified merchants create orders and present the applicable QR code, payment link, address, amount, or supported payment information.

04

Merchant verification

Operational merchant access is intended to depend on onboarding, business verification, wallet association, and merchant requirements.

06

Expandable architecture

Taryven Pay is intended to evolve toward additional supported assets, merchant functionality, settlement tools, and ecosystem services.

These principles separate the merchant's authenticated operating environment from the customer's wallet. The merchant requests payment; the customer controls authorization; the blockchain provides the transaction record; and Taryven Pay monitors applicable confirmation state.

Taryven Pay

A simpler path into digital-asset payments.

Qualifying merchants are intended to access Taryven Pay through the web-based merchant portal without requiring a proprietary Taryven payment terminal simply to participate.

STEP	PAYMENT FLOW
01	Merchant creates the order
02	Taryven Pay generates the payment request
03	Customer opens the request on the customer's own device
04	Customer reviews and authorizes from a compatible wallet
05	Blockchain transaction is confirmed
06	Merchant interface receives applicable payment status

The merchant terminal remains authenticated as the merchant. The customer uses the customer's own device and wallet to review and sign the blockchain transaction.

Taryven Pay is intended for a broad range of qualifying lawful businesses. Depending on applicable law, regulation, licensing, compliance, technical capabilities, and Taryven merchant policies, this may include businesses that experience limited, costly, or inconsistent access to conventional payment-processing services.

Taryven does not guarantee that every merchant, industry, transaction type, asset, or jurisdiction will be supported.

TWO-SITE ARCHITECTURE

TARYVEN.COM

Public ecosystem

Public Taryven and TRYV information, Presale participation, purchaser dashboard, merchant onboarding, Tokenomics, White Paper, security information, disclosures, and public ecosystem metrics.

TARYVENPAY.COM

Merchant operations

Intended authenticated merchant access, payment requests, QR generation, transaction monitoring, history, settlement tools, and related merchant functionality.

Separating the two functions allows Taryven.com to operate as the public ecosystem entry point while TaryvenPay.com focuses on authenticated merchant operations as those production services are released.

Merchant Network & Verification

The business is the qualifying merchant.

Merchant adoption is central to Taryven's intended utility model. A qualifying Taryven merchant is more than a connected wallet. The business itself is the qualifying entity.

Merchant onboarding may require company or legal business name, public-facing business name where applicable, telephone number, business address, industry type, applicable sales-tax or business-license information, a qualifying merchant wallet, acceptance of applicable terms, and other information reasonably required for verification.

Taryven's merchant workflow is designed to distinguish application, approval, provisioning, and on-chain merchant verification. An application alone does not make a business a verified Taryven merchant.

Duplicate applications, wallet changes, or minor variations in business information are not intended to create additional qualifying merchant identities.

Taryven intends to make appropriate merchant-network information publicly visible while keeping private verification records and other sensitive onboarding information out of the public directory.

APPLICATION

Business identity

Merchant submits the required business and wallet information.

PROVISIONING

Operational setup

Approved merchant access and required platform records are provisioned.

APPROVAL

Eligibility review

Approval reflects the applicable merchant-review decision.

ON-CHAIN VERIFICATION

Verified merchant

The applicable production verification step establishes verified merchant status.

TRYV Utility & Ecosystem

Utility designed around ecosystem activity.

TRYV is designed and intended to function as the native utility token of the Taryven ecosystem.

Taryven's objective is to develop TRYV alongside Taryven Pay so token utility can grow through actual merchant participation, customer activity, rewards, merchant acquisition, ecosystem expansion, partnerships, and other Taryven services.

MERCHANT & CUSTOMER REWARDS

200M TRYV

Reserved for qualifying merchant and customer activity under applicable program rules.

ECOSYSTEM GROWTH

Defined allocations

May support integrations, partnerships, merchant adoption, infrastructure, development, and ecosystem expansion.

MERCHANT REFERRAL PROGRAM

20M TRYV

Planned standard reward of 1,000 TRYV per qualifying verified merchant.

CONTROLLED CIRCULATION

Allocation is not circulation

Applicable release, vesting, reward, or authorized-use conditions must first be satisfied.

The existence of TRYV utility does not guarantee merchant adoption, customer adoption, token demand, liquidity, appreciation, or any financial return.

TRYV Presale

Six pricing stages, a \$10 million maximum hard cap, and staged purchaser release.

The TRYV Presale is designed to support development and launch of the Taryven ecosystem while allocating TRYV to qualifying early participants according to predefined contract-controlled pricing.

PRICE RANGE

\$0.030 - \$0.055

Six contract-controlled contribution stages.

HARD CAP

\$10,000,000

Maximum qualifying Presale contributions.

DEVELOPMENT MILESTONE

\$1,500,000

A development and launch milestone, not an automatic-refund threshold.

MINIMUM PURCHASE

\$25

Configured minimum qualifying Presale purchase.

SIX-STAGE PRESALE PRICING

Stage	Cumulative Raise	TRYV Price
1	\$0 - \$500,000	\$0.030
2	\$500,000 - \$1,500,000	\$0.035
3	\$1,500,000 - \$3,000,000	\$0.040
4	\$3,000,000 - \$5,000,000	\$0.045
5	\$5,000,000 - \$7,500,000	\$0.050
6	\$7,500,000 - \$10,000,000	\$0.055

The six pricing stages progress from \$0.030 to \$0.055 per TRYV as cumulative qualifying contributions move through the configured stage boundaries.

The \$1.5 million figure used in Taryven planning is a development and launch milestone. It is not an automatic-refund threshold.

QUALIFYING PAYMENT ASSETS

The production Presale is configured for specifically approved Ethereum Mainnet USDC and USDT payment-token contracts. Arbitrary ERC-20 assets are not qualifying Presale payment assets.

PURCHASER RELEASE & PRESALE RISK

Presale purchaser TRYV follows a staged release schedule: 25% at TGE, followed by 12 installments of 6.25% of the purchaser's original allocation every 30 days for the remaining 75%.

TGE is currently unset. No specific TGE date should be assumed until Taryven formally establishes it.

AT TGE	MONTHLY RELEASES	EACH INSTALLMENT
25%	12	6.25%
Twenty-five percent of the purchaser's original TRYV allocation is scheduled to become available at TGE.	The remaining 75% is scheduled across twelve release intervals, one every 30 days.	Each installment equals 6.25% of the purchaser's original TRYV allocation.

Presale participation involves substantial risk. There is no guaranteed exchange listing, liquidity level, market value, TGE date, merchant adoption, project outcome, investment return, or automatic refund mechanism merely because a milestone or expected outcome is not achieved.

Founder & Advisory Structure

Long-term participation, not immediate liquidity.

Taryven's current organizational framework includes one Lead Founder, four Founder positions, and six Advisory positions.

A maximum of 75,000,000 TRYV, representing 7.5% of maximum supply, is assigned to the Founder and Advisory category.

FOUNDER & ADVISORY ALLOCATION

Position	Seats	TRYV Each	Total TRYV
Lead Founder	1	19,000,000	19,000,000
Founder	4	8,000,000	32,000,000
Advisor	6	4,000,000	24,000,000
TOTAL	11	-	75,000,000

COMMON VESTING STRUCTURE

INITIAL LOCK

12 months

Lead Founder, Founder, and Advisor allocations begin with the same initial lock.

AUTOMATIC TGE RELEASE

0%

Founder and Advisor allocations have zero automatic TGE circulation.

VESTING PERIOD

24 months

After the lock, allocations vest in equal installments every 30 days.

LEAD FOUNDER

No early exemption

The Lead Founder follows the same core lock and vesting schedule.

Under the current departure policy, vested TRYV remains with the participant while applicable unvested TRYV is forfeited and returned to the Taryven Treasury when a Founder or Advisor leaves during vesting.

Founder and Advisory positions do not provide unrestricted unilateral authority over Treasury assets, protected smart-contract functions, or participant funds.

Production Architecture

Separate responsibilities. Controlled authority.

Taryven uses separate blockchain, Treasury, application, database, and operational components rather than concentrating the entire ecosystem into one contract or one wallet.

ETHEREUM MAINNET

Production Presale

The production Presale operates on Ethereum Mainnet and handles qualifying Presale purchasing and purchaser accounting.

TARYVEN.COM

Public application layer

Taryven.com provides the public ecosystem entry point, Presale interface, purchaser dashboard, merchant onboarding, documents, and public metrics.

BASE MAINNET

TRYV + participant vesting

TRYV and participant vesting infrastructure use Base Mainnet.

PRIMARY SAFE

Protected authority

Major production Presale authority is controlled by the Taryven Primary Safe, configured as production Presale owner and Treasury.

PRESALE CONTRACT RESPONSIBILITIES

The production Presale accepts only specifically configured USDC and USDT payment-token contracts. Purchaser accounting, pricing stages, hard-cap enforcement, Treasury routing, pause controls, and permanent finalization are enforced through the Presale contract.

Separating responsibilities reduces reliance on a single contract, wallet, or application component and makes production state easier to verify independently.

Treasury & Administrative Controls

Protected actions require controlled authority.

PRIMARY SAFE

2-of-3

The production Presale owner and Treasury authority use a two-of-three signing threshold.

TREASURY REPLACEMENT

24-hour delay

Replacement requires owner authorization, a paused Presale, a proposed replacement, the delay period, and authorized execution.

FINALIZATION

Permanent

Permanent Presale finalization cannot be reversed through the normal administrative interface.

PRESALE ACTIVATION

Paused by default

Enabling purchasing requires an authorized Safe transaction to call the Presale unpause function.

OWNERSHIP

Renunciation disabled

Reviewed Presale ownership cannot be accidentally abandoned through ownership renunciation.

OPERATIONAL WALLETS

Downstream only

Purpose-specific wallets may be funded from the Safe but do not replace it as the principal Treasury control structure.

TREASURY CHANGE CONTROL

Step	Required condition
1	Authorized owner / Safe action
2	Presale must be paused
3	Replacement Treasury is proposed
4	24-hour delay must elapse
5	Authorized execution completes the change

A proposed Treasury replacement does not immediately redirect purchaser payments. The delay creates an additional control period before a replacement can become effective.

Security & Transparency

Internal review is not an independent audit.

Taryven has conducted a structured internal engineering security-review program covering smart-contract functionality, adversarial behavior, boundary conditions, access controls, accounting integrity, fuzz and invariant testing, static analysis, snapshot integrity, corruption testing, and integration behavior.

HISTORICAL PHASE 1

112 passing / 0 failing

Earlier Phase 1 internal testing recorded 112 passing blockchain tests and zero failing tests for that reviewed development checkpoint.

INDEPENDENT REVIEW

Pending

Independent third-party review of applicable production-critical smart-contract scope remains a separate project milestone.

PRODUCTION READINESS

Continued verification

Security work continued beyond the historical test checkpoint through production deployment and operational-readiness verification.

TRANSPARENCY

Publicly observable state

Taryven intends to publish appropriate production contract, Treasury, Tokenomics, security, Presale, and liquidity information.

Taryven's internal engineering security review is not an independent third-party security audit. Independent review of applicable production-critical smart-contract scope remains a separate project milestone.

Internal testing, static analysis, multisignature controls, code review, and independent audits can reduce risk. They cannot guarantee that software is free from every vulnerability or that digital assets cannot be lost.

Current Project Status

What exists today, what remains intentionally inactive, and what is still future work.

DEPLOYED / VERIFIED

Production foundation

Production TRYV foundation, Ethereum Presale, Base participant vesting infrastructure, Primary Safe authority, Taryven.com production application, Presale indexing and reconciliation foundation, and production Presale operational-readiness controls.

FUTURE / UNDEPLOYED

Merchant payment contracts

Production Merchant Registry, Payment Router, Rewards Vault, settlement, distribution, and other future Base merchant/payment components are not represented as live production services until applicable deployment and verification milestones are completed.

INTENTIONALLY INACTIVE

Launch-sensitive functions

Founder and Advisor production enrollment remains locked while applicable launch, funding, and operational prerequisites are completed.

PENDING

Independent security review

Independent third-party review of applicable production-critical smart-contract scope remains pending and is separate from Taryven's internal engineering security review.

CURRENT LAUNCH STATE

Area	Current state
Ethereum Presale	Deployed / purchasing paused
TGE	Unset
Founder / Advisor enrollment	Locked
Independent third-party review	Pending
Future merchant/payment contracts	Not production deployed

Deployment is not the same as activation. Taryven distinguishes deployed production infrastructure from launch-sensitive functions that remain intentionally inactive.

Development Roadmap

Building by milestone, not by hype.

Taryven's roadmap is based on development and readiness milestones rather than guaranteed calendar dates.

01-06

Completed milestones

Core architecture and prototype; TRYV and Presale smart-contract foundation; internal security review and hardening; production contract and Treasury deployment; production application deployment; Presale operational readiness.

08-10

Upcoming

Founder and Advisory formation; merchant-network formation; TRYV Presale activation.

07

Current milestone

Public documentation, legal, and launch preparation.

11-14

Post-Presale launch & future milestones

Independent smart-contract security review as a post-Presale-launch milestone; TGE, purchaser distribution and market launch; Taryven Pay production contracts and merchant payments; rewards, referrals and ecosystem expansion.

Roadmap scope, sequence, timing, and implementation may change because of security findings, legal or regulatory requirements, technical limitations, funding, market conditions, merchant feedback, infrastructure requirements, available resources, partnerships, or other project considerations.

Material Risks

Digital assets and developing platforms involve risk.

SMART CONTRACT

Technical risk

Previously unknown vulnerabilities, implementation errors, or contract interactions may cause loss or disruption.

SELF-CUSTODY

Wallet risk

Loss of private keys, seed phrases, recovery information, or wallet access may result in permanent loss of associated digital assets.

REGULATORY

Legal risk

Laws, regulations, licensing requirements, classifications, and compliance obligations may change or differ by jurisdiction.

BLOCKCHAIN

Network risk

Congestion, chain failures, reorganization, third-party protocol issues, or infrastructure problems may affect operation.

CYBERSECURITY

Operational risk

Infrastructure failures, database or indexing errors, configuration mistakes, compromise, and other incidents may affect services.

MARKET & LIQUIDITY

Economic risk

TRYV may experience significant volatility, limited liquidity, and substantial or complete loss of economic value.

Confirmed blockchain transactions may be irreversible. Presale participation adds additional development, launch, security, regulatory, liquidity, adoption, and project-execution risks.

TRYV's market value, if public trading develops, may rise or fall substantially. Liquidity may be limited, market prices may experience significant volatility, and TRYV may lose substantial or all economic value.

Forward-Looking Statements

Plans and objectives are not guarantees.

This White Paper contains statements about planned products, future functionality, merchant growth, security work, liquidity, rewards, applications, integrations, market launch, and other future objectives.

Words such as intend, plan, expect, target, anticipate, may, aim, develop, future, planned, and objective describe current expectations and may identify forward-looking statements.

Actual development, timing, functionality, adoption, costs, regulatory requirements, and outcomes may differ materially from current expectations.

CURRENT FACT

Production state

Statements describing deployed contracts, current pause state, TGE status, and other verified production conditions describe the reviewed current state.

FORWARD LOOKING

Plans and targets

Future products, integrations, liquidity, listings, adoption, roadmap timing, and market-launch objectives remain subject to change.

Readers should distinguish current verified project state from planned functionality and future objectives.

No Guaranteed Outcomes & Tokenomics Reference

TRYV is not a promise of financial return.

Nothing in this White Paper should be interpreted as a promise or guarantee of profit, investment return, token appreciation, market value, liquidity, merchant adoption, customer adoption, project revenue, exchange listing, DEX price, financial performance, or any particular economic outcome.

Taryven does not promise that TRYV will increase in value. Fixed maximum supply, Founder locks, purchaser release schedules, rewards allocations, Treasury controls, or liquidity plans do not guarantee future market performance.

No particular exchange or DEX listing is guaranteed. If public trading develops, market activity and available liquidity will determine TRYV's market price.

DETAILED ECONOMIC FRAMEWORK

The complete TRYV supply, allocation, Presale pricing, release schedules, Founder and Advisor vesting, rewards, referral, reserves, liquidity, and circulation framework is maintained in the official Taryven Tokenomics Version 1.0.

WHITE PAPER

Version 1.0

Taryven Pay, TRYV utility, production architecture, security, roadmap, current status, and material risks.

SECURITY

Version 1.0

Security & Transparency Review covering internal review, production readiness, controls, and independent-review status.

TOKENOMICS

Version 1.0

Canonical detailed TRYV supply, allocation, Presale economics, release schedules, rewards, reserves, and liquidity framework.

CANONICAL SOURCE

Taryven.com

Use the current version published through Taryven.com unless Taryven expressly identifies another canonical source.

DOCUMENT INFORMATION

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Project information may evolve as development, security review, legal and regulatory requirements, merchant functionality, launch preparation, and other project work continues. When an updated version is published through Taryven.com, the current canonical version should be used.