



VALERIAN DATA

Next-Generation On-Chain Intelligence & Neural Analytics

STRATEGIC TECHNICAL DOCUMENT v1.0

Framework for On-Chain Data Processing and Predictive Modeling

Version: 1.0 (Initial Release)

Date: March 2026

Classification: Institutional Investors / Strategic Partners

Primary Network: Binance Smart Chain (BSC)

1 LEGAL DISCLAIMER AND REGULATORY COMPLIANCE

IMPORTANT — READ BEFORE CONTINUING

This document does not constitute financial, legal, or tax advice. The Valerian Data platform is a technological tool for probabilistic analysis and does not guarantee specific returns or results.

1.1 1.1 Nature of the Product

Valerian Data is a software infrastructure designed for the ingestion, normalization, and analysis of data streams from public blockchain networks.

- **Not an Asset Manager:** We do not manage third-party capital or custody private keys.
- **Not an Investment Recommendation:** The output of our AI models represents a statistical estimate based on historical data and is not a buy or sell instruction.

1.2 1.2 Market and Technology Risks

Digital assets present extreme volatility. The user acknowledges that the use of predictive models carries intrinsic risks of "overfitting," smart contract vulnerabilities, and data feed latencies that may impact the accuracy of real-time signals.

1.3 1.3 Global Regulatory Compliance

MiCA Framework (EU): Valerian Data is classified as a data service provider for digital assets. The VALDATA token is a Utility Token designed for access to premium functionalities.

SEC Framework (USA): The functional design of the VALDATA token aims to avoid classification as a "security" under the Howey Test, as it does not represent equity or dividend rights, focusing purely on technological utility.

2 EXECUTIVE SUMMARY (INSTITUTIONAL VISION)

Valerian Data was founded to correct information asymmetry in the Web3 ecosystem. While most current tools are limited to reactive data visualization (“what happened”), Valerian utilizes a neural network architecture to identify “what is coming.”

In an environment where 95% of on-chain data is noise or manipulation, our advantage lies in synthesis capability and advanced liquidity filtering. We have built an engine capable of detecting institutional accumulation patterns before they are reflected in conventional market aggregators, allowing our users to operate with a “technological insider” edge.

3 MARKET CONTEXT: THE INTELLIGENCE GAP

3.1 3.1 The Information Paradox

Despite blockchain's inherent transparency, liquidity fragmentation across Layer 1s, Layer 2s, and Sidechains has created a complexity barrier insurmountable for the average analyst. Data is available, but its interpretation requires massive computing infrastructure.

3.2 3.2 Inefficiencies of Current Agents

Current participants rely on basic bots or manual dashboards that ignore:

- Predictive *slippage* in liquidity pools.
- Real token dispersion versus hidden control accounts.
- Capital rotation speed between sectors (AI, DePIN, RWA).

4 VALUE PROPOSITION

Valerian Data offers a triad of unique value:

1. **Informational Edge:** Node-level block ingestion to detect contract deployments milliseconds after creation.
2. **Systemic Risk Mitigation:** Automatic contract scoring to detect *honeypots* and malicious *minting* functions through static and dynamic analysis.
3. **Multi-Asset Scalability:** A single environment to monitor trends across multiple networks without fragmenting researcher attention.

5 SYSTEM ARCHITECTURE: THE NEURAL STACK

Our architecture is divided into four critical layers designed for resilience and speed:

5.1 5.1 Data Layer

We utilize a distributed network of RPC nodes and WebSockets for continuous event listening. The system processes over 500,000 daily transactions, storing them in a vector database optimized for high-speed searches.

5.2 5.2 Processing Layer

Raw data is normalized here. We apply *Feature Engineering* to extract variables such as:

- Volume/Liquidity Ratio.
- Holder Retention Index (Sticky Capital).
- Correlation with CEX-to-wallet inflow.

5.3 5.3 AI Layer

The core of Valerian. We implement *Ensemble Learning* models that combine classification algorithms (for risk) and regression (for range projection). We use *Walk-Forward Validation* to ensure models adapt to changing market conditions without losing generalization capability.

5.4 5.4 Visualization Layer and API

An intuitive dashboard for the end-user and a robust API for funds requiring direct integration of our data into their trading terminals.

6 TOKENOMICS: ECONOMIC DESIGN AND SUSTAINABILITY

The **VALDATA** token is the incentive engine aligning developers, data providers, and end-users.

6.1 9.1 Asset Specifications

Concept	Specification
Project Name	Valerian Data
Symbol	VALDATA
Network	Binance Smart Chain (BSC)
Total Supply	100,000,000,000
Mechanism	Utility / Deflationary via service burns

6.2 9.2 Supply Distribution

- **Public Sale (60%):** Focused on user base decentralization and initial liquidity generation.
- **Ecosystem and Staking (15%):** Reserved for rewarding users who secure the network and hold the token long-term.
- **Marketing and Expansion (10%):** Funds allocated for institutional user acquisition and strategic partnerships.
- **Development and Treasury (10%):** Subject to a 36-month vesting schedule to ensure team continuity.
- **Incentive Airdrop (5%):** For early adopters and the beta community.

6.3 9.3 Practical Utility

Holding VALDATA allows: 1. Unlocking access to "Institutional" grade AI signals. 2. Participation in the governance of future network integrations. 3. Reduction of annual SaaS subscription costs.

7 STRATEGIC ROADMAP (2025 - 2027)

Our roadmap is designed to build on solid foundations, scaling from pure infrastructure to global predictive intelligence.

7.1 PHASE 1 — FOUNDATION (Q2 2025 - Q4 2025)

- **Q2-25:** Implementation of the incremental detection pipeline on BSC. Deployment of proprietary nodes.
- **Q3-25:** Construction of the historical *Feature Store* (5 years of data). Implementation of automatic risk labeling.
- **Q4-25:** Third-party data quality audit and ingestion engine versioning.

7.2 PHASE 2 — ALPHA MODELS (Q4 2025 - Q1 2026)

- **Q4-25:** Development of the ML analytics alpha model focused on outlier detection.
- **Q1-26:** Launch of the portfolio simulator for 6 primary assets. Publication of technical algorithm whitepapers.

7.3 PHASE 3 — MVP & LAUNCH (Q2 2026)

- Official launch of the Valerian platform.
- Implementation of the Executive Dashboard and Premium access system.
- Full integration of legal frameworks and disclaimers in the interface.

7.4 PHASE 4 — MONETIZATION (Q2 2026 - Q3 2026)

- **Q2-26:** Activation of the institutional SaaS model.
- **Q3-26:** Integration of Web3 Payments and VALDATA Token Strategic Presale.

7.5 PHASE 5 — MULTI-CHAIN EXPANSION (Q4 2026)

- Native integration of Ethereum and Polygon.
- Cross-chain data consolidation for capital flow analysis.

7.6 PHASE 6 — ADVANCED MODELS (Q1 2027 - Q2 2027)

- **Q1-27:** AI optimized for simultaneous monitoring of 26 strategic assets.
- **Q2-27:** Implementation of *Meta-labeling* and dynamic volatility models.

7.7 PHASE 7 — GLOBAL LEADERSHIP (Q3 2027 - Q4 2027)

- **Q3-27:** Global monitoring engine covering 90% of EVM-compatible networks.
- **Q4-27:** Commercial API launch for funds and deployment of *White-Label* solutions.

8 POSITIONING AND COMPETITION

Valerian Data does not compete with visualization tools like Dune or Arkham; Valerian competes at the **decision** layer. While others report the past, we model the probable future. Our differentiation lies in *Signal Scoring* and the elimination of human bias in asset discovery.

9 SECURITY AND SCALABILITY

The platform operates under banking standards:

- Geographically distributed node redundancy.
- AES-256 encryption for all user data and APIs.
- MLOps model monitoring to detect precision degradation.

10 STRATEGIC CONCLUSION

Valerian Data is the technological response to a crypto market that becomes more sophisticated and institutional every day. By merging blockchain transparency with neural artificial intelligence, we have created a sustainable competitive advantage.

VALERIAN DATA — DECIPHERING THE CHAIN. ANTICIPATING THE MARKET.

For more information, please contact our institutional relations team.

11 FINAL STATEMENT OF RESPONSIBILITY

Use of Valerian Data implies unconditional acceptance of the described risks. Data presented is for research purposes only. Total loss of capital is a real risk in financial markets. Valerian Data is not responsible for operational decisions made by users. By continuing to use our services, you confirm that you have the technical and financial knowledge to understand the nature of this data.