

INTERNAL MEMO: DETERMINISTIC SAFETY FOR AGENTIC SYSTEMS

TO: Enterprise Partners / Qualified Investors

FROM: Kenneth W. Douglas, MD (Founder & CEO)

SUBJECT: Resolving the Probabilistic Liability Gap

1. The Problem: The Hallucination Tax Current Agentic AI is built on probabilistic engines. In high-stakes environments—Industrial Safety, Medical Logistics, Financial Infrastructure—a 95% success rate is a 5% catastrophic failure. Enterprise deployment is currently stalled by this "Liability Gap."

2. The Solution: Operational Sobriety Sober Agentic Infrastructure provides a sub-50ms deterministic circuit-breaker. We do not "prompt-engineer" safety; we enforce it through a hard-coded logic layer that verifies system-state outcomes before execution.

3. The Proprietary Edge

- **US Provisional Patent Application No. 64/006,104: Our unique methodology for outcome verification."**
 - **MD-Led Engineering: Applying clinical diagnostic rigor to software infrastructure.**
 - **Zero-Trust Guardrails: We treat "Agentic Drift" as a systemic pathology to be neutralized at the API level.**
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4. The Roadmap We are currently initiating pilot deployments for "Sober-Containers"— portable, secure environments for autonomous agent deployment in restricted VPCs.

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PATENT PENDING: The systems, logic flows, and "Sober-Container" methodologies described herein are protected by a **United States Utility Patent Application** currently on file with the USPTO.

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