MegPrime

Whitepaper MegPrime Token (MPP)

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1. Executive Summary

MegPrime is a blockchain-based transaction coordination platform designed to standardize how real-world payment activity is represented, verified, and interpreted within a single on-chain framework. Rather than operating as a standalone payments application or accounting system, the platform provides a unified settlement and measurement layer through which transactions originating from different categories, such as housing, utilities, mobility, and retail, can be processed under consistent rules once they enter the *MegPrime* environment.

At the center of the *MegPrime* architecture is MPP, the platform's native on-chain utility token. MPP functions as the sole settlement unit for all activity that the system recognizes as economic participation. While users may initiate payments through multiple funding pathways, only transactions that ultimately settle in MPP are recorded within the platform's internal logic and become eligible for recognition and rule-based handling within the platform. This design establishes a clear boundary between payment initiation and settlement, ensuring that all recognized activity interacts with a single on-chain asset governed by deterministic rules.

The platform uses Gross Payment Volume (GPV) as a system-level measurement of verified MPP-settled activity. GPV represents the aggregate value of transactions that have settled in MPP and passed the platform's verification and compliance checks. It is not a financial reporting metric or an external accounting construct; rather, it functions as an internal control variable that determines when and how additional MPP may be minted.

Token minting follows a strictly rule-based structure. MPP operates under a fixed maximum supply of 120 billion tokens, establishing an upper bound on total minting. At genesis, 20 billion MPP is minted into the treasury to support platform operations, ecosystem programs, and liquidity needs. Circulating supply at launch is intentionally limited, beginning with 2.5 million MPP released at the Token Generation Event (TGE) for functional liquidity purposes. Additional MPP may be minted into the treasury only when verified daily GPV exceeds predefined thresholds, and only in accordance with a fixed minting formula embedded in the system design.

MPP is designed exclusively for functional use within the *MegPrime* ecosystem. Minting, distribution, and circulation are governed by predefined rules rather than discretionary intervention or market-responsive mechanisms.

By anchoring settlement and minting to verified on-chain activity, *MegPrime* establishes a framework in which system growth is driven by observable participation rather than speculative demand. The platform is positioned as an infrastructure layer for coordinating and interpreting transactions within a blockchain environment, with a narrow, clearly defined token role and transparent supply mechanics. Its design prioritizes determinism, auditability of rules, and regulatory coherence, while maintaining clear boundaries around what MPP is and is not intended to represent.

2. Introduction

Digital transactions have become increasingly embedded in everyday life, yet the infrastructure supporting them remains fragmented. Housing payments, utilities, mobility services, and retail commerce each operate through independent systems that rarely interact, even when they serve the same user. These silos require consumers and businesses to manage parallel accounts, reconcile separate records, and navigate inconsistent rules for how activity is measured and rewarded. For service providers, the lack of a shared environment limits the ability to analyze behavior across sectors or design integrated offerings that reflect how people actually live and spend.

MegPrime was developed to address this structural disconnect. Rather than introducing another standalone payments solution, the platform, operating within the broader ecosystem, provides a unified framework for recording and interpreting real-world transactions across multiple categories. Its design allows activity from different sectors to be captured under a single platform-level measurement layer, creating a consistent view of how value moves through the system. The aim is not to redefine payments, but to organize them in a way that reflects their underlying relationships and reduces the operational complexity created by fragmented architectures.

At the center of this framework is Gross Payment Volume (GPV), the aggregate value of verified transactions processed through the *MegPrime* environment. GPV functions as the platform's primary indicator of economic throughput. It provides an objective, auditable basis for determining how the system scales and how its native utility token, MPP, is minted and becomes available to enter circulation. Once daily GPV reaches USD 10 million, the protocol becomes eligible to mint additional MPP; for every USD 100,000 in incremental verified volume, 5,000 MPP are created and added to the treasury. This mechanism ensures that token supply expands only when supported by measurable activity rather than speculative demand.

The MPP token exists solely to support functionality within the app and the underlying platform. It does not confer ownership interests in *MegPrime*, governance authority, or expectations of profit. Its purpose is operational: it enables access to features within the *MegPrime* application and facilitates minting participation incentives that recognize actual usage. This structure, together with the deterministic minting model and the closed nature of the application environment, underpins the token's regulatory treatment. *MegPrime* has received a no-action letter from the U.S. Securities and Exchange Commission (SEC). That letter confirms that the SEC's Division of Corporation Finance will not recommend enforcement action based on the fact that the MPP utility token constitutes a security under the United States federal securities laws.[1]

By anchoring token behavior to verified payment flows, *MegPrime* establishes an operating model in which incentives, data integrity, and system growth are closely aligned. The platform is not positioned as a financial product or investment scheme; it is an infrastructure layer designed to measure and coordinate real-world transactions across sectors that are currently separated by design rather than necessity. This approach reflects a broader trend toward integrated digital environments and provides a technical foundation capable of supporting that transition without introducing speculative or discretionary elements into the economic model.

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[1] The SEC's no-action letter is available at SEC.gov | MegPrime Holding LLC .

3. Ecosystem Overview

MegPrime is structured as a unified settlement and measurement ecosystem that records and evaluates real-world payment activity. The platform's architecture is designed to ensure that payments initiated across different categories—such as housing, utilities, mobility, or retail—are processed under consistent rules, even when they originate from different funding methods. This approach addresses a common limitation in existing digital ecosystems, where fragmented rails and heterogeneous data models prevent platforms from interpreting payment activity in an integrated and verifiable way.

At the center of the *MegPrime* ecosystem is the rule that all GPV-relevant transactions must settle in MPP, the platform's native utility token. Although users may fund payments in different ways, the internal model is anchored exclusively in MPP. This creates a clean boundary between payment *initiation* (which may involve multiple external assets) and payment *settlement* (which is standardized and uniform). By enforcing MPP as the settlement mechanism, the platform preserves a coherent economic model and ensures that all recognized activity is recorded in a format that is comparable, auditable, and insulated from external volatility.

3.1. Payment Initiation Methods and Eligibility

Users can initiate transactions through three pathways, each of which interacts differently with the system's settlement logic.

3.1.1. MPP Payments

When users pay directly in MPP within the app, the transaction is processed entirely inside the *MegPrime* environment. This is the primary settlement pathway and represents the core mechanism through which the system recognizes economic activity. These transactions are immediately eligible for inclusion in GPV and for participation benefits, subject to verification rules.

3.1.2. MPP-Enabled Card

A later phase of the app will incorporate a card issued by a third party provider. Although the card allows users to fund transactions with fiat or stablecoins, the backend converts the authorized amount into MPP before transmitting the settlement instruction into the *MegPrime* system. For users, the experience remains consistent: the payment appears in MPP inside the application, regardless of the underlying funding source. Because these transactions settle in MPP, they qualify for GPV and participation benefits once verified.

3.1.3. Bill Pay

Bill Pay is a revolutionary payment functionality within the *MegPrime* ecosystem. This bridges the gap between cryptocurrency and traditional financial payments. Bill Pay enables users to seamlessly pay everyday bills such as rent, mortgages, and other recurring expenses directly using MPP tokens, without requiring recipients to accept cryptocurrency or even understand blockchain. Through integration with licensed third-party payment processors, Bill Pay will

allow for conversion of MPP tokens to a stablecoin, then to USD, finally delivering payments via traditional fiat payment rails such as ACH. This provides the bridge between Web3 and Web2 payments allowing users to pay in MPP and earn rewards with no changes as to how the payee accepts payment.

3.1.4. Stablecoin Payments

Users may also initiate payments using a stablecoin. These transactions are accepted as a convenience for users who prefer to operate in a stablecoin prior to conversion. However, a stablecoin is not a settlement asset within the *MegPrime* platform. If a user pays in a stablecoin without converting to MPP, the transaction is treated as external activity: it does not settle in MPP, does not contribute to GPV, and does not generate participation benefits. Merchants may receive stablecoins or fiat depending on their configuration, but these transactions do not interact with the internal economic model. Users who wish for the transaction to count as rewards-eligible activity must convert stablecoins to MPP prior to payment.

3.2.   Internal Settlement Architecture

Although multiple funding methods are permitted, settlement inside *MegPrime* always occurs in MPP for any transaction intended to be recognized within the platform's economic model. This is a deterministic rule. MPP is the system's internal unit of account, and all GPV-qualified payments must be denominated and settled in MPP. This design isolates the platform's accounting logic from variations in external payment rails and asset behavior.

Once a transaction is settled in MPP, the platform applies verification procedures to confirm eligibility for GPV inclusion. Verification includes validation of user identity, confirmation of transaction type, compliance checks within the application flow, and reconciliation against the platform's internal ledger. This process ensures that GPV reflects genuine, on-platform participation rather than activity that the system cannot reliably interpret.

3.3.   Gross Payment Volume (GPV)

GPV represents the aggregate value of verified MPP-settled transactions within a defined period and functions as the ecosystem's principal indicator of economic throughput. Because only MPP-settled transactions qualify, GPV is structurally insulated from inconsistencies created by differing currencies, exchange rates, or external settlement conditions. GPV is therefore intended to provide a stable, comparable, and auditable measure of platform activity.

GPV is not a marketing metric; it is a control variable. It governs the deterministic minting of MPP into the treasury. Once daily GPV reaches USD 10 million, the platform becomes eligible to mint additional MPP. For every USD 100,000 in incremental GPV, 5,000 MPP are minted and added to the treasury. This rule-based mechanism links token supply expansion directly to verifiable economic behavior.

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3.4.   Merchant Payout Flexibility via the Proprietary Routing Layer

MegPrime incorporates a proprietary routing layer, which determines how merchants receive payouts once a transaction has been settled in MPP. This layer operates after settlement and does not alter the MPP-denominated accounting that underpins GPV.

3.5.   Multi-Layer Operational Model

The platform's architecture can be summarized across three layers, each of which plays a distinct role:

3.5.1.   Entry layer
Users initiate payments via MPP, the MPP-enabled card, or a stablecoin. Only transactions routed through MPP (directly or via card conversion) are eligible for recognition.

3.5.2.   Settlement Layer
All recognized transactions settle in MPP inside the *MegPrime* environment. Stablecoin transactions remain external unless voluntarily converted.

3.5.3.   Measurement and Minting Layer
Verified MPP-settled transactions contribute to GPV. GPV then determines whether and how much new MPP is minted into the treasury under the fixed minting rules.

3.6.   System Integrity and Regulatory Compliance

By requiring MPP settlement for all recognized activity, *MegPrime* maintains a coherent internal measurement standard that supports predictable behavior and auditability. The presence of stablecoin as a funding asset and the future MPP-enabled card provide user flexibility without compromising settlement consistency. The routing layer enhances merchant optionality while maintaining the integrity of the underlying economic logic.

This structure aligns with the platform's regulatory compliance. MPP is used exclusively within the application environment, is intended to serve no investment purpose, and performs only operational functions. Its behavior is governed by measurable activity rather than speculative conditions.

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4. Token Architecture

The *MegPrime* token architecture is designed to support a single, coherent settlement and utility framework within the platform. The architecture is deliberately narrow in scope: MPP performs only operational functions and carries no profit-sharing or governance rights. This section outlines the structural design of MPP, the constraints under which it operates, and the mechanisms that govern its interaction with the system's accounting, verification, and settlement layers.

4.1.   Functional Role of MPP

MPP serves as the internal settlement asset and utility unit of the *MegPrime* ecosystem. All transactions that are intended to count toward platform activity metrics must settle in MPP. This requirement is central to the system's integrity: it ensures that every recognized payment interacts with the same rules and participates in the same economic logic.

MPP performs three operational functions:

4.1.1. Settlement Unit

MPP is the only mechanism through which GPV-eligible transactions are settled. Regardless of how a payment is initiated, it must be denominated in MPP at settlement to be recognized by the system.

4.1.2. Utility Instrument

MPP facilitates access to services within the application. It powers in-app payments, enables user interactions across categories, and serves as the medium through which participation benefits are distributed.

4.1.3. Activity Marker
Because MPP settlement is required for GPV recognition, MPP acts as the structural connection between user behavior and the platform's measurement and minting engine.

MPP does *not* confer ownership in *MegPrime*, passive income rights, voting authority, or other governance rights. It is a functional token designed for operational use, and is not intended as a speculative digital asset.

4.2.   Boundaries and Non-Financial Character

The *MegPrime* token has a clearly defined and deliberately limited scope. MPP exists to support settlement, access, and participation within the platform, and its role is shaped entirely by these operational requirements.

To maintain clarity around its intended purpose, the platform applies a set of boundaries that define what MPP is and what it is not:

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1. **No Governance Rights**
MPP holders cannot influence platform parameters, protocol changes, treasury decisions, or operational governance.

2. **No Economic Rights**
MPP does not entitle holders to revenue share, dividends, interest, profits, residual value, or other similar financial rights.

3. **Usage**
MPP's role does not include claims on assets, cashflows, or performance outside the platform.

These boundaries are structural rather than symbolic. They ensure that MPP remains aligned with the operational logic of the system: a token used to settle activity, access services, and participate in program structures that are based solely on platform usage.

The platform preserves a clear distinction between MPP's functional use and maintains separation that is essential to the coherence of the token framework and to the regulatory posture underpinning the broader system design.

4.3.   Internal Settlement Mechanics

MegPrime operates on a unified settlement standard: all transactions that the platform recognizes as economic activity must ultimately settle in MPP. This requirement underpins the platform's economic logic and ensures that every qualifying payment is evaluated consistently, regardless of how that payment is initiated externally.

In practice, users can begin a transaction through several funding methods, but only transactions that settle in MPP enter the platform's internal measurement model. The system distinguishes clearly between payment initiation and payment settlement, allowing for flexibility at the entry point while preserving a single unit of account at settlement.

To maintain this structure, the platform recognizes four initiation pathways:

- **Direct MPP payments**
  Transactions are settled natively in MPP and proceed immediately to verification.

- **MPP-enabled card payments (future integration)**
  Fiat-funded transactions are automatically converted into MPP by a third-party partner before entering the platform.

- **MPP-enabled fiat bill payments**
  Bills can be paid in MPP tokens, which are converted to a stablecoin and then to fiat for transfer to the biller.

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- **Stablecoin-funded payments**:
  Users may convert a stablecoin into MPP prior to settlement; transactions left in stablecoins remain external and are not included in GPV.

Once a transaction has settled in MPP, it undergoes verification to confirm its eligibility. This process includes validating the transaction's nature, confirming the user's credentials, and ensuring compliance with internal rules governing GPV inclusion. Only after these steps does the transaction move into the platform's ledger and contribute to GPV, forming part of the data used to determine MPP minting under the deterministic minting framework.

This approach ensures that the platform can support diverse initiation methods without compromising the integrity of its settlement layer. By requiring MPP settlement for all recognized activity, *MegPrime* maintains a coherent, auditable economic structure aligned with the operational principles described throughout this whitepaper.

4.4.   Token Contract Structure

The MPP token is implemented through a contract architecture designed to support a predictable framework and a controlled operational environment. The contract establishes the conditions under which MPP is created, held, and transferred, and it defines the boundaries that are designed to preserve the integrity of the platform's settlement and measurement model.

The *MegPrime* ecosystem is built on a three-tier contract architecture designed for security, flexibility, and sustainable growth. At its core is the *MegPrime* Token (MPP), a capped-supply utility token deployed on the Base network with built-in safeguards including pausable transfers, volume control and role-based access controls. Administration functions are controlled via a multi-signature approval process.

Supporting the token are two upgradeable management contracts that handle the ecosystem's economic operations. The Treasury contract serves as the central reserve and minting authority, implementing a timelock mechanism for large withdrawals and daily limits to ensure responsible fund management. The Reward Manager distributes MPP tokens to ecosystem participants based on their activity, with configurable vesting periods that align long-term incentives with platform growth. Both contracts feature emergency controls and guardian roles that enable rapid response to security concerns while maintaining decentralized governance principles. This modular design allows the ecosystem to evolve over time through upgradeable proxy patterns, ensuring the platform can adapt to changing market conditions without disrupting existing token holders.

The architecture sets out the parameters that govern MPP's lifecycle from both an economic and technical perspective. These include:

- a fixed maximum supply of 120 billion MPP, establishing a cap on total minting
- an initial of 20 billion MPP minted to support platform operations and liquidity
- a deterministic minting mechanism, where all post-launch minting follows the GPV-based formula and cannot occur through discretionary action

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- transfer and settlement controls that restrict GPV recognized MPP flows to the *MegPrime* application, so that internal accounting and verification rules cannot be bypassed
- a managed upgrade path, allowing the contract to be updated for security, compliance, or infrastructure needs without altering the economic behavior defined in the token model

This design is intended to ensure that MPP behaves consistently across all system components. By embedding supply constraints, minting logic, and settlement rules directly into the contract, the platform is intended to create a stable foundation on which the broader economic model operates. The contract architecture is designed to avoid features that introduce ambiguity or rely on external market dynamics, preserving MPP's function as a utility token.

The resulting structure is intended to support a coherent and auditable token system. MPP behaves in accordance with the platform's rules, interacts predictably with the GPV engine, and aligns with the broader architectural principles governing settlement, verification, and minting across the *MegPrime* ecosystem.

4.5.   Token Standards and Technical Implementation

The MPP token is implemented using a standardized, widely supported smart-contract format intended to ensure compatibility, auditability, and secure integration across the *MegPrime* ecosystem. The selection of the token standard and the surrounding technical components is driven by operational requirements rather than by speculative functionality. The objective is to provide a stable and predictable foundation that supports settlement, minting, and platform use without introducing unnecessary complexity.

At its core, MPP follows a recognized token interface that enables reliable interaction with wallets, contracts, service modules, and the internal accounting engine. The platform's technical design is intended to provide for consistent behavior across all components. The implementation focuses on modularity and clear separation of responsibilities, allowing the contract to remain lean while the broader system handles verification, GPV measurement, and settlement logic.

While the contract remains deliberately minimal, several technical features are intended to maintain security and compatibility with the *MegPrime* environment:

- Adherence to a widely adopted token standard, ensuring compatibility with established tooling, infrastructure, and audit processes.
- Modular contract architecture, enabling separation of settlement logic, minting controls, and upgrade capabilities.
- Controlled upgradeability, allowing the contract to evolve for security and compliance without fundamentally altering the economic rules governing MPP.
- Integration hooks for internal systems, including the settlement engine, GPV measurement module, treasury controls, and the payout routing layer.
- Full transparency of supply-related functions, allowing external verification of the maximum supply, initial mint, and GPV-based minting mechanics.

The technical implementation is designed to minimize discretionary control. Minting logic is externalized to the GPV engine, and settlement behavior depends on the application layer rather than on user-triggered contract functions. This is expected to reduce the risk of unintended behaviors and ensure that token activity reflects verified platform usage rather than external triggers or speculative market interactions.

Security forms an integral part of the design. The contract is constructed to avoid reliance on dynamic, mutable configurations that could undermine predictability. Instead, supply constraints, minting limitations, and transfer conditions are governed by fixed logic, with upgrades subject to strict review procedures. This structure supports the platform's operation and aligns with its regulatory position.

By combining a standard token interface with a conservative technical architecture, MPP maintains compatibility with established smart-contract ecosystems while operating under rules tailored specifically for the *MegPrime* framework. The result is a token that is designed to behave reliably, integrate seamlessly with the platform's infrastructure, and support the full lifecycle of settlement, measurement, and minting defined throughout this whitepaper.

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5. Token Supply

The token supply framework defines the monetary parameters within which MPP operates. Its structure is designed to ensure that the growth of MPP supply is transparent, predictable, and directly linked to verified economic activity within the *MegPrime* environment. Rather than relying on discretionary decisions or speculative mechanisms, the system uses fixed rules and measurable data, most notably GPV, to determine when and how additional MPP is minted. This approach establishes a clear relationship between platform usage and token minting while maintaining strict limits on total supply. The following subsections outline the full supply architecture, from the maximum allowable minting to the initial mint and the conditions governing all future expansion.

5.1.   Maximum Supply

The MPP token operates under a fixed maximum supply of 120 billion tokens, an upper limit that defines the total quantity. This cap is embedded directly into the token's contract architecture and cannot be exceeded. The maximum supply serves as the foundation of the platform's monetary framework, providing long-term clarity around the boundaries of mintingand ensuring that the system's expansion remains anchored to verifiable economic activity.

Defining the maximum supply at the architectural level is intended to allow the platform to maintain predictable behavior across its settlement, measurement, and minting components. Because all additional MPP is minted according to the deterministic GPV-based mechanism described later in this section, the supply cap is designed to act as a structural safeguard that limits expansion to a finite, pre-defined horizon. The cap also supports transparency: all participants can verify the remaining available supply at any time, as well as the proportion already minted.

The cap is not expected to influence token behavior directly. Instead, it establishes the parameters within which the system's rules operate. Minting may continue only while unminted supply remains

available and only when the underlying GPV thresholds are met. Once the maximum supply has been reached, no further tokens can be created, and GPV-driven minting ceases automatically. This is intended to ensure that the monetary framework remains consistent with the platform's design and that any long-term expansion of MPP circulation is tied exclusively to economic activity measured within the *MegPrime* environment.

5.2.   Initial Supply at Genesis

At genesis, a total of 20 billion MPP is minted and allocated across the *MegPrime* treasury and designated custody wallets. This initial supply establishes the foundational monetary base of the platform and is intended to provide the resources required to support settlement activity, reward distribution, and early-stage platform incentives. The full 20 billion MPP is created at genesis, and all future minting beyond this amount is governed strictly by the GPV-based minting formula described in the subsequent sections.

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Although the full genesis supply is minted into the treasury, a limited portion of the initial supply enters circulation at launch. Specifically, 2.5 million MPP is released into the market at TGE to seed initial liquidity and enable price discovery. This circulating amount is deployed via liquidity provisioning mechanisms and does not constitute a discretionary distribution to founders, investors, or insiders.

With the exception of the 2.5 million MPP introduced at TGE for liquidity purposes, the remaining genesis supply is initially held in the *MegPrime* treasury and designated across a set of pre-defined allocation categories, as further detailed below. These allocations are administrative designations of treasury-held MPP, not an indication that tokens are freely circulating at launch.

The genesis mint also defines the starting point of the system's long-term supply trajectory. With a maximum supply cap of 120 billion MPP, the initial 20 billion MPP represents approximately one-sixth of total possible mintage. The remaining 100 billion MPP is reserved exclusively for future minting triggered by verified economic activity, as measured through GPV. This design ensures that long-term supply expansion is directly aligned with platform usage rather than market speculation or governance discretion.

Accordingly, the initial supply functions as the system's liquidity cornerstone: it enables activity from inception, supports early settlement and incentive mechanisms, facilitates orderly price formation through limited initial circulation, and preserves the majority of mintingcapacity for activity-driven growth. It provides a fixed, transparent, and economically anchored foundation for a framework defined by measurable platform engagement.

5.3.   Future Minting Logic

All MPP created after the initial genesis mint is minting strictly through a deterministic mechanism tied to verified economic activity on the platform. This activity is measured through GPV, the total value of transactions that are settled in MPP and validated through the platform's internal accounting and compliance processes. Only transactions that meet the eligibility criteria and settle in MPP can influence minting. No other metric, discretionary decision, or external factor can trigger the creation of new MPP.

Minting occurs only when daily GPV crosses specific activity thresholds. Once the platform's daily GPV exceeds USD 10 million, the system becomes eligible to create additional MPP for the treasury according to the following fixed formula:

For every USD 100,000 in daily GPV above the USD 10 million baseline, the system mints 5,000 MPP.

This formula operates as a structural rule rather than a guideline. It governs the pace and scale of future mintingautomatically and cannot be altered through discretionary action. The minting function is triggered only when GPV has been verified within the settlement ledger, ensuring that minting reflects actual platform usage rather than projected or estimated activity.

Because the system operates under a fixed maximum supply of 120 billion MPP, minting can occur only while unminted supply remains available. Once cumulative minting reaches the maximum, the minting

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mechanism automatically ceases, regardless of future GPV levels. This constraint ensures long-term supply discipline and prevents expansion beyond the predefined monetary boundary.

The combination of a clear activity threshold, a predefined minting formula, and a supply cap creates a transparent and predictable monetary framework. Platform participants can verify minting patterns, assess remaining supply, and understand the conditions under which further expansion may occur. The result is a rules-based system in which token creation is driven exclusively by measurable economic engagement within the *MegPrime* ecosystem.

For a hypothetical illustration showing how successive GPV thresholds, cumulative minting, and daily issuance rates may operate over time under assumed transaction volumes, see Appendix A (Illustrative GPV-Based Minting Threshold Example).

5.4.   Supply Discipline and Monetary Constrains

The MPP framework is designed to operate within strict boundaries that ensure long-term consistency, transparency, and predictability. These constraints are built directly into the token's contract architecture and form the basis of the platform's approach to responsible minting. At the center of this design is the principle that MPP supply expansion should occur only in response to verifiable economic activity rather than through discretionary decision-making.

The fixed maximum supply of 120 billion MPP establishes the outer limit of all minting. The platform's minting logic is tied exclusively to daily GPV above defined thresholds, supply growth naturally slows over time as available unminted capacity declines. This is intended to ensure that the framework becomes more constrained as the ecosystem matures, contributing to long-term stability.

The minting mechanism is intended to halt automatically once the maximum supply has been reached. At that point, no additional MPP can be created regardless of platform usage levels. This final constraint is intended to protect the system from inflationary pressures and to ensure that supply remains within its pre-defined boundaries for the lifetime of the platform. Because every mintingevent can be traced directly to MPP-denominated GPV, supply changes remain auditable and verifiable.

Together, these constraints are intended to create a disciplined environment in which supply expansion is both rule-based and grounded in measurable activity. The intended result is a predictable framework that supports the platform's operational needs while maintaining a clear and transparent connection between economic engagement and token minting.

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6. Token Utility and App Integration

MPP is designed to serve as the operational token that enables the app's settlement, measurement, and participation framework to function as a coherent system. Its purpose is strictly functional. MPP does not provide profit claims, ownership, or governance rights; instead, it acts as the unifying mechanism through which recognized activity is processed and recorded inside the *MegPrime* environment.

The app supports different methods for initiating payments, but only transactions that settle in MPP interact with the system's internal accounting and incentive logic. This structure is intended to create a consistent frame of reference: regardless of how a user begins a transaction, only MPP-settled activity is evaluated under the rules that govern GPV, rewards, and minting. The token's utility is therefore tied directly to the system's architecture rather than to external market behavior or discretionary decisions.

Within the app, MPP performs three integrated functions:

- **Settlement Unit**
  All transactions eligible for recognition settle in MPP. This standardization ensures that economic activity can be measured, verified, and compared without the inconsistencies that arise from using multiple external assets.

- **Operational Utility**
  MPP enables interaction with app features, supports transaction execution, and serves as the medium through which rule-based rewards are distributed. Its use is embedded into the app's core mechanisms rather than positioned as a speculative asset.

- **Connector Between User Behavior and GPV**
  Because GPV measures MPP-settled activity, MPP acts as the link between user engagement and the deterministic minting logic. The token's utility is therefore inseparable from the measurement of verified usage within the system.

Users maintain flexibility in how they interact with the app. They may hold MPP, acquire MPP through the in-app swap, or convert back to a stablecoin or fiat when managing balances externally. These actions are designed to not affect the token's core role: MPP is the only settlement mechanism recognized by the internal logic of the *MegPrime* system.

Through the routing layer, counterparties receiving funds can elect to receive payouts in MPP, stablecoins, or USD in any defined proportion. This routing occurs after an MPP-settled transaction has been verified and recorded, ensuring that payout preferences do not influence GPV, reward eligibility, or minting mechanics.

MPP's integration into the app is therefore defined not by its external market characteristics but by its position within a deterministic framework. It is the token through which recognized settlement occurs, the mechanism that unlocks participation benefits, and the unit of account that aligns user activity with the system's economic rules. This design is intended to preserve clarity, predictability, and regulatory coherence across every component of the *MegPrime* architecture.

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7. Economic Model

The *MegPrime* economic model is built on an architecture that treats MPP as the functional token through which settlement, measurement, incentives, and supply behavior operate. The model is intentionally narrow in scope: it is designed to support predictable system behavior inside the app rather than create a market-facing asset.

This framework rests on three structural principles. First, all recognized activity within the app are designed to settle in MPP. This ensures that every transaction contributing to the system's internal metrics is expressed in a single, consistent unit of account. Second, only verified MPP-settled activity enters GPV, the system's primary measure of economic throughput. Third, supply expansion follows a deterministic rule: new MPP is minted into the treasury only when daily GPV exceeds the defined threshold, and only according to the fixed minting formula.

The subsections that follow describe the settlement logic, GPV measurement standards, fee structure, and minting behavior that together define how MPP functions within the app.

7.1. Settlement and Internal Accounting

The foundation of the economic model is intended to be the rule that all activity recognized by the system must settle in MPP. Users may initiate payments in different ways: directly in MPP, through a future MPP-enabled card, or by converting stablecoins into MPP before completing a transaction; but only MPP-settled transactions are eligible for GPV recognition within the internal accounting framework.

This requirement ensures that all qualifying activity is recorded uniformly, avoiding the inconsistencies that arise when multiple external assets or currencies are interpreted within the system's internal ledger. The settlement engine applies this rule consistently across all payment pathways. Transactions funded in stablecoins but not converted into MPP remain external; they do not enter verification, do not contribute to GPV, and do not participate in the app's economic model.

Only after a transaction has settled in MPP does it proceed to verification, where the system confirms that it meets the eligibility, identity, and compliance conditions required for recognition. Verified transactions are then recorded as part of GPV.

7.2. GPV as the System's Measurement Standard

Gross Payment Volume (GPV) is the app's primary measure of verified activity. It is designed to reflect the aggregate value of MP-settled transactions that satisfy eligibility, identity, compliance, and category checks. GPV is not a commercial metric; it is a control variable that governs minting and signals the scale of on-app activity.

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The deterministic nature of GPV ensures:

- a clear separation between external payment initiation and internal recognition
- a consistent measure of throughput using a single unit of account (MPP)
- an auditable link between activity and minting

Only after a transaction passes the verification sequence does it enter GPV. This prevents non-qualifying events from influencing supply or participation dynamics.

7.3.   Fee Mechanics

Fees within the *MegPrime* environment are structured to support operational consistency without influencing GPV, minting, or token behavior.

They exist only to maintain the app's internal processes and do not act as economic levers or incentives.

Fees appear in three contexts:

- **MPP-Settled Transactions:**
  Transactions that settle in MPP may include a minimal processing fee, also denominated in MPP. These fees are internal and are assessed after GPV is recorded, ensuring they do not distort activity measurement.

- **Stablecoin-to-MPP Conversions:**
  Users who initiate payments in stablecoins may incur a conversion fee when swapping into MPP. This fee reflects integration of an external asset into the app's MPP-denominated settlement chain and preserves MPP as the single internal unit of account.

- **Service-Specific Fees:**
  Certain app modules may carry fixed operational fees. These fees are limited in scope and do not alter GPV, minting logic, or the boundaries that govern MPP's utility-only role.

All fees are structured to maintain internal clarity. They do not inflate GPV or trigger minting. Their role is operational, not economic, ensuring that the settlement and measurement framework remains coherent, auditable, and insulated from external behaviors.

Unless the payee requests payment in USD, fees are covered by the payer.

7.4.   Deterministic Minting and Supply Behavior

Supply expansion in the *MegPrime* ecosystem follows a deterministic rule tied exclusively to verified MPP-settled activity. New MPP is minted into the treasury only when daily GPV surpasses USD 10 million. Once that threshold is reached, the mintingengine mints MPP according to a fixed formula of 5,000 MPP for every USD 100,000 in GPV above the baseline. The fixed maximum supply of 120 billion MPP establishes the upper boundary of the model.

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The deterministic minting rules ensure long-term predictability and prevent discretionary supply expansion. By tying minting strictly to verified activity, the system in intended to preserve the integrity and transparency of MPP's economic behavior throughout its lifecycle.

7.5.   Incentive Mechanism

The incentive mechanism within the *MegPrime* environment is designed to strengthen engagement with MPP-settled activity while remaining fully consistent with the token's utility-only character. Their purpose is structural: to reinforce participation in the system's settlement logic without influencing token supply or altering the deterministic minting model.

In practice, incentives recognize patterns of interaction that align with the app's internal architecture. Rather than focusing on individual payment types or consumer-facing use cases, the system evaluates behavior across broad, predefined categories. These engagement cycles may reflect repeated participation, sustained interaction within supported service classes, or recurring activity that contributes meaningfully to the MPP-denominated settlement environment. The emphasis remains on structural engagement, not on commercial incentives or sector-specific rewards.

A key principle of the incentive framework is the strict separation between treasury-funded participation programs, which do not count towards GPV, and the GPV-driven minting mechanism. Minting occurs only when GPV exceeds the daily threshold and follows the fixed minting formula. This separation ensures that incentives reinforce behavior without creating economic expectations or introducing variability into the monetary model.

From a technical perspective, incentives interface with the components responsible for settlement, ledger updates, and treasury operations. They do not interact with the minting engine, GPV threshold checks, or the logic that governs supply constraints. This design is intended to preserve the integrity of the system by ensuring that incentives remain a downstream function: they respond to verified behavior but cannot influence the rules that govern recognition, measurement, or minting.

By maintaining this architecture, the incentive mechanism is intended to become a predictable, transparent component of the broader economic model. It supports ongoing interaction with the MP-settled environment while safeguarding the structure that defines MPP's role, supply, and regulatory posture.

7.6.   Design Features and Safeguards

The *MegPrime* system incorporates a set of structural design features intended to support orderly operation. These features are embedded directly into the platform's architecture and are not based on discretionary intervention, active management, or reactive adjustments.

MPP functions as the single internal settlement unit for recognized activity within the platform. This design provides a consistent basis for internal accounting and measurement and allows GPV to be calculated using a uniform reference unit. By relying on MPP-settled activity, the system avoids the need to interpret or normalize multiple external assets and enables GPV to serve as an auditable indicator of in-app economic throughput.

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The minting mechanism operates according to predefined, deterministic rules. New MPP may be minted only when daily GPV exceeds an established threshold, and the quantity minted is determined by a formula specified in advance. The mechanism does not incorporate forecasts, discretionary inputs, or market-responsive adjustments, and it does not seek to manage price, demand, or user behavior.

A fixed maximum supply of 120 billion MPP of total minting. Once this cap is reached, no further minting can occur, regardless of future platform usage or activity levels. This constraint defines the outer limits of supply expansion.

Taken together, these features are intended to define a system in which settlement, measurement, incentives, and minting are governed by explicit rules and constraints. While these mechanisms are designed to promote transparency, predictability ofminting, and auditability of economic activity, they do not constitute a guarantee of price stability, liquidity, or economic outcomes, nor do they imply any commitment to intervene in secondary markets.

8. Tokenomics

The tokenomics framework of the *MegPrime* ecosystem is designed to define how MPP is allocated, released, and supported across its operational lifecycle. Its objective is to maintain a transparent and discipline-driven structure that aligns token distribution with actual usage inside the app, rather than speculative activity or discretionary decisions. The framework complements the economic model described in the previous section by establishing how MPP enters circulation, how it is managed by the treasury, and how liquidity is maintained in external markets when applicable.

The design emphasizes a predetermined circulating supply at launch, controlled release pacing, and an allocation structure that prioritizes operational integrity over short-term distribution. Token supply is tied to verifiable activity, partner integration needs, or liquidity requirements necessary for functional trading environments. This approach is intended to ensure that MPP remains a utility token whose supply expansion, market availability, and treasury usage all correspond to measurable conditions within the ecosystem rather than expectations of financial performance.

The subsections that follow describe the allocation structure, release schedule, treasury unlock logic, and liquidity operations that together form the tokenomics foundation of the *MegPrime* ecosystem.

8.1. Token Allocation

The allocation of MPP is structured to maintain transparency, predictability, and long-term ecosystem stability. At launch, the full 20 billion MPP supply is held in the treasury. Circulation begins with a limited initial float released at TGE and expands gradually through predefined tranches tied to predefined metrics. No further minting occurs without meeting verifiable thresholds aligned with real usage inside the *MegPrime* app.

This structure is intended to ensure that MPP remains a functional token whose supply grows only when genuine demand is demonstrated. In addition, no insider or internal team allocation forms part of the circulating supply at launch. Team and contributor tokens remain non-circulating and subject to structured, long-term release processes outside the scope of circulating supply management. All initial and tranche-based circulating supply is allocated to meet ecosystem and liquidity requirements.

8.1.1. Initial Treasury Allocation (20B MPP)

The initial allocation of the treasury establishes the long-term categories through which tokens may be used. These categories are intended to reflect functional requirements, not speculative allocations, and none of them are introduced into circulating supply until conditions are met through the mechanisms defined in this section and Section 8.2.

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Table 1 – Genesis Allocation Structure

Category	Amount (MPP)	% of Total Supply	Purpose
Community & Participation Benefits	7b	35%	GPV linked rewards or other incentive programs
Ecosystem Partnerships & Expansion	7b	35%	DEX Liquidity, Partners, CEX/MM reserves, and ecosystem development, Expansion
Team & Core Contributors	4b	20%	Team incentives aligned with long-term growth and operational stability
Reserve & Contingency	2b	10%	Strategic holding
Total Supply	**20b**	**100%**	

While Table 1 describes the internal functional designation of the 20 billion MPP minted at genesis, custody of these tokens is organized across distinct on-chain entities to ensure operational clarity and security. The table below reflects the on-chain custody structure of the genesis supply. This separation between functional designation and custody structure does not alter the allocation categories described above but defines where tokens are held prior to release under the mechanisms outlined in Sections 8.1 and 8.2.

Table 2: On-chain custody at Genesis

Category	Amount (MPP)	% Allocation
Treasury	19.8 billion	99%
Operations	200 million	1%

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The Operations wallet is funded initially with a limited balance for launch activities. Additional MPP may be transferred from the Treasury to the Operations wallet on a governance-controlled basis when required for predefined operational purposes (e.g., liquidity deployment, integrations, listings, or ecosystem programs), and is considered non-circulating unless and until deployed to public liquidity pools or distributed under Sections 8.1 and 8.2.

8.1.2. Circulating Supply at TGE & Tranche Releases

Circulation at launch remains limited. From there, circulating supply expands through a series of predefined tranches that activate when the ecosystem reaches verifiable activity thresholds. These thresholds are strictly formula-based and cannot be influenced by internal discretion, subjective interpretation, or market conditions. All triggers rely exclusively on verified MPP-settled GPV and retention measured by continued verified activity from active user accounts.

This structure is intended to promote transparency and prevent issues seen in other ecosystems, where supply unlocks occurred without meaningful activity backing them.

Table 3 - Circulating Supply Expansion

Category	Amount (MPP)	% of Total Supply	Trigger	Release Window	Purpose
TGE	2.5m	0.0125%	Launch prerequisite only	Day 1	Initial functional liquidity
Tranche 2	~ 1,8m*	0.009%	App release	App release	Scales circulating supply in line with increased transactional throughput, paired to the V3 price

* Amount varies based on prevailing market price at deployment

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8.2. Token Release Schedule

The release schedule for MPP is designed to ensure that circulating supply grows only in proportion to verified economic activity within the *MegPrime* app. Unlike inflationary token models that introduce supply at fixed time intervals, MPP releases follow a structure anchored to GPV-linked incentives and the tranche mechanism outlined in Section 8.1. This approach maintains monetary discipline and is intended to ensure that MPP's supply reflects genuine ecosystem usage rather than external market conditions or internal decisions.

At genesis, no releases occur automatically. All potential supply expansion originates from the treasury and is activated only when defined conditions are met. These conditions fall into two categories: (i)

GPV-linked incentives, which release MPP to users based on verified MPP-settled activity; and (ii) Tranches, which introduce limited amounts of circulating supply once objective, measurable thresholds are satisfied.

GPV-linked releases occur as eligible activity is verified through the app's settlement and validation layers.

The table below summarizes the sources of MPP releases and the schedule under which they become available for use.

Release categories and mechanisms are intended to provide transparency on how MPP may enter circulation over time. Specific quantities, timing, and operational parameters are determined through internal processes and may vary based on platform usage, technical considerations, and regulatory requirements. Nothing in this section should be interpreted as a commitment to release specific amounts or to achieve particular market outcomes.

Table 4 - Emissions Schedule Overview

Emission Source	Trigger Event	Nature of Release	Circulating	Notes
GPV-Linked User Incentives	Verified MPP-settled activity within the app	Continuous, proportional	Yes (post-vesting)	Follows deterministic GPV model; verification delays 15 and 90 days apply
Tranche 2 Release	App release	Unlocking of limited MPP to enhance app transactions	Yes	
Operations	Liquidity deployment, CEX listings, partnerships, rewards	Discretionary, governance-controlled	Only when deployed or distributed	

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8.3.   Treasury Operations & Unlock Logic

The treasury unlock logic governs how MPP transitions from non-circulating supply to active use within the *MegPrime* ecosystem. Its purpose is to maintain predictability, prevent discretionary unlock, and ensure that all unlocks correspond to measurable operational requirements. Because the treasury holds the full 20 billion MPP supply at genesis, unlock logic is central to the ecosystem's stability and long-term credibility.

Unlocks occur exclusively through the mechanisms established in Sections 8.1 and 8.2: (i) user rewards tied to verified MPP-settled activity; (ii) Tranches tied to objective adoption benchmarks; and (iii) functional allocations for partnerships, integrations, and long-term development. No other release pathways exist, and no tokens become circulating without first fulfilling their predefined criteria.

User rewards represent the only continuous unlock channel. These rewards become claimable only after the verification period and vesting requirements have concluded. Because rewards scale with verified activity and not time, their unlock rate adjusts automatically to ecosystem usage. This ensures that the circulating supply grows proportionally to demand for MPP's functional role inside the app.

Tranches release only when the ecosystem reaches measurable throughput. These thresholds are defined at launch and cannot be modified retroactively. Each tranche represents a small, controlled increase in supply intended to support liquidity depth and ecosystem function, not to expand speculative circulation. Tranche releases do not overlap with each other; they activate sequentially, ensuring that supply growth remains gradual and comprehensible to users and partners.

Together, these rules are intended to create a predictable framework in which treasury behavior is fully transparent and aligned with ecosystem usage. Supply cannot accelerate unexpectedly, and all unlock channels are tied to objective triggers that reinforce the functional role of MPP within the *MegPrime* app.

8.4.   Liquidity Provision and Market Access

At launch, MPP is expected to become accessible through decentralized liquidity channels, enabling basic transferability and functional access to the token.

At launch, the *MegPrime* platform does not require the engagement of a market maker or the appointment of any party to provide continuous liquidity, manage spreads, or conduct market interventions during the initial decentralized phase. *MegPrime* may, however, elect to engage third parties in the future depending on market conditions and platform needs. Market activity during this period is expected to arise from participant interaction with available liquidity venues.

Liquidity arrangements are operational in nature and are designed to support access and usability rather than to provide price support, guarantees of execution quality, or assurances of market depth. The platform does not commit to maintaining liquidity levels, defending prices, or intervening in secondary markets.

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Any future liquidity arrangements, including the possible engagement of professional liquidity providers in connection with centralized trading venues, would be subject to separate evaluation and would not alter the minting rules, treasury controls, or GPV-based supply mechanics described in this paper.

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9. Technical Architecture

The *MegPrime* ecosystem operates through a set of architectural components that are intended to work together to ensure that settlement, verification, measurement, and minting follow a predictable flow. These components do not function as independent modules; they form a coordinated chain in which each stage prepares the conditions for the next. The goal of the architecture is to maintain a controlled internal environment in which only MPP-settled, verified activity is recognized and only verified activity can influence supply expansion. External assets, payout preferences, and operational configurations remain outside this core logic.

A defining feature of the architecture is the requirement that all recognized activity must be paid in MPP. This prevents the internal ledger from interpreting multiple currencies and is intended to ensure that all economic logic, from GPV to incentives to minting, operates on a single, consistent unit of account. Once a transaction is denominated in MPP, the ecosystem applies the verification logic that determines whether it qualifies for GPV. Only after this sequence is completed can the transaction interact with downstream processes such as incentives or treasury minting. The following subsections describe how each architectural component contributes to this orderly flow.

9.1.   Ecosystem Components

The *MegPrime* ecosystem is organized around several components that collectively support its internal economic logic. The app itself provides the user interface and main gateway for users, but the deeper structure is formed by the modules that process, verify, and route MPP-denominated activity. These modules include the settlement engine, the GPV verification process, the minting engine, the treasury functions associated with incentives, and the proprietary routing layer. Also contained are the technical abstractions for users, wallet management, account abstraction and blockchain integrations. Each module performs a specified function, and their sequencing is what is intended to maintain the coherence of the ecosystem.

What distinguishes this architecture is not the presence of many components but the discipline of how they connect. The settlement engine prepares transactions in MPP, the verification logic filters them for recognition, GPV accumulates verified activity, and the minting engine responds only to GPV.

Incentives operate downstream from these layers, and routing provides optional payout conversions without altering internal accounting. This separation ensures that each component contributes to the ecosystem without interfering with the economic logic embedded in the others.

The decoupling also allows for the addition and enhancement of new features and services.

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Figure 1 - Components
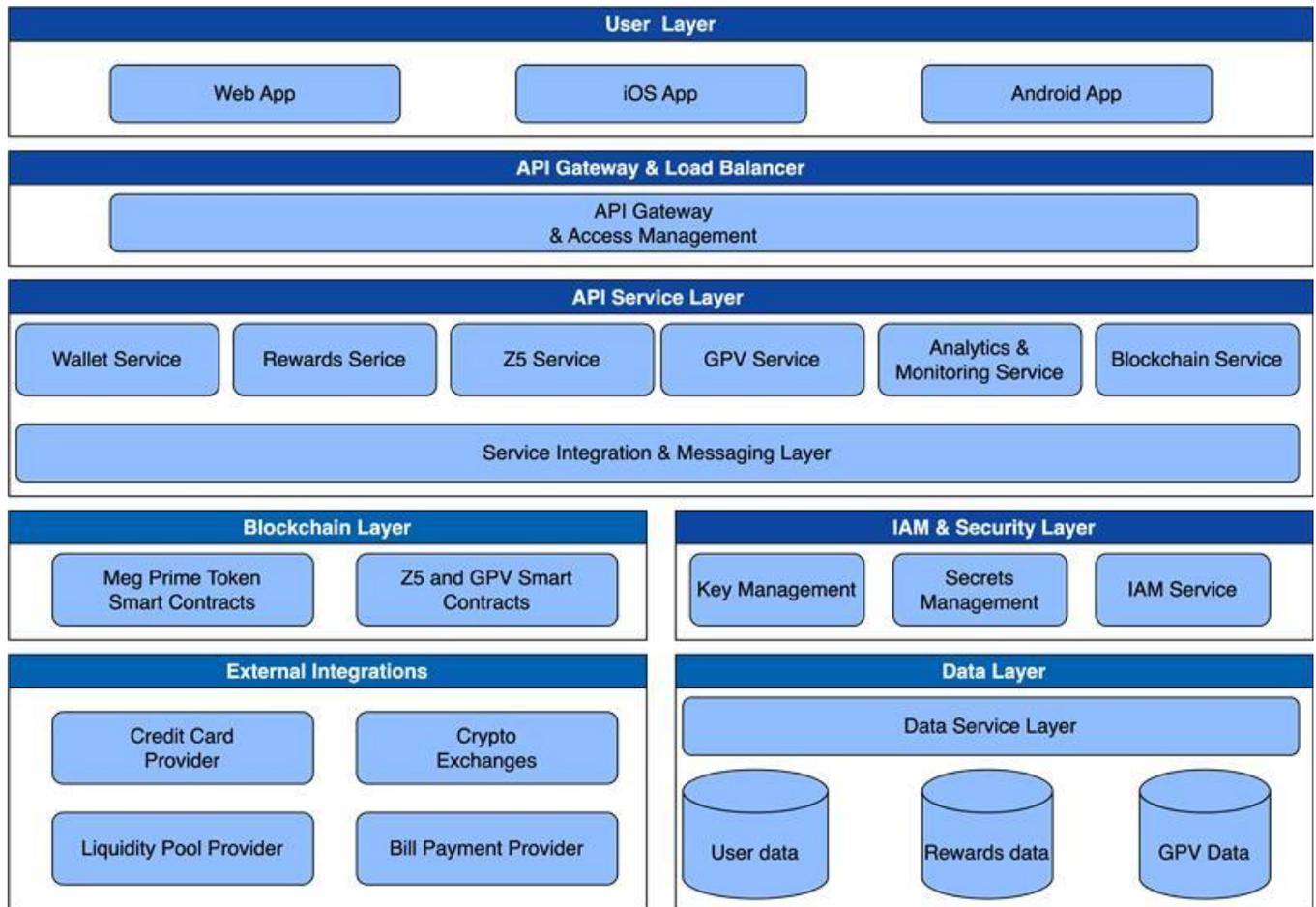
9.2.   Settlement Engine & GPV Module

The settlement engine is designed to serve as the entry point for all activity recognized inside the app. Regardless of the funding method, a transaction must be expressed in MPP before the ecosystem evaluates it. The discipline of this rule is what allows the internal ledger to maintain consistency: everything the app recognizes is denominated in the same token, under the same conditions, and interpreted by the same economic rules.

After settlement, the GPV verification process determines whether the transaction qualifies for inclusion in GPV. This process examines identity, activity category, compliance boundaries, and reconciliation against internal records. Verification is not a simple pass-through; it ensures that every recognized value within GPV reflects legitimate MPP-settled activity. Once a transaction enters GPV, it becomes part of the ecosystem's measured economic throughput and is eligible to influence supply expansion under the deterministic minting mode. Computed off-chain, verifiable proofs of all GPV data and logic is published on chain and stored immutably. This allows for a trusted and transparent calculation of GPV, and the automated decisioning behind mint events.

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The diagrams below illustrate the logical sequence through which transactions progress from settlement to GPV recognition and, where applicable, minting eligibility.

They are intended to show the separation between payment initiation, MPP settlement, verification, and measurement, rather than to depict implementation-specific infrastructure or timing assumptions. In particular, the figures highlight that only transactions that successfully complete MPP settlement and pass the verification checks contribute to GPV, and that GPV is calculated as an aggregate outcome of verified activity rather than as a real-time trading or pricing signal.
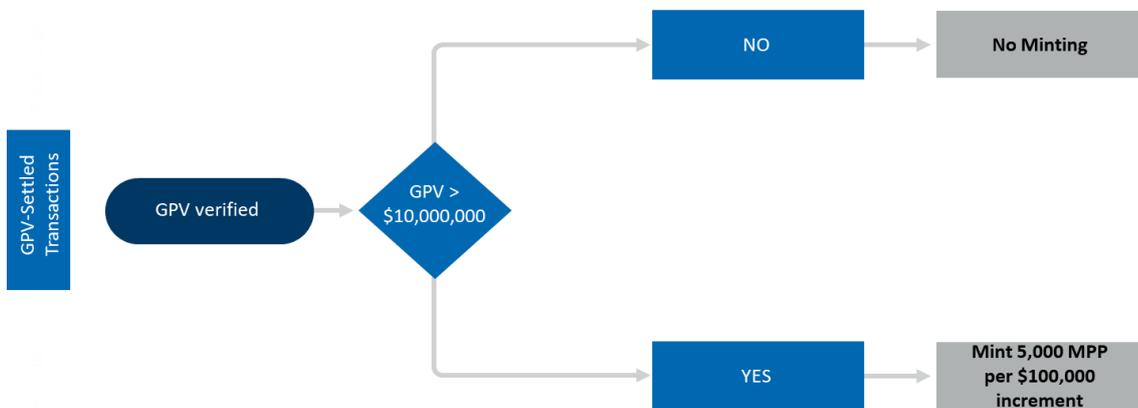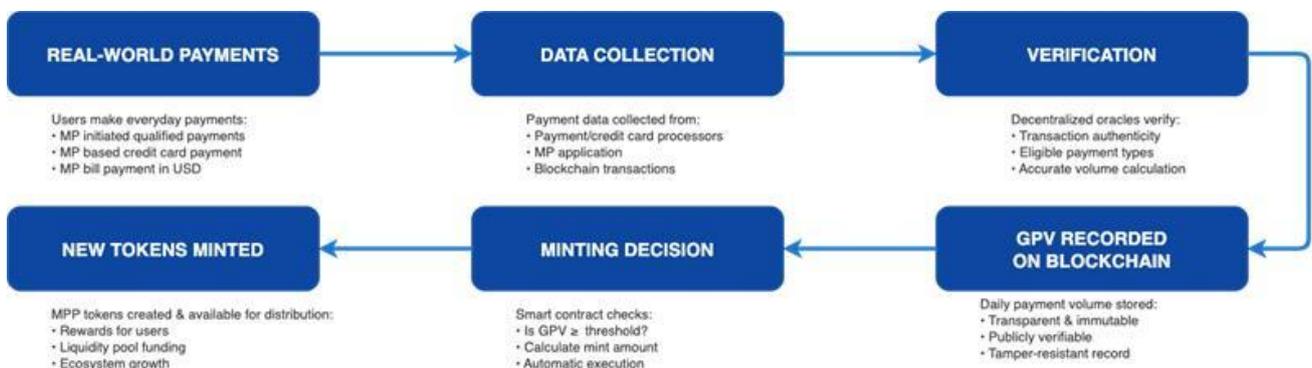
Figure 2 - GPV Verification Flow

Figure 3 - GPV Calculation Process

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9.3.   Interaction with Minting Engine

The minting engine is designed to interpret GPV and nothing else. Its behavior is governed by a deterministic rule embedded into the architecture: when daily GPV exceeds USD 10 million, the engine mints MPP into the treasury using the fixed minting rate of 5,000 MPP for every USD 100,000 above the threshold. No actor, including the treasury, can modify this behavior. The minting engine does not consider market conditions, anticipated activity, incentive costs, or operational demands. It reacts strictly to verified MPP-settled throughput.

This structure is intended to ensure that supply expansion remains predictable and auditable. It also reinforces the regulatory posture of MPP as a functional token, since supply creation is not tied to speculative behavior or discretionary judgment.

9.4.   Architectural Integrity

The integrity of the *MegPrime* ecosystem is designed to rest on the boundaries that separate each component's responsibilities. Settlement cannot be bypassed; verification cannot be skipped; GPV cannot be inflated by non-qualifying activity; incentives cannot trigger minting; and routing cannot modify internal economic records. These constraints are intended to protect the ecosystem from unintended interactions and ensure that every stage of the process, from initiation to payout, occurs within a predictable and clearly defined structure.

This disciplined architecture is designed also to support long-term stability. As usage increases, the ecosystem continues to process activity through the same MPP-settled, verification-driven flow. Incentives remain downstream, supply remains tied to verified behavior, and routing remains external to economic logic. This consistent structure is designed to ensure that the app's internal economy evolves without compromising MPP's functional nature or the deterministic behavior defined at inception.

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10. Governance

The governance framework of the *MegPrime* system is structured to ensure predictability, transparency, and continuity across all operational and economic components of the app. Governance is divided between rules embedded directly in the system's architecture and the operational processes overseen by the *MegPrime* team. This separation ensures that the foundational parameters governing the app's economic behavior cannot be altered through day-to-day decisions, while routine operations remain flexible enough to support ongoing system management.

Architectural governance establishes the conditions under which MPP functions and the boundaries that define its behavior. These rules include the requirement that recognized activity settles in MPP, the procedures through which GPV is measured, the deterministic minting mechanism tied to GPV thresholds, and the fixed maximum supply of 120 billion MPP. Because these elements are embedded into the system, they do not depend on discretionary judgment. They form the economic backbone of the app and ensure that MPP remains a utility token limited to settlement, measurement, and participation functions.

Operational governance covers the responsibilities necessary to maintain and evolve the app within the constraints of the architectural rules. These responsibilities include managing the treasury, administering incentives, maintaining integrations such as the future MPP-enabled card, monitoring system performance, and overseeing compliance processes. Treasury management, for example, involves releasing MPP for participation programs and operational needs, but does not include the ability to mint new tokens or alter the supply model. Operational governance functions within predefined boundaries to preserve consistency across all user interactions and system behaviors.

Governance also includes oversight of verification and compliance processes. Before any MPP-settled transaction is counted toward GPV, the system applies a verification sequence that checks identity, eligibility, category, and compliance criteria. This is designed to maintain the integrity of GPV and ensures that minting responds only to legitimate activity. The verification process operates according to standardized rules and forms a critical component of the governance structure because it is intended to protect the system from unintended or non-qualifying interactions.

Changes to smart-contract components or system modules will follow a controlled upgrade path. Any updates are expected to undergo security review, technical assessment, and internal approvals to ensure that modifications do not compromise the economic logic or regulatory posture of the app. Upgrades may address security enhancements, compliance requirements, or operational improvements, but they will not alter the fundamental principles governing supply, settlement, or the role of MPP without an explicit and documented process.

MPP does not confer governance rights of any kind. Holders cannot vote on system parameters, guide operational decisions, or influence economic rules. This reflects the token's strictly functional nature and ensures that governance remains the responsibility of the *MegPrime* team.

Through the combination of embedded system rules, structured operational processes, controlled upgrade pathways, and compliance oversight, the governance model is intended to maintain the integrity of the *MegPrime* environment. It ensures that the app behaves consistently over time, that

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MPP retains its narrowly defined role, and that the economic architecture remains stable, predictable, and aligned with its regulatory foundations.

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11. Security Model

MegPrime seeks to deploy a security model focusing on both Web2 and Web3 principles. This looks to use industry recognized best practices to protect user assets, smart contracts and data.

To secure administration and operations access, where appropriate distributed key management is used to eliminate single points of failure. By splitting private keys using multi-party computation and threshold cryptography, this will reduce the risk profile. Any on chain interactions by administrators or controllers will requires multiple independent parties to authorise, with key components geographically distributed and protected by enterprise-grade hardware security modules to ensure tamper resistance. Threshold and velocity-based controls are incorporated at the smart contract level.

User funds will be protected by strong authentication and usability-focused design; this aims to provide a technical and user experienced based approach to security. Advanced wallet management includes biometric verification, multi-factor recovery options to prevent permanent asset loss, and configurable transaction controls such as spending limits and velocity monitoring. Account abstraction and account recovery processes will allow users to secure their assets using familiar and known methods, aiming to reduce the likelihood of lost keys and lost funds.

Smart contracts that underpin the ecosystem will be subject to external audit which will be publicly available for independent verification.   Contract architecture security is reinforced through strict role-based access controls and multi-signature authorization to prevent unauthorized actions. Emergency pause mechanisms with guardian roles will allow for administrative control and response to any detected incidents, and where required, processes are protected by time-lock mechanisms.

Following established industry standards, application and operational security is provided using techniques such as input validation, secure session management, and robust API protections including as rate limiting, authentication. On and off-chain logging with 24/7 security operations response can provide real-time threat allowing any issues to be dealt with in a. timely manner.

 Participation in the *MegPrime* ecosystem and use of the MPP token involve risks typical of blockchain-based platforms and emerging digital infrastructure. Prospective users should consider the following general risk factors:

- *MegPrime* is an evolving platform. Its features, integrations, usage patterns, and operational processes may change over time, and there is no assurance that the platform will achieve or maintain any particular level of adoption or activity.
- MPP is a utility token intended for functional use within the *MegPrime* ecosystem.
- Access to MPP through decentralized or centralized trading venues, if any, depends on independent third parties and market participants. The platform does not guarantee availability, liquidity, or market access on any venue.
- Transactions in MPP are irreversible, and, accordingly, losses due to fraudulent or accidental transactions may not be recoverable. Digital asset markets are inherently volatile and subject to changing conditions. The *MegPrime* platform does not control, manage, or seek to influence
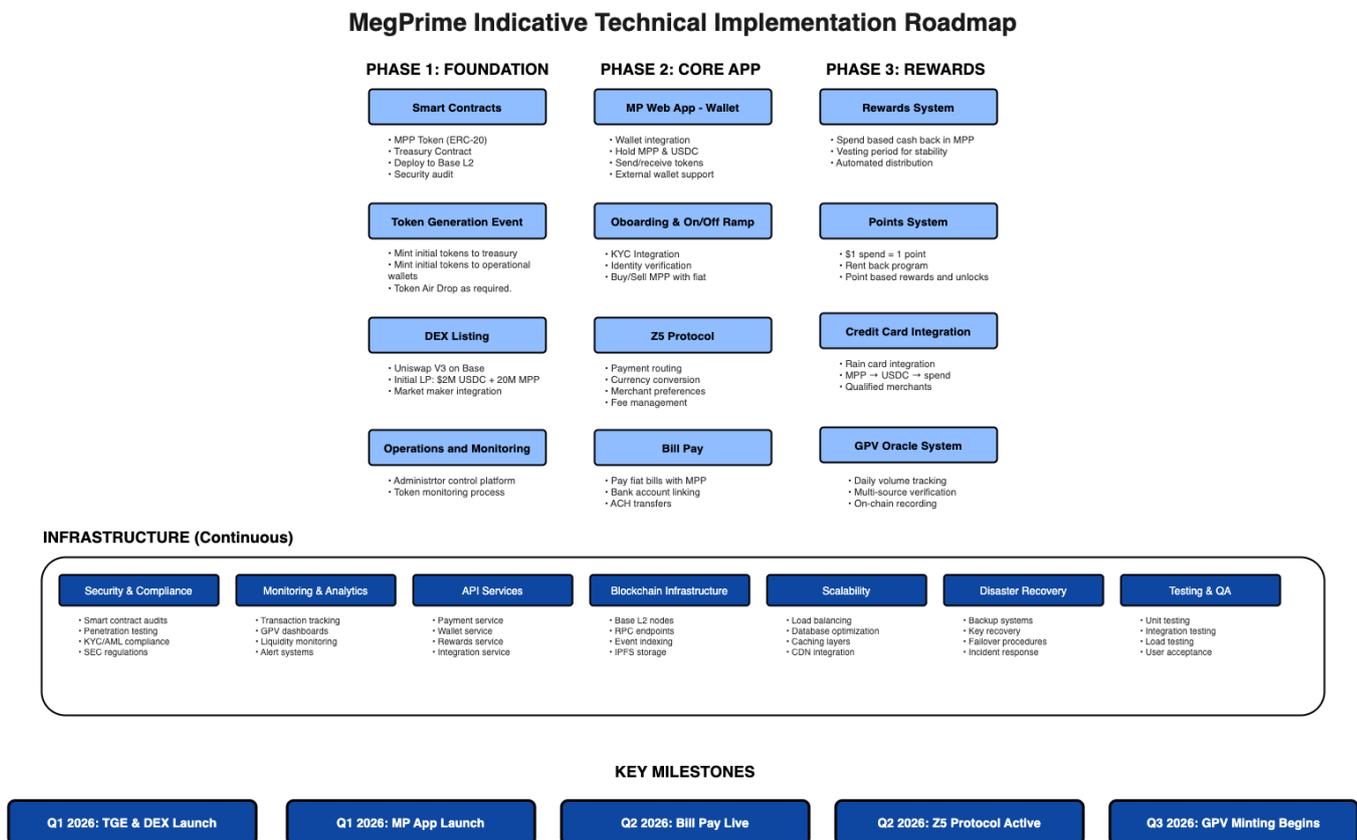
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the market price or trading behavior of MPP. Any market activity occurs independently of the platform.

- There is no assurance that a person who accepts MPP as payment today will continue to do so in the future. The regulatory landscape for digital assets continues to evolve across jurisdictions. Changes in laws, regulations, or regulatory interpretations may affect the operation of the platform or the use, transfer, or availability of MPP. *MegPrime* relies on software systems, blockchain infrastructure, and third-party services that may experience technical issues, delays, or disruptions. While reasonable measures are taken to support secure operation, no system is free from risk.

- Some transactions may be deemed to be made when recorded on the *MegPrime* blockchain infrastructure, which may not necessarily be the date or time that you initiate a transaction. Use of the *MegPrime* platform and MPP token does not guarantee any specific outcome, benefit, or result. MPP does not represent ownership, investment, or entitlement to financial returns.

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12. Technical Roadmap

The following roadmap outlines the indicative sequencing of technical components and integrations currently planned for the *MegPrime* platform. It is intended to provide visibility into the platform's architectural direction and development priorities rather than to serve as a fixed or exhaustive delivery schedule. The timing, scope, and implementation of individual components may evolve in response to technical, regulatory, operational, or integration considerations. Inclusion of any feature, module, or milestone in this roadmap does not constitute a commitment to deploy such functionality by a specific date, nor does it imply that all components will be launched simultaneously or in the order shown.

Figure 3 – Technical Roadmap

MegPrime Indicative Technical Implementation Roadmap

13. Disclaimers

This whitepaper is provided for informational purposes only and describes the current design intentions, system architecture, and operational logic of the *MegPrime* platform and the MPP token as of the date indicated on the cover page. This document is not an offer to sell, a solicitation of an offer to buy, or a recommendation of any securities or other financial instruments, and it is not a prospectus or offering document. Nothing herein constitutes a commitment to conduct any token sale, listing, or distribution beyond what is expressly described as part of the platform's functional architecture and treasury operations.

No representations or warranties have been made to the recipient of this whitepaper or to any other person or entity as to the accuracy or completeness of the information, statements, opinions, or matters (whether express or implied) arising out of, contained herein, or derived from this whitepaper or any omission from this whitepaper or of any other written, oral, or other information, statements, or opinions provided now or in the future to any party. No representation or warranty is given as to the success or reasonableness of any plans or projections and nothing in this whitepaper is or should be relied upon as a promise, representation or warranty about anything in the future.

Statements in this document may include forward-looking statements regarding anticipated technical integrations, roadmap milestones, operational processes, and ecosystem behavior. These statements are based on current plans and assumptions and are subject to change without notice. Actual results may differ materially due to technical, regulatory, operational, market, and integration factors. Inclusion of any feature or milestone in the technical roadmap does not constitute a commitment to deliver on a particular timeline or in a particular form.

MPP Token Disclaimer

The MPP token is a utility token designed exclusively for use within the *MegPrime* platform. It does not represent ownership, equity, revenue rights, profit share, debt, or any other interest in *MegPrime* or any affiliated entity. MPP tokens are not legal tender, are not backed by any government, and are not redeemable for fiat or other digital assets outside the *MegPrime* platform. Any references to rewards, incentives, or platform benefits associated with MPP usage do not constitute interest, dividends, income, or any form of financial return. *MegPrime* has received a no-action letter from the U.S. Securities and Exchange Commission (SEC). The no-action letter stated that the SEC's Division of Corporation Finance will not recommend enforcement action against MegPrime as to the offer and sale of MPP token if done as described in *MegPrime's* description submitted to the SEC, without registering MPP token (i) under Section of the securities Act or (ii) as a class of equity securities under Section 12(g) of the Exchange Act.[2] This document is not a legal opinion, regulatory analysis, or financial advice.

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[2] The SEC's no-action letter is available at SEC.gov | MegPrime Holding LLC .

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14. Appendix A

Illustrative Example of GPV-Based Minting Threshold Progression

Table 5 - GPV-Based Minting (illustrative)[3]

Daily volume threshold	Date threshold was first met	Total number of tokens tied to threshold	Daily issuance of tokens tied to threshold	Number of days over threshold	Number of tokens issued
$10.1M	1/5/26	10M	5,000	421	2,105,000
$10.2M	3/22/26	10M	5,000	345	1,725,000
$10.3M	4/6/26	10M	5,000	269	1,345,000
$10.4M	5/18/26	10M	5,000	227	1,135,000
$10.5M	7/17/26	10M	5,000	167	835,000
$10.6M	8/21/26	10M	5,000	132	660,000
$10.7M	9/3/26	10M	5,000	119	595,000
$10.8M	10/5/26	10M	5,000	87	435,000
$10.9M	11/1/26	10M	5,000	60	300,000

This appendix provides a hypothetical, non-normative illustration of how the GPV-based minting thresholds may operate under assumed transaction volume conditions. The example is provided solely for explanatory purposes and does not represent forecasts, commitments, or expected future release patterns.

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[3] https://www.sec.gov/files/corpfin/no-action/megprime-request-final-011226.pdf

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