

PRESS RELEASE — FOR IMMEDIATE RELEASE

Tokyo, Japan — December 15, 2025

****VeritasChain Unveils VCP v1.0:**

The world's first open cryptographic audit standard for AI-driven and algorithmic trading**

The VeritasChain Standards Organization (VSO) today announced the global release of **VeritasChain Protocol (VCP) v1.0**, the world's first open cryptographic audit standard for AI-driven and algorithmic trading.

VCP provides a **tamper-evident, end-to-end verifiable audit trail** designed to replace trust-based oversight with mathematically provable transparency.

As regulators intensify scrutiny and trust collapses across retail brokers, exchanges, and prop trading firms, VCP delivers a unified framework that records the full lifecycle of algorithmic activity — from signal generation to execution — using modern cryptography and structured governance metadata.

Why This Matters Now

The timing of this release coincides with unprecedented global disruption:

- **Throughout 2024 and 2025, more than 80 prop firms collapsed**, amid instability, opaque execution models, and frozen payout disputes.
- **Regulators worldwide are shifting toward algorithmic accountability** — from U.S. enforcement actions against fraudulent prop firms to the **EU AI Act (high-risk AI, effective 2026)** and **MiFID II RTS 25/27/28** requirements for timestamp integrity and best execution.
- **The algorithmic trading market now exceeds USD 20 trillion** in annual volume, yet remains largely opaque and unverifiable.

VCP offers the first cryptographically verifiable alternative to trust-based auditing.

A Shift in Market Architecture

Tokachi Kamimura, Founder of VSO, emphasized the structural turning point:

"The era of 'Trust Me' is over. The era of 'Verify Me' has begun."

Dr. A. Sato, Lead Architect of the VCP Technical Committee, added:

**"For the first time, regulators and market participants can inspect not only trade outcomes,
but the cryptographic proof of each decision, model, and risk parameter."**

About the VeritasChain Protocol (VCP)

VCP v1.0 introduces a regulation-aligned audit structure built on four foundational pillars:

1. Cryptographic Chain of Evidence

VCP creates an append-only audit trail where any insertion, deletion, or modification becomes **cryptographically detectable**.

Using time-ordered IDs and modern cryptography (UUIDv7, RFC 8785 canonical JSON, hash chains, RFC 6962 Merkle trees, Ed25519 signatures), tampering cannot occur without immediate detection.

2. Full Lifecycle Logging

Standardized event types — SIG, ORD, ACK, EXE, REJ, CXL — capture signals, risk checks, orders, and executions in a unified model.

3. Precision-Safe Data

All monetary values are encoded as strings (not floating-point), eliminating IEEE-754 rounding errors and ensuring audit-grade numerical accuracy.

4. Tiered Compliance Framework

- **Platinum:** PTP (PTPv2), nanosecond timestamps, SBE (HFT/exchanges)
 - **Gold:** NTP, microseconds, JSON (institutional brokers)
 - **Silver:** Best-effort sync + sidecar logging for MT4/MT5 and white-label prop environments
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Aligned With Global Regulations

EU AI Act (High-Risk AI)

The VCP-GOV module records model hashes, decision factors, confidence scores, and human-approval metadata — supporting Articles 12 (record-keeping) and 13 (transparency).

MiFID II (RTS 25 / 27 / 28)

ClockSyncStatus and immutable execution/slippage records provide cryptographic evidence for timing, synchronization, and best-execution requirements.

GDPR — Right to Erasure

VCP-PRIVACY uses **crypto-shredding**, making encrypted personal data **irretrievable** upon deletion requests while preserving audit-chain integrity.

Who VCP Serves (Pain → Solution)

Exchanges & Dark Pools

Pain: Front-running suspicion, opaque matching

Solution: Cryptographic proof of price-time priority without revealing order-book details

FX/CFD Brokers

Pain: Slippage disputes, best-execution scrutiny

Solution: Immutable execution evidence, latency logs, regulatory-grade reports

Prop Trading Firms

Pain: Payout controversies, industry-wide trust collapse

Solution: Verification dashboards and VCP-authenticated audit trails

Regulators & Supervisors

Pain: Incomplete or tamperable logs

Solution: Real-time, machine-readable, cryptographically anchored audit streams

Milestones Announced Today

- **VCP v1.0 Specification released** (English/Japanese/Chinese)
- **VCP Explorer API v1.1** with Merkle proof verification and digital certificates
- **VC-Certified Program opens registration**
- **Three pilot partners** (including a brokerage and prop firm, under NDA) integrating Silver Tier
- **Open-source SDKs** published on GitHub

※ Certification Scope Clarification

VC-Certified validates technical compliance with VCP only.
It does not assess financial solvency, investment merit, or regulatory licensing status.
(Non-endorsement aligned with VSO policy.)

Call to Action

For Exchanges, Brokers & Prop Firms

The recommended starting point is implementing **Silver or Gold Tier sidecar logging** alongside existing systems, followed by VC-Certified compliance testing.

- Apply for VC-Certified: <https://veritaschain.org/certified>
- Technical Specification: <https://github.com/veritaschain/vcp-spec>
- Integration Consultation: info@veritaschain.org

For Media & Analysts

- Press Kit: <https://veritaschain.org/press>
- Interviews & Inquiries: media@veritaschain.org

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About VSO

VeritasChain Standards Organization (VSO) is an independent, non-profit standards body dedicated to Encoding Trust in the Algorithmic Age.

VSO develops and maintains the VeritasChain Protocol (VCP), aligns its work with ISO/TC 68 financial-services standards, and is preparing VCP for formal submission to international

standardization processes.

Headquartered in Tokyo, VSO brings Japan's regulatory discipline to global market infrastructure.

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Boilerplate

VeritasChain Standards Organization develops open cryptographic standards for algorithmic and AI-driven trading. Its flagship protocol, VCP, provides tamper-evident, lifecycle-complete auditability for market infrastructures worldwide.