

Hackett Meta OS

Constitutional enforcement and decision evidence infrastructure for consequential systems

VERSION 2.0 · AUGUST 2026 · PUBLIC

CORE PROPOSITION

Consequential systems should not be trusted because they are intelligent. They should be governable because their authority is bounded and their consequential actions leave evidence that can survive independent challenge.

HACKETT META OS LLC

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THE PRODUCT IN ONE PAGE

Hackett Meta OS is infrastructure, not an application or SaaS wrapper. At its center is a **constitutional enforcement kernel**: a small, independently testable control layer that applies non-bypassable rules before a consequential action executes. The PACP API and Assurance Gateway expose that kernel; they are not the core differentiation.

What PACP means

PACP is the **Phase-Anchored Consensus Protocol**. It is the portable evidence grammar used to preserve authority, effects, observations, expectations, omissions, lineage, amendments, verification results, and uncertainty — without converting any one artifact into universal truth.

What exists today

- Working local PACP API and Assurance Gateway deployment.
- Five fail-closed gates on the bounded Objective 1 public-write path: storage integrity, anchor match, witness, authority binding, and declared information-flow policy.
- Portable proof bundles, typed receipts, omission evidence, deterministic canonicalization, signatures, and hash-linked lineage.
- Public browser-based Decision Evidence Lab and bounded proof-bundle verifier.

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- Adversarial tests, governance records, implementation evidence, and a repeatable flagship AI-change case.

DECLARED MATURITY BOUNDARY

Working local reference implementation. Not independently audited, certified, accredited, highly available, cloud-operated, fielded, or production-authorized. Domain integration and operational use require separate evaluation against the actual mission, safety, security, and regulatory boundary.

WHY THE LAYER IS NEEDED

Ordinary system record	HMOS constitutional record
Action log	Action plus contemporaneous authority and policy basis
Available telemetry	Observed, expected, and explicitly missing evidence
Current state	Append-only origin, amendments, and repair lineage
Valid signature	Separate integrity, standing, trust, and operational acceptance claims
Vendor-specific history	Portable evidence capable of bounded independent replay

How it operates

1. Capture the consequential request, context, authority, expectations, and declared constraints.
2. Evaluate the request against the configured constitutional boundary.
3. Refuse execution when a required gate fails; otherwise allow only the bounded callback.
4. Seal the resulting evidence and preserve lineage without rewriting history.
5. Replay and challenge the bundle in a separate environment that inherits no operational authority.

COMPANY AND EXECUTION

Hackett Meta OS LLC was founded in **January 2026**. Andrew Hackett is the sole founder and developer and has bootstrapped the project with personal resources. In approximately seven months, the company advanced the kernel to a working local deployment, established its federal-contractor foundation, filed a provisional-patent portfolio, and formally submitted seven Phase I proposals.

NASA was not selected. Decisions on the remaining six submissions are pending as of August 2026. **Submission demonstrates execution and market discovery; it does not establish an award, agency endorsement, operational validation, or fielded deployment.**

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Current engagement

- APEX Accelerator engagement for federal-contracting readiness.
- DARPA technical outreach and program-staff review.
- Tampa Bay Wave engagement and intake.
- USSOCOM/SOFWERX UxSAI registration, requirements analysis, corpus capture, and solution preparation.
- SCORE mentorship from Dr. Walter McCracken, drawing on advanced-program, capture, commercialization, and defense-industry experience.

EVALUATION PATH

The immediate objective is **independent technical scrutiny**: security and technical-assurance assessment of the kernel, faculty evaluation of bounded claims, adversarial testing, sponsored research, and mission-specific integration studies with explicit success and refusal criteria.

Independent technical review

Security, cryptographic, and assurance evaluation of the kernel and gates.

Bounded integration studies

Mission-specific scoping with explicit success, refusal, and safety criteria.

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*When systems shape reality,
the record must survive the systems.*

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