

AXIONstep

AI-Powered Real-World Asset Investment Automation

A Solana-based intelligence layer that connects
RWA analytics,
portfolio policy and rebalancing



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Important Notice



Status of This Document

This whitepaper describes AXIONstep's technology, product and token structure. It is not an offering memorandum or legal opinion and carries no regulatory approval or endorsement.

- AXt does not confer ownership of any RWA, debt claims, dividends, redemption rights or fixed returns.
- The price or liquidity of AXt, exchange listings and the platform development schedule are not guaranteed.
- AI outputs support information analysis and decision-making; they do not establish asset authenticity, value, suitability or future returns.
- Initial automation is based on analysis, simulation and user-approved execution.
- The issuer, custodian, redemption terms, permitted use and risks of each connected RWA must be reviewed in its product documentation.



A three-layer framework for isolating and controlling risk



Token Risk

Price and Liquidity



AI Risk

Model and Data



RWA Risk

Rights and Redemption

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Executive Summary

RWA products now extend across government debt, funds, equities, ETFs, private credit and commodities. AXIONstep standardizes heterogeneous product data and connects it to AI risk analysis, portfolio policy and continuous monitoring.



RWA Discovery

Collects and normalizes product, issuer, maturity, liquidity and access data.



AI Risk Engine

Scores asset, issuer, liquidity, market, operational and data risks with supporting evidence.



Portfolio Engine

Converts investor preferences and constraints into policy-based candidates.



Automation Engine

Detects changes and connects explanation, simulation, approval and execution.



AUTOMATION PATH

01

AI Analysis

02

User Approval

03

Policy Automation

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Market Context and Challenges

RWAs connect off-chain rights and cash flows to digital tokens or on-chain records. Even similar RWAs differ in legal structure, redemption, data quality and liquidity.



FROM FRAGMENTATION TO POLICY

Current Experience	AXIONstep Experience
Review separate product sites and documents	Standardized asset, issuer and risk view
Compare primarily by headline yield	Compare liquidity, maturity, redemption and data risk
Periodic manual checks	Continuous policy-based monitoring
Recommendations without rationale	Evidence, confidence and constraints shown

Benchmark Mismatch



Yield, NAV, fees, maturity and redemption vary by product.

Off-Chain Reliance



Rights, custody, insurance and valuation rely on third parties.

Liquidity Illusion



Transferability differs from market depth and redeemability.

Fragmented Monitoring



Maturity, rating, collateral and liquidity updates are dispersed.

Automation Controls



AI execution needs data, explanation and risk controls.

CORE VIEW

AXIONstep applies one policy language across heterogeneous RWAs.

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Vision and Design Principles

MISSION

Comparable RWAs. Policy-driven and user-controlled automation.



01

Investor Control

User-defined scope, limits and stop authority



02

Evidence First

Show sources, timestamps and data quality



03

Explainable AI

Transparent rationale, drivers and counter-signals



04

Policy-Based Access

Policies reflect assets, limits and data quality



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Rights Separation

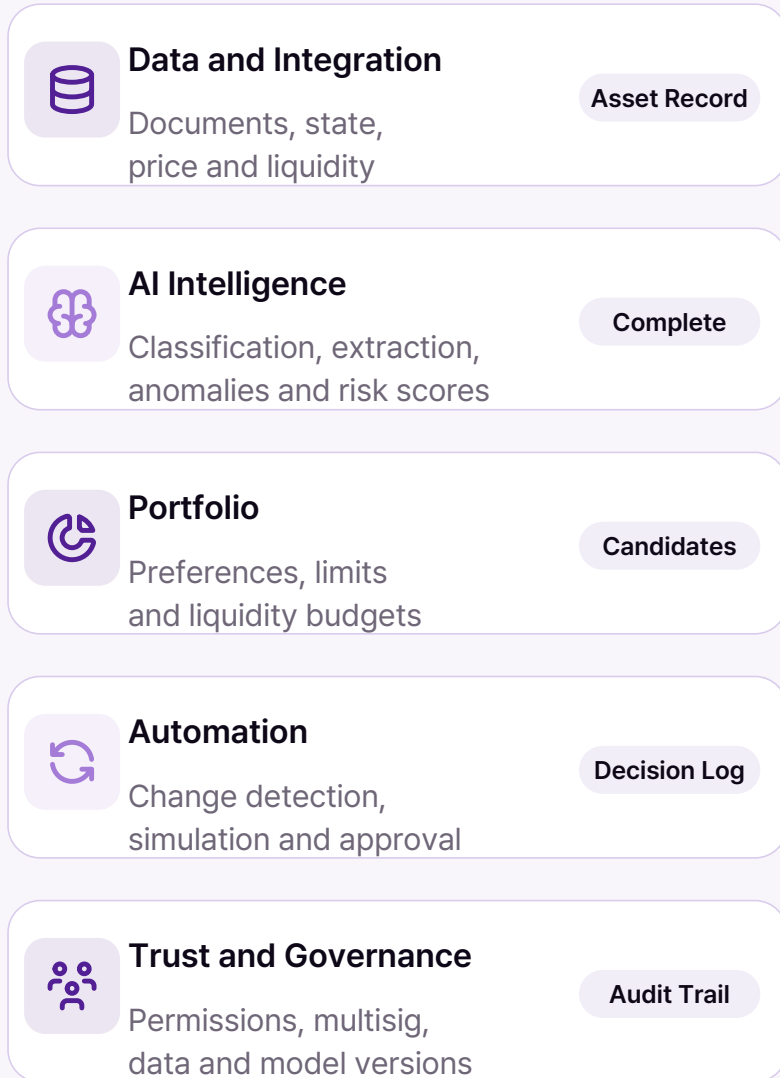
Separate AXt utility from RWA rights

Platform Role	Not Automatically Guaranteed
Data collection, normalization and risk signals	Legal title or authenticity of an asset
Portfolio policy and simulation	Principal, returns, listing or liquidity
User-approved order routing	Automation outside the supported scope

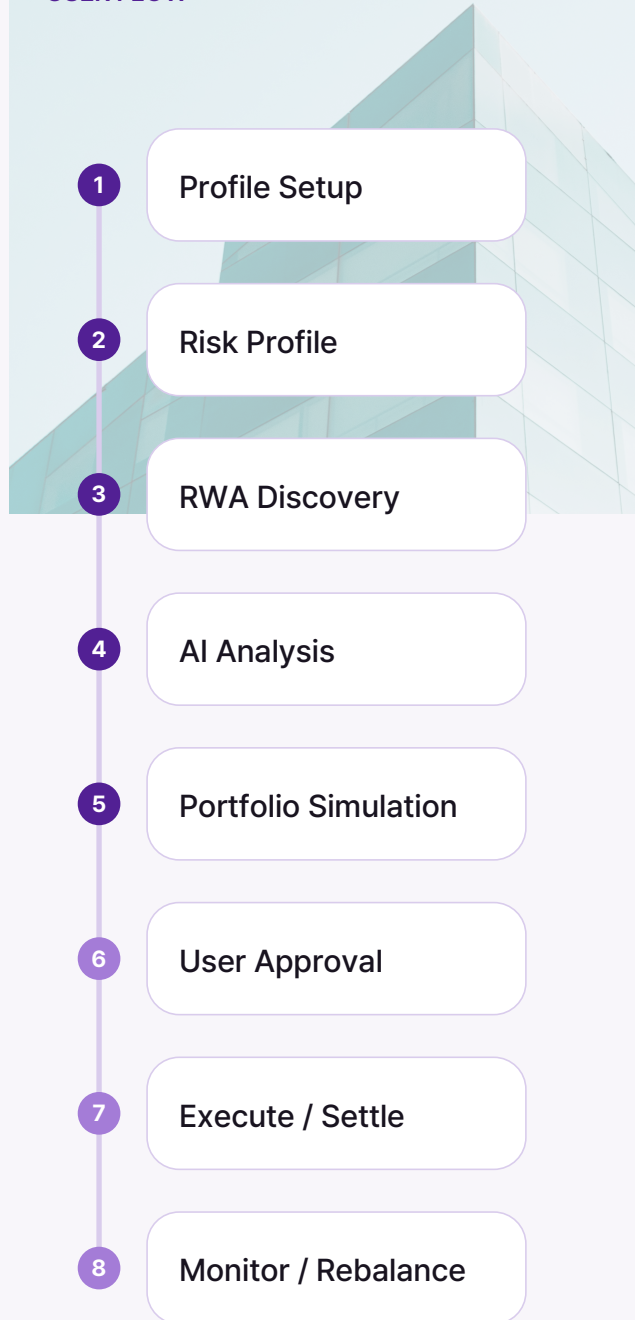
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Platform Architecture

FIVE-LAYER ARCHITECTURE

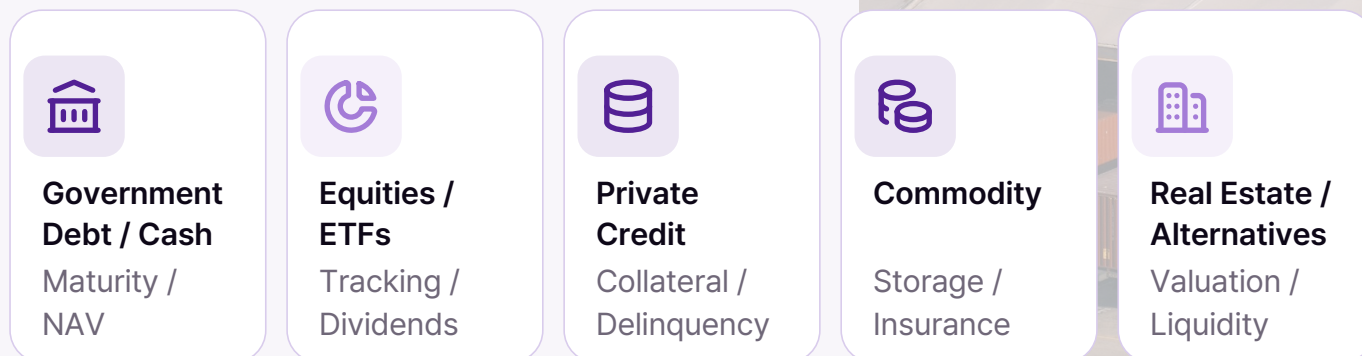


USER FLOW

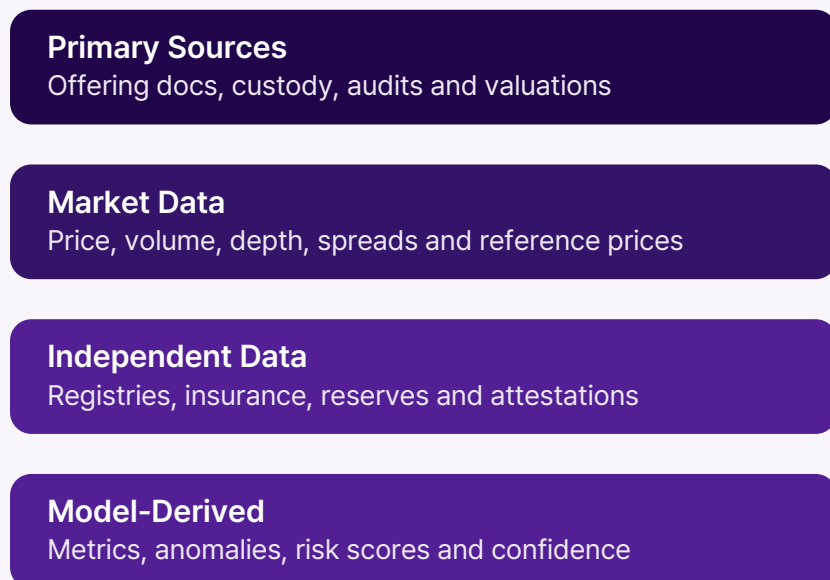


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RWA Data and Asset Coverage



DATA TRUST LAYERS



ASSET ENTRY GATE

- Identifiable issuer or operator and official documents
- Rights, redemption, fees and use terms
- Price, NAV, maturity and liquidity
- Smart contract, token address and network
- Data gaps and policy-breach status controls

DATA PRINCIPLE

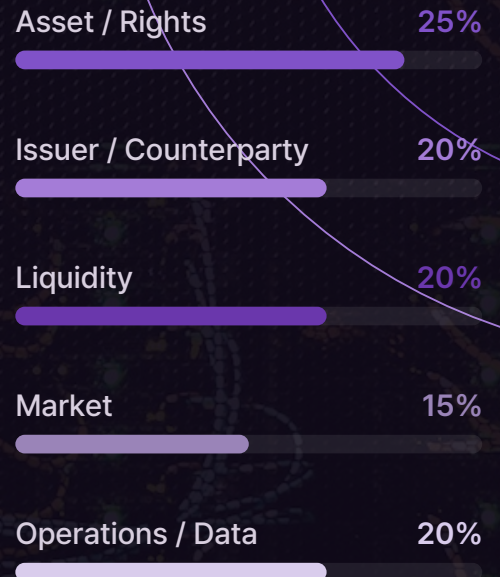
Missing data is itself a risk signal. Omissions, delays and conflicts are displayed explicitly.

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AI Investment Analytics Engine



RISK SCORE WEIGHTS



Responsible AI

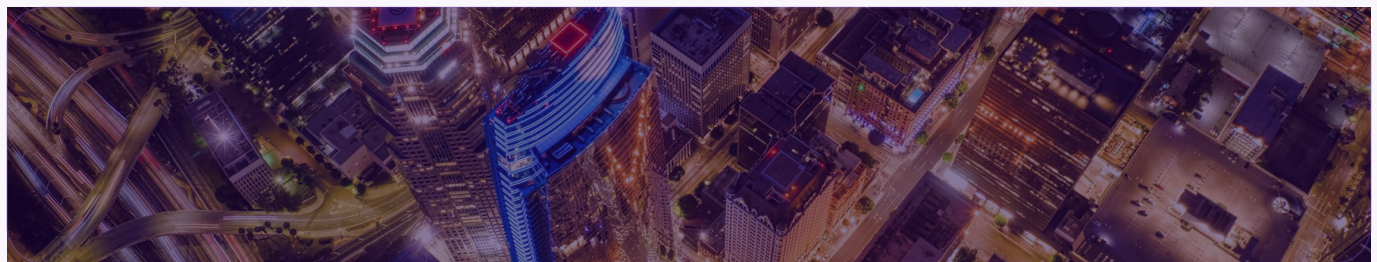
- Version logs
- Unsupported claims blocked
- Low confidence: human review
- Weights = 100%
- No return guarantee

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Portfolio Construction

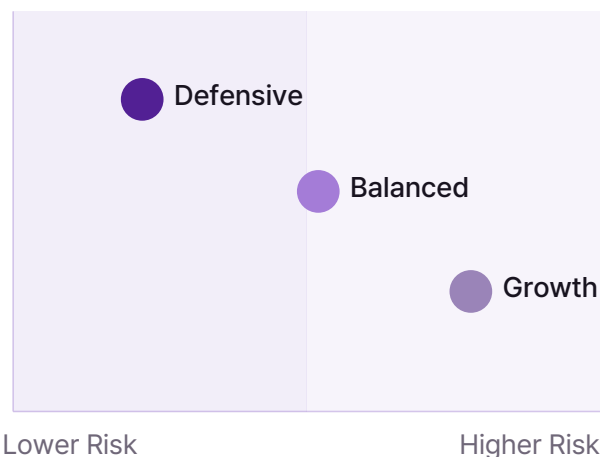
The portfolio engine balances risk profile, horizon, liquidity, maturity, counterparty exposure, concentration and cost - not expected return alone.

Policy Factor	Question	System Treatment
Loss Tolerance	Acceptable volatility and mark-to-market loss?	Risk budget and alerts
Investment Horizon	When is capital needed?	Maturity, redemption window and duration
Liquidity	How much liquidity, and how quickly?	Cash bucket and market depth
Concentration	Maximum exposure per asset, issuer or region?	Asset and counterparty limits
Access Scope	Which products or networks are excluded?	Pre-filters and order blocks
Cost	How do fees, spreads and taxes affect outcomes?	Net-effect simulation



PORTFOLIO POLICY MAP

High Liquidity



Policy Profiles



Defensive

Short maturity, high transparency



Balanced

Diversified across assets and issuers



Growth

Allows market, credit and liquidity risk

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Rebalancing and Investment Automation

EXECUTION FLOW

1 Detect

Price, liquidity, maturity and policy events



2 Explain

Breach conditions and portfolio impact



3 Simulate

Risk, cost and concentration before and after adjustment



4 Approve

Asset, amount, price conditions and validity period



5 Execute

Permitted wallet policy and route



6 Verify / Record

Fill, failure, partial fill and post-trade state



AUTOMATION SAFEGUARDS



Allow / block asset lists



Trade, daily, monthly limits



Slippage and price deviation



Stop on data conflict

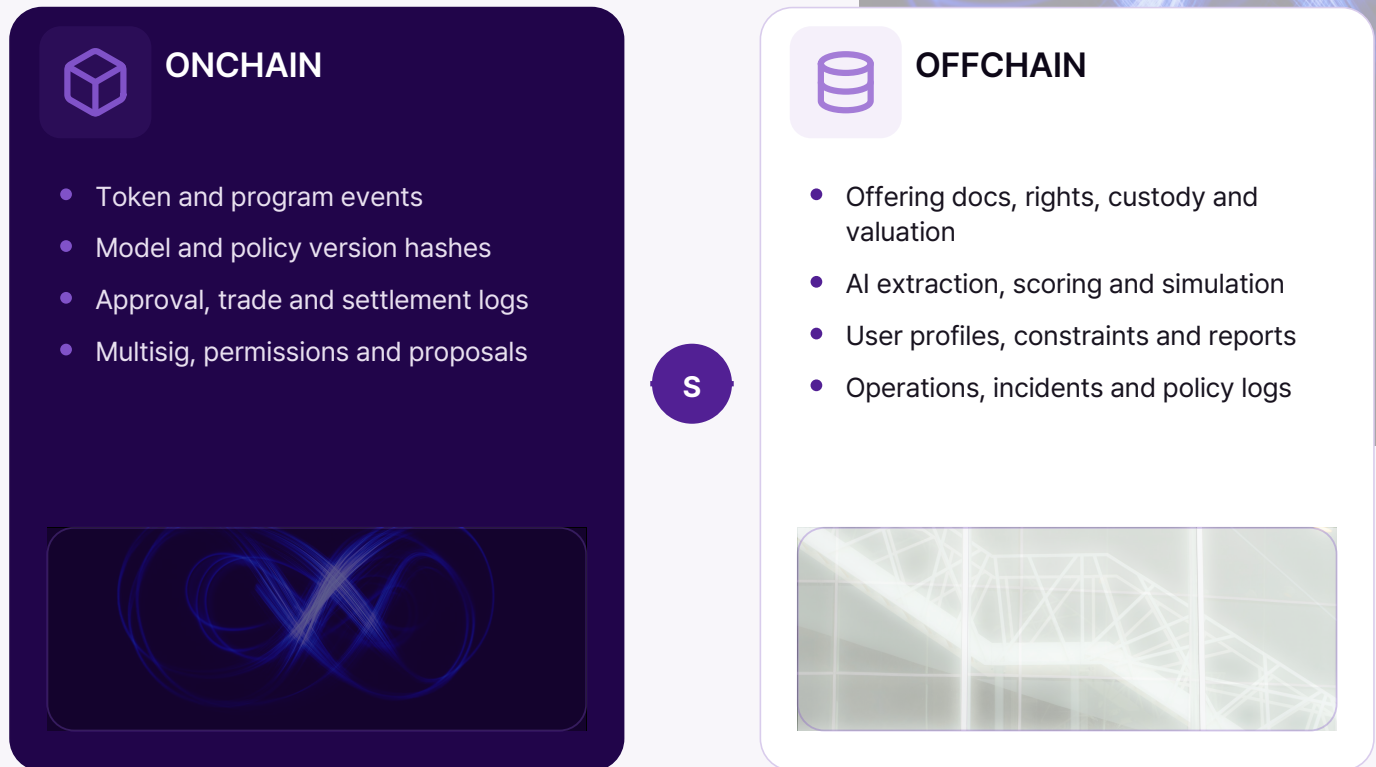


Segregated roles and multisig

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Solana Technical Architecture

ONCHAIN / OFFCHAIN BOUNDARY



TOKEN PROGRAM

AXt

Uses the standard SPL Token Program for exchange and wallet compatibility.

External RWAs

Depending on issuer structure, restricted products may use Token-2022.

SECURITY CONTROLS



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AXt Token

AXt

UTILITY + QUALITY BOND + SETTLEMENT

Network
Solana Mainnet

Total Supply
10,000,000,000

Decimals
9

Program
Standard SPL



Service
Access



Governance



Quality Bond



Contributor
Rewards

WHY A TOKEN

Data, strategy, validation and user participants connect through one automation network. AXt settles service access, quality accountability and contributor rewards.

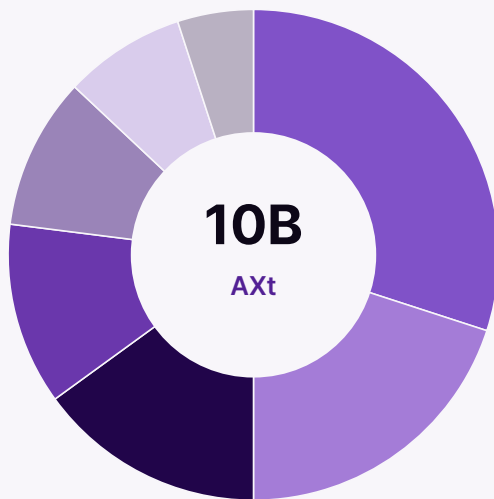
Function	Role of AXt	Without the Token
Service Access	Access and fees for analytics, APIs and automation	Fragmented payments
Quality Bond	Provider AXt bond and accountability for errors	Limited economic accountability
Contributor Rewards	Rewards for data improvement, model evaluation and risk alerts	Reliance on a central budget
Governance	Participation in supported-asset and data-quality parameters	Centralized policy control

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Token Rights and Tokenomics

Rights Not Conferred by AXt

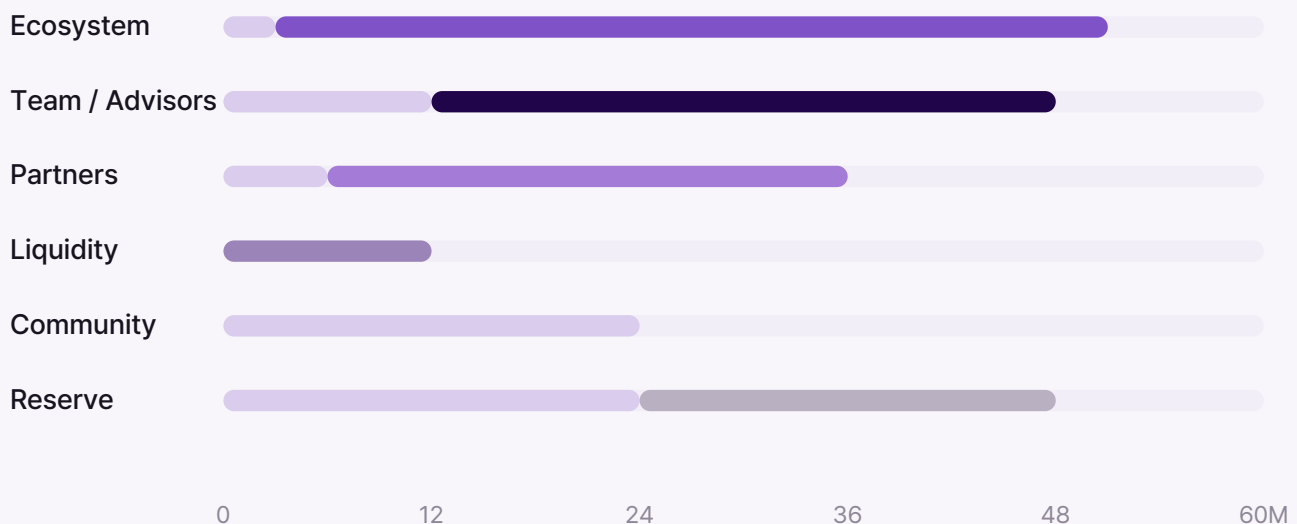
- RWA title, liens, dividends or redemption
- Principal, yield, listing or liquidity
- Issuer equity or profit share
- Regulatory approval or investor protection



TOKEN ALLOCATION

● Ecosystem / Users	30%	3.0B
● Treasury / Product	20%	2.0B
● Team / Advisors	15%	1.5B
● Strategic Partners	12%	1.2B
● Liquidity / Exchanges	10%	1.0B
● Community	8%	0.8B
● Reserve	5%	0.5B

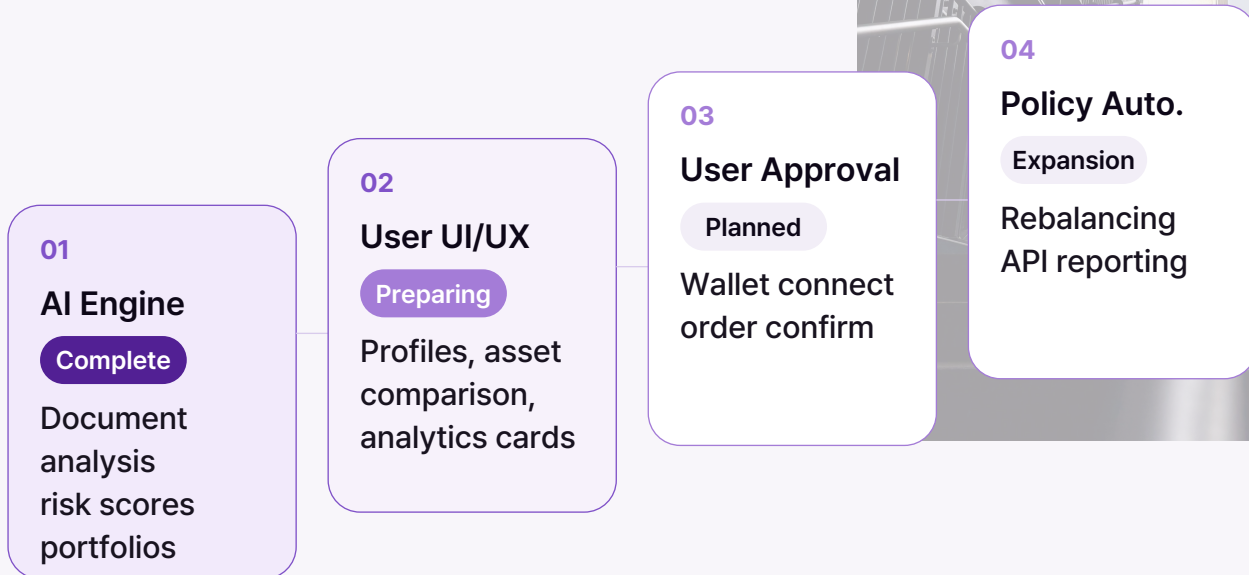
VESTING TIMELINE



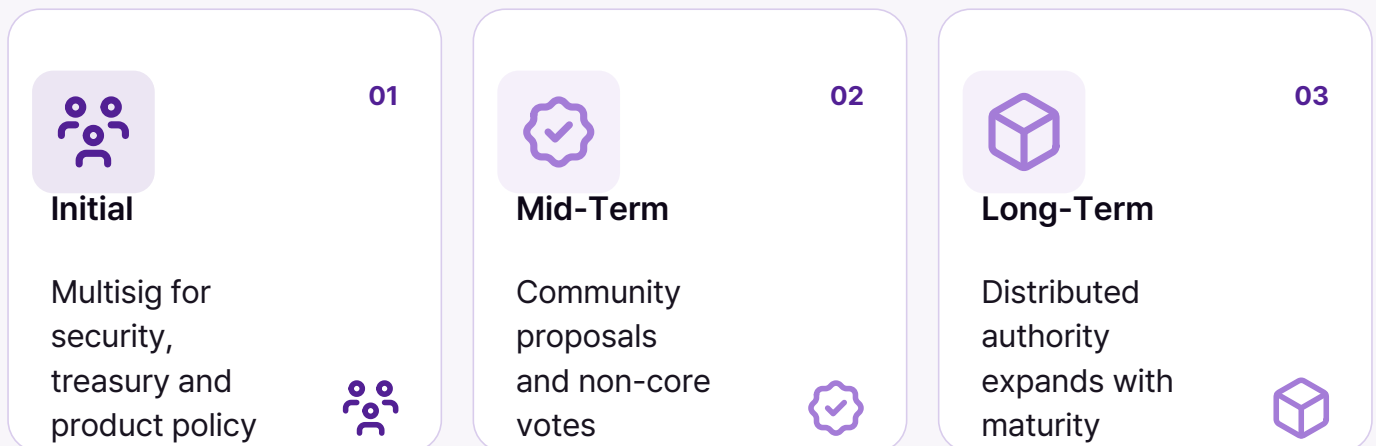
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Development, Roadmap and Governance

ROADMAP



PROGRESSIVE GOVERNANCE



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Risk Factors and References

AXIONstep Risk	Project-Specific Considerations
AXt Utility	Used for analytics, APIs, automation, quality bonds, rewards and governance; it confers no RWA rights or returns.
RWA Data	Delays, omissions or conflicts in offering, custody, valuation, redemption, maturity or market data can affect normalization and risk scores.
AI Analytics Engine	Document extraction, risk scoring and explanations may be wrong, and models may change. Outputs are operating indicators, not return guarantees.
Portfolio Policy	Incorrect profile, horizon, liquidity or concentration inputs, or changes in asset status, may make a candidate unsuitable.
User Approval	After UI/UX and wallet integration, users may misread approval conditions; orders may fail, fill partially or incur slippage.
Rebalancing Automation	Errors in thresholds, trading limits, permitted assets or price conditions may cause excessive adjustment or suspended execution.
Solana / Governance	SPL, RPC, wallet, key or multisig failures, plus concentrated AXt bonding, rewards or voting, may create operational failures or conflicts of interest.

PROJECT REFERENCES

- 01 AXIONstep Core System**
Chapters 06-10 - platform, RWA data, AI, portfolio and automation
- 02 AXt and Implementation Basis**
Chapters 11-14 - Solana, AXt, tokenomics and roadmap
- 03 External Technical References**
Solana RWA Tokenization / NIST AI RMF

**AXIONstep**

AI-powered RWA investment automation

axion2300.com