

ENTELEKRON

Master Whitepaper

The Sovereign Core of Civilization

Protocol · Intelligence · Trust · Finance · Infrastructure

VERSION v3



INSTITUTIONAL MASTER · 24 SEPTEMBER 2026

Research, engineering, planned and regulatory-gated capabilities are labelled explicitly.

The Sovereign Core of Civilization

Document Control

Canonical architecture, economics and maturity boundaries

MASTER

ENGLISH

2026-09-24

Purpose

Institutional technical and economic reference for ENTELEKRON. It separates live, engineering, research, planned and regulatory-gated capabilities.

Control rule

Public claims must match deployed reality. Native consensus research is not production consensus; regulated Financial Mesh functions activate only after their legal, security, partner and operational gates.

Economic control

ENK has 100B maximum supply. Stage 4 uses a common TGE clock: 25% at TGE and 25% at months 1, 2 and 3. Existing Stage 1–3 executed or published terms are not retroactively worsened.





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Executive Summary

A sovereign protocol architecture built through staged, evidence-driven deployment.



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A sovereign protocol architecture built through staged, evidence-driven deployment. ENTELEKRON uses explicit control boundaries so that architecture, economics, identity, intelligence and financial functions can evolve without collapsing into one undifferentiated trust domain.

Institutional design rule

Capability is not treated as authority. Every sensitive transition requires an identifiable control plane, evidence path, accountable operator or governed protocol rule.

Maturity discipline

Live, engineering, research, planned and regulatory-gated components are distinguished so the document does not market future capability as present production reality.

The objective is a system that can be independently reviewed: economic terms are sourced from canonical configuration, sensitive actions are gated, and future decentralization is earned through testing rather than asserted in advance.

Sovereign Design Principles

Sovereignty without isolation: controlled interoperability, explicit authority and verifiable evidence.



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Building the foundations of digital trust

Six interconnected capabilities designed to support future systems requiring trusted digital interactions.



Trust

Foundational trust architecture enabling reliable digital interactions across systems and organizations.



Identity

Digital identity and access verification designed for future enterprise and institutional integration.



Verification

Multi-layer verification flows supporting document, credential and transaction validation.



Integrity

Record integrity and tamper-evident proof systems for auditable digital records.



Auditability

Transparent audit trails and monitoring interfaces designed for compliance readiness.



Interoperability

Cross-system trust bridges enabling secure data exchange between heterogeneous platforms.

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Architecture & Deployment Tracks

Ethereum settlement today, rollup engineering next, native consensus only after research gates.



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The Digital Infrastructure Operating System

Connecting artificial intelligence, digital trust, cloud infrastructure, energy systems and physical infrastructure.

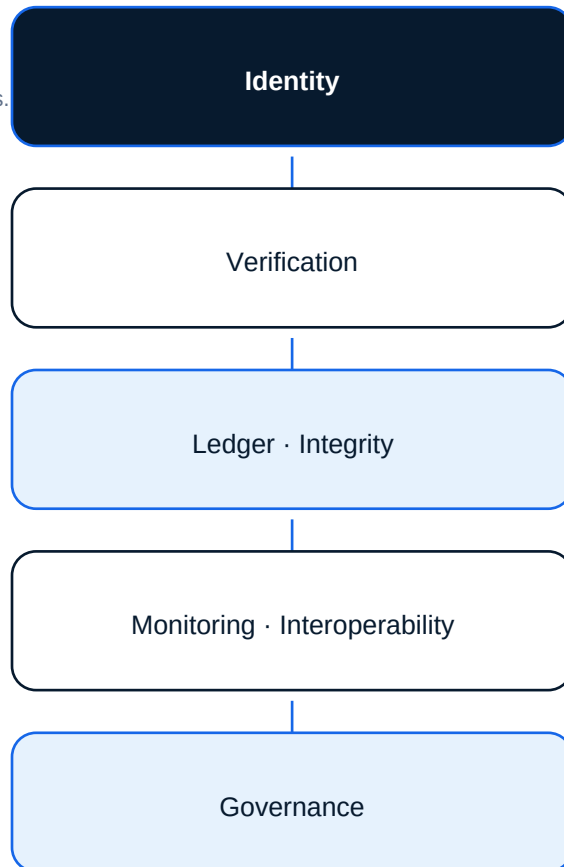
A controlled stack for trusted digital infrastructure

The architecture separates identity, verification, ledger integrity, monitoring, interoperability and governance while allowing evidence to move between layers. Research-stage and regulated capabilities retain explicit activation boundaries.

Status: research, engineering and testnet preparation.

No mainnet-live claim is made.

Initial chain path remains conservative, secure and auditable.



Ecosystem Registry & Module Topology

One system, many bounded modules, with maturity status visible at the point of claim.



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Strategic parent organization
Organizational context; no automatic token rights.

Infrastructure, trust and intelligence modules

Canonical capabilities grouped by function; status and activation remain module-specific.

Infrastructure & Trust

EnteleSCAN Network intelligence and verification monitoring.	EnteleLINK Cross-system interoperability bridge.	EnteleLEDGER Enterprise record verification.	EnteleVAULT Secure identity and credential vault.
GraphVault Document integrity and semantic validation.	ChronoSEAL Timestamping and proof-of-existence.	TVK ID Digital identity and access verification.	EnteleCLOS Digital continuity and recovery.

AI & Intelligence

CEREBTHRA Cognitive intelligence architecture.	COGNETHRA Cognitive-ethical AI reasoning.	SYNTHERRA Synthetic intelligence coordination.	SOVRA Sovereign intelligence, reasoning and evidence coordination.
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EntelePOINT

One identity. One access point. One connected digital ecosystem.

INDIVIDUALS · MERCHANTS · ENTERPRISES · DEVELOPERS · PARTNERS · INSTITUTIONS

EntelePOINT

IDENTITY · SECURITY · PERMISSIONS · NOTIFICATIONS

IDENTITY

TVK ID · verification

WALLETS

EnteleWALLET · machine wallets

PAYMENTS

EntelePAY · commerce

FINANCE

Financial Mesh · gated

AI

SOVRA · intelligence

INFRA

Ledger · Scan · Link

SECURITY

Vault · CyberLab

DEVELOPER

APIs · SDKs · test access

CONTROL BOUNDARY

EntelePOINT is the unified technology and ecosystem-access layer. It is not itself a bank, payment institution, exchange, broker, custodian, wallet provider or licensed financial institution. Regulated services reached through the gateway remain subject to the identified provider's eligibility, compliance and contractual terms.

Source alignment: entelepoint.com · operator: TVK Labs & Technologies LTD · status labels remain product-specific.

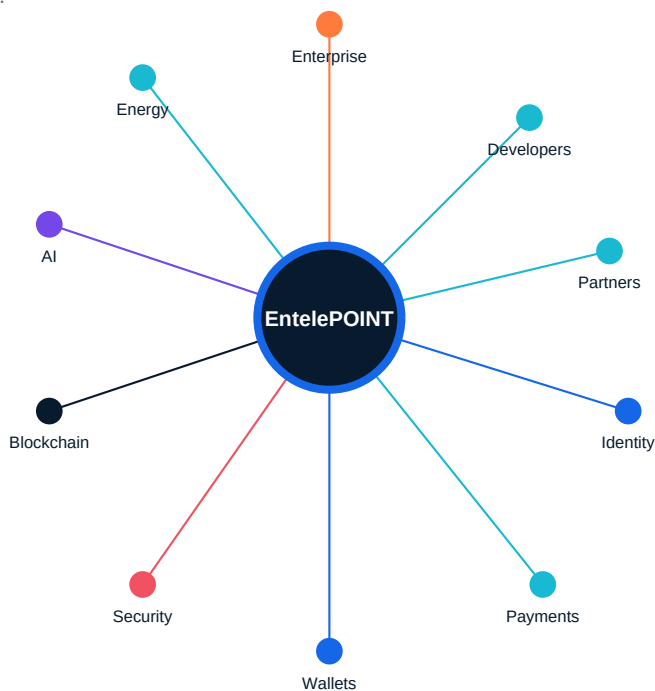
One Access Point for the Entire Entele Ecosystem

Identity, payments, wallets, infrastructure, intelligence, security, developer services and enterprise access.

EntelePOINT

A single connected gateway into the Entele ecosystem.

It orchestrates access and permissions; it does not erase the legal, security or compliance boundary of the service behind it.



ACCESS PRINCIPLE

Individuals · Businesses · Developers · Partners · Institutions

→ EntelePOINT → Identity · Security · Permissions · Notifications → ecosystem services

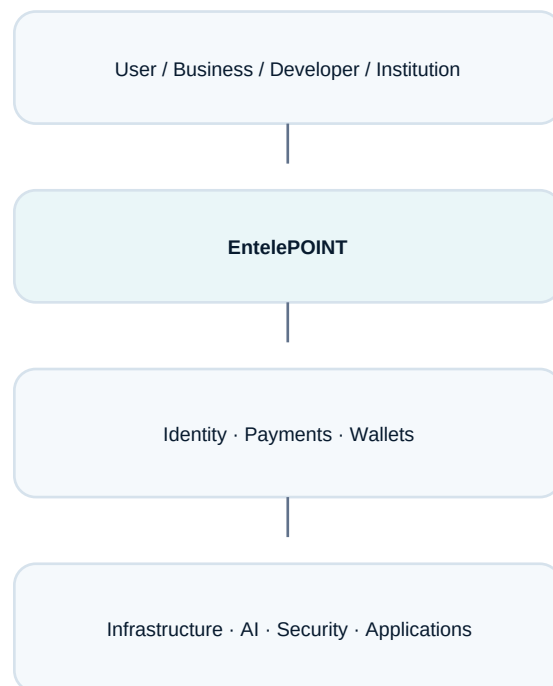
Regulated functions remain provider-, jurisdiction-, eligibility- and activation-gated.

A connected digital infrastructure access layer

The portal brings ecosystem applications and services together without collapsing their control boundaries.

One trusted portal, multiple controlled service domains

Discover applications, access services, connect identity, manage permissions, explore infrastructure and enter the ecosystem through a single navigation layer.



DESIGN BOUNDARY

EntelePOINT is the access and orchestration layer - not a substitute for the underlying product, provider or legal entity. Authentication, permissions and navigation can be unified while custody, payments, exchange, treasury and settlement retain separate security, accounting, contractual and regulatory controls.

Global Architecture, Regional Capability

Designed for multilingual access, cross-border infrastructure and jurisdiction-aware deployment.



REGIONAL CAPABILITY PRINCIPLE

The architecture is globally addressable but operational capability remains jurisdiction-aware.

Where local coverage does not exist, the system must not imply availability.

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ENK Token

Coordination and ecosystem utility asset with a fixed 100 billion maximum supply.



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Tokenomics & Allocation

Allocation architecture designed around sale, ecosystem, team, treasury, validators and liquidity.



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Four-Stage Sale Architecture

Canonical economics, eligibility and controlled payment access across four sale stages.



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Canonical economics, eligibility and controlled payment access across four sale stages.

Stage	Price	Minimum	Bonus	Vesting
1 Early Investor	\$0.008	\$10,000	5%	15 mo
2 Ecosystem Access	\$0.010	\$5,000	3%	12 mo
3 Private Sale	\$0.012	\$2,500	2%	12 mo
4 Public Presale	\$0.016–0.048	\$500 start	5%	3 mo

Stage 4 operates from 23 September 2026 through 9 March 2027 across six sections. The public vesting clock begins at the common TGE / Distribution Activation Date, not at each purchaser's payment date.

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Stage 4 Public Presale

Six price sections, one public-round allocation, one common TGE-based release clock.



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Six price sections, one public-round allocation, one common TGE-based release clock.



Public release: 25% at TGE, then 25% at TGE +1, +2 and +3 months. No cliff. All six sections share the same TGE clock.

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Strategic Partner Program

Contribution-gated preferential pricing separated from ordinary public participation.



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Contribution-gated preferential pricing separated from ordinary public participation.

Strategic Partner

\$0.0068 / ENK · minimum \$100,000 · 3-month cliff · 18-month vesting. Approval, measurable contribution, compliance review and written agreement required.

Strategic Anchor Partner

\$0.0064 / ENK · minimum \$250,000 · 6-month cliff · 24-month vesting. Reserved for high-value ecosystem contribution and approved strategic relationships.

These tiers are not ordinary sale stages and are not automatically available to promoters or introducers. Preferential pricing does not imply guaranteed liquidity, listing, market value or return.

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Vesting, Unlocks & Distribution

Release controls across investor, founder, team, treasury, validator and ecosystem allocations.



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Release controls across investor, founder, team, treasury, validator and ecosystem allocations.

Public Stage 4

25% TGE + 25% M1/M2/M3 · No cliff

Founder / Core Team

0% TGE · 18m cliff · 48m linear · Restricted

Team

0% TGE · 12m cliff · 36m linear · Restricted

Advisors

0% TGE · 12m cliff · 24m linear · Restricted

Treasury

48–60m controlled release · Budget / milestone

Validators

60–72m emissions target · Only after function active

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Investor Lifecycle & Portal

Account, eligibility, KYC, allocation, payment, reconciliation and distribution as a controlled state machine.



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KYC / AML & Sumsb

External verification technology integrated into an ENTELEKRON-controlled participation decision workflow.



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Verification technology — Sumsb

ENTELEKRON's investor flow is designed to use Sumsb as the external identity-verification and compliance technology layer for KYC/AML workflows. Final eligibility and participation decisions remain with the responsible ENTELEKRON entity.

Control sequence

Account → consent → identity verification → screening / risk signals → ENTELEKRON eligibility decision → allocation approval → protected payment instructions.

The architecture can incorporate identity verification, sanctions/PEP/watchlist screening, fraud controls and transaction-monitoring capabilities according to the configured programme. Provider capability does not itself establish the legal sufficiency of any jurisdiction-specific compliance programme.

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Wallet & Machine Authority

Human, agent and robot wallet boundaries with constrained delegation and revocation.



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Treasury, Security & Transparency

Segregated books, controlled wallets, evidence, reconciliation and public transparency.



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SOVRA & Sovereign Intelligence

Reasoning and evidence coordination without silently converting AI output into execution authority.



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EnergieMIND & Energy Intelligence

Energy, mining and infrastructure intelligence linked to evidence and governed economic activity.



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Identity, Time, Proof & Trust

TVK ID, Q-Presence, ChronoSeal, GraphVault and proof layers as composable evidence.



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Native Consensus Research Architecture

A research path, not a production claim: typed evidence, quorum, locking, recovery and accountability.



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A research path, not a production claim: typed evidence, quorum, locking, recovery and accountability.

Quorum & QC

Validate quorum certificates and locking rules

Round change

Deterministic progress under delay/failure

Admission

Typed evidence and credential lifecycle

Execution

Deterministic state-machine receipts

Recovery

WAL, snapshot and state-sync research

Accountability

Objective evidence for faults and equivocation

Status: RESEARCH — NOT DEPLOYED. Byzantine fault tolerance is established distributed-systems prior art. ENTELEKRON does not claim to have invented BFT.

Byzantine Fault & Mutation Testing

Adversarial mutation, equivocation, replay and partition testing used to challenge safety assumptions.



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Recovery, State Sync & Message Integrity

WAL, snapshot, replay and state-sync research for deterministic recovery.



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Chain Evolution & Progressive Independence

A maturity ladder from Ethereum anchoring to gated sovereign execution and research-led independence.



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Financial Mesh

Payments, card rails, exchange, quantitative intelligence, treasury, minting and TVKUSD under explicit control boundaries.



Financial Mesh

Payments, card rails, exchange, quantitative intelligence, treasury, minting and TVKUSD under explicit control boundaries.



All Financial Mesh services are activation-gated. TVKUSD reserves/customer assets, corporate treasury, ENK ecosystem treasury and settlement liquidity remain separate legal/accounting books. EnteleQUANT produces analytics and risk intelligence; it does not bypass compliance, treasury, custody or human-authorized execution.

Governance, Validators & Accountability

Admission, credential lifecycle, observability, treasury controls and accountable authority.



Governance, Validators & Accountability

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Roadmap & Delivery Gates

Delivery phases from public foundation through infrastructure, intelligence, finance and mainnet readiness.



Roadmap & Delivery Gates

Delivery phases from public foundation through infrastructure, intelligence, finance and mainnet readiness.

1	Public Foundation	Completed
2	Investor Platform	Completed
3	Private Sale & Hardening	Completed
4	Infrastructure/Testnet	2026–27
5	Intelligence/Identity/Energy	2026–28
6	Financial Mesh	2026–28
7	Governance/Mainnet Readiness	2027–29
8	Global Expansion	2027–30

Compliance, Risk & Document Control

Legal, technical, market, operational and regulatory risk boundaries with controlled public claims.



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Appendix A · Ecosystem Token Release Standard

Control reference for publication, engineering and institutional review.

ENK

Core protocol token. Public-sale vesting follows round-specific TGE schedules; team, advisor, treasury and validator releases use longer controls.

SOVRA / ENM

Application-protocol assets remain token-specific and must publish exact release terms before activation.

KRON-family

Community-token standard may permit limited TGE liquidity with the balance released linearly under token-specific policy.

TVKUSD

Stable settlement instrument: reserve-backed issuance/redemption controls replace investor-style vesting.

Credentials

Non-transferable identity, reputation and proof credentials use issue/revoke/expire/rotate policy rather than speculative allocations.

CONTROL NOTE

If marketing copy conflicts with canonical technical, economic or legal configuration, the canonical control source prevails. Revalidate this appendix before every publication release.

Appendix B · Financial Mesh Control Matrix

Control reference for publication, engineering and institutional review.

Identity / KYC	Identity verification and eligibility precede gated financial functions.
Payments / Card	Payment and card rails remain provider-, entity-, security- and jurisdiction-gated.
Exchange / Quant	Market access and quantitative intelligence do not bypass execution, treasury or compliance controls.
Treasury / Mint	Reserve, treasury, issuance and redemption authorities remain segregated.
Settlement	TVKUSD, customer assets, corporate treasury, ENK treasury and settlement liquidity remain separate books.

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Appendix C · Research Truth Boundary

Control reference for publication, engineering and institutional review.

Consensus

Native consensus architecture is research/engineering, not a production mainnet claim.

BFT testing

Mutation corpus and fault injection are adversarial test infrastructure, not a newly invented BFT theorem.

Required gates

Real signatures, authenticated transport, multi-process testnet, durable recovery and state sync remain required.

Assurance

Formal/model analysis and independent review are required before stronger safety/liveness claims.

Novelty

Project-specific composition may be distinctive; novelty is not asserted without prior-art review.

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Appendix D · Glossary & Status Language

Control reference for publication, engineering and institutional review.

TGE	Distribution Activation Date - common release anchor for sale-round vesting unless a controlling agreement states otherwise.
LIVE	Production-accessible capability.
ENGINEERING	Under active implementation; not equivalent to production readiness.
RESEARCH	Experimental architecture or validation work.
PLANNED	Not operational. REGULATORY-GATED means activation depends on legal, partner and operational approvals.

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Appendix E · Risk Register

Control reference for publication, engineering and institutional review.

Market / Liquidity

Digital-asset prices and liquidity can change materially; vesting does not guarantee value or exit liquidity.

Technology

Smart-contract, protocol, software, infrastructure and interoperability defects can cause loss or interruption.

Custody / Cyber

Key compromise, wallet error, fraud and cyberattack remain material risks.

Regulatory / Counterparty

Rules, service-provider availability and jurisdictional permissions may change.

Execution / Adoption

Roadmap timing, partner integration, user adoption and operational capacity may differ from plans.

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Appendix F · Version & Change Control

Control reference for publication, engineering and institutional review.

Master designation	This document is ENTELEKRON Master Whitepaper - Version v3.
Canonical economics	Sale economics, vesting and token configuration must be regenerated from canonical repository configuration before release.
Claim control	LIVE, ENGINEERING, RESEARCH, PLANNED and REGULATORY-GATED labels must remain synchronized with implementation evidence.
Visual control	All diagrams are engineered document graphics; website screenshots are reference inputs, not embedded publication artwork.
Release gate	Every publication build requires content review, visual render review and PDF preflight before distribution.

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