



VERIDOM ACE

AGENTIC AI CONTROL ENVIRONMENT

Control and proof for agentic AI in regulated financial workflows

A runtime control and evidence layer: define autonomy boundaries, enforce them before execution, and produce verifiable per-decision control records.

BUILT ON OMP™ – THE OPERATING MODEL PROTOCOL

VERIDOM LTD · UNITED KINGDOM · NVIDIA INCEPTION MEMBER

THE PROBLEM

Agentic AI creates runtime autonomy risk

As financial institutions move from AI pilots to agentic operating models, they must prove not just that an AI worked, but *whether each proposed action stayed inside approved autonomy boundaries at the moment it happened.*

BOUNDARY DESIGN WITHOUT BOUNDARY PROOF

A firm can define what an agent is permitted to do before deployment. But when one decision is challenged, it cannot prove the boundary actually held at runtime — the control environment falls back on reconstruction.

THE EXPOSURE

That gap between boundary design and boundary proof is where the audit, model-risk, and liability exposure sits — and it widens as agents act faster and more autonomously.

ACE controls the action, and proves the boundary

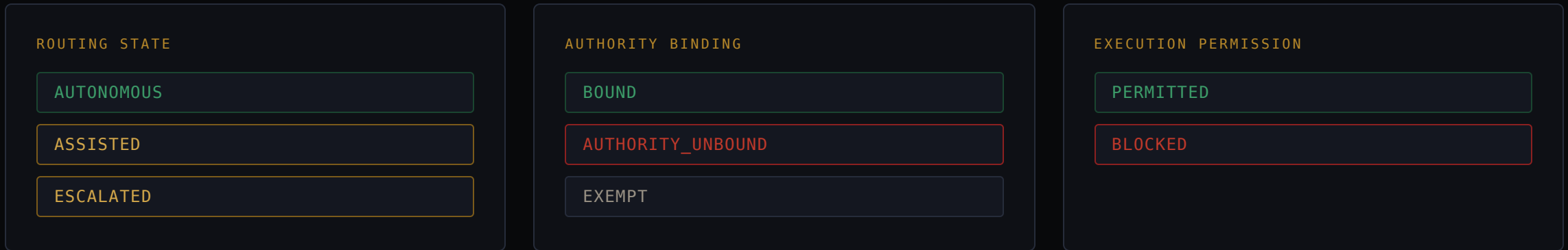
ACE sits between a financial institution's AI agents and the actions they can take. Before a consequential action executes, ACE intercepts it, evaluates it against configured autonomy boundaries, and seals an evidence record.

<p>DEFINE</p> <h3>Boundary Studio</h3> <p>Model risk and compliance define autonomy limits, Watchtower rules, and authority roles — no code — and export a machine-readable policy.</p>	<p>ENFORCE</p> <h3>ACE Gateway</h3> <p>At runtime, intercepts each proposed agent action, evaluates the boundary, and blocks execution where authority is unbound or limits are exceeded.</p>	<p>PROVE</p> <h3>Evidence Console</h3> <p>Retrieves and verifies the sealed, tamper-evident record of every decision — produced at the moment of action, not reconstructed after.</p>
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ACE is built on OMP™, Veridom's open decision-time evidence protocol — a live IETF draft family with an open-source reference implementation.

Three separable axes — the basis of the proof

OMP separates three things most systems collapse into one. Keeping them distinct is what lets an institution evidence exactly what happened, and why an action was permitted or blocked.



Example: an agent proposes a £650,000 credit action with no named accountable officer. ACE returns **ASSISTED** · **AUTHORITY_UNBOUND** · **BLOCKED** — the action does not execute, and the absence of authority is itself sealed as evidence.

A working MVP and the right early signal

End-to-end MVP

Boundary Studio, ACE Gateway, and Evidence Console demonstrate the full control loop — configure, enforce, and verify a sealed per-decision record.

Open protocol

Built on OMP™ — a live IETF Internet-Draft family across regulated domains, with an Apache-2.0 reference implementation.

NVIDIA Inception

Accepted member; profile listed in the ecosystem for AI-infrastructure investors and go-to-market partners.

The product direction is validated by senior practitioners in banking and insurance — including the Head of Insure AI at Munich Re — who independently identified per-decision boundary proof as the unsolved control problem for agentic AI.

The control layer for agentic AI in finance

Every regulated institution adopting agentic AI faces the same exposure: actions taken faster than their controls can prove. ACE is the runtime layer that closes it — defining boundaries, enforcing them before execution, and producing the verifiable evidence audit, model risk, compliance, and insurers require. Built on an open protocol, so the institution never depends on a single vendor's records.

FOR NVIDIA VC ALLIANCE INVESTORS

Veridom is building the control and evidence layer for agentic AI in regulated finance — a working MVP, an open protocol, and validated market pull. We welcome introductions to investors active in **AI infrastructure, regtech, and financial-services AI.**

Agentic AI creates runtime risk. ACE controls and proves the boundary.