



Baumgartner Digital Infrastructure



**DIGIEMU
CORE**

Deterministic AI Governance • Verifiable Decision-State Reconstruction • Enterprise Trust Infrastructure

PITCH OVERVIEW



DigiEmu Pitch Overview

DETERMINISTIC AI GOVERNANCE AND VERIFIABLE DECISION-STATE RECONSTRUCTION

Executive Summary

- Baumgartner Digital Infrastructure develops DigiEmu as an evidence layer for AI systems: decisions should not only be produced, but later reconstructed, verified, and audited.
- DigiEmu Core focuses on deterministic decision-state reconstruction: input context, policy/model state, snapshots, canonicalization, hash checks, replay, and verification results.
- The current pitch connects the technical core with an interactive museum showcase, making complex governance infrastructure easier to explain to partners, researchers, and investors.

Positioning

- DigiEmu is not a replacement for model safety, identity systems, or certification authorities. It is a reconstruction and evidence layer that can complement them.
- The core promise: move from opaque AI behavior to verifiable decision-state evidence that can support audits, governance reviews, and cross-system trust workflows.

Why now

- AI agents, automated decisions, and memory systems create a growing need for reliable evidence trails.
- Regulated teams need reproducible verification results, clear boundaries, and infrastructure that can survive technical and legal scrutiny.

Download version for pitch.digiemu.ch



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From Problem to Solution

— Why verifiable AI infrastructure matters —

THE PROBLEM



Opaque AI decisions



Mutable logs and memory



Difficult audits



Cross-system trust gaps



THE DIGIEMU RESPONSE



Deterministic state capture



Canonical evidence bundles



Verifiable reconstruction



Audit-ready verification results



From opaque behavior to verifiable decision-state evidence.



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ECOSYSTEM OVERVIEW



DIGIEMU CORE

Verifiable
decision-state
reconstruction



DIGIEMU SECURE

Verification and
enterprise trust
controls



VIRTUAL MUSEUM SHOWCASE

Interactive
storytelling and
pitch experience



FUTURE GOVERNANCE APPLICATIONS

Audit, compliance,
and AI governance
tools



DETERMINISTIC AI GOVERNANCE



VERIFIABLE EVIDENCE



ENTERPRISE-READY INFRASTRUCTURE

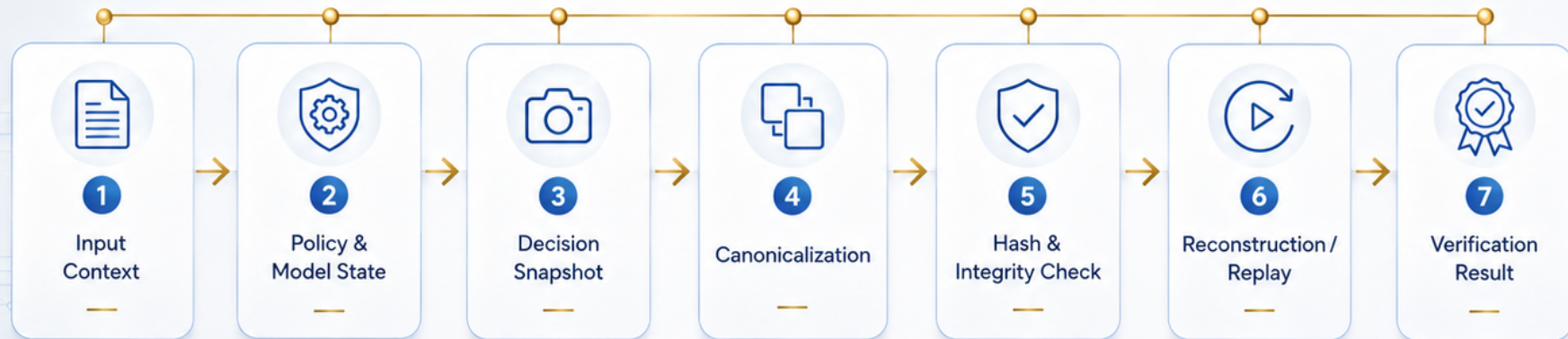


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DigiEmu Core

VERIFICATION PIPELINE



POSSIBLE OUTCOMES



Deterministic evidence for auditable AI decisions.



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THREE-LAYER TRUST ARCHITECTURE

A MODULAR MODEL FOR VERIFIABLE AI GOVERNANCE



LAYER
1

TRUST VERIFICATION

Establishes upstream identity, status, and signed trust inputs



LAYER
2

DECISION-STATE RECONSTRUCTION

Rebuilds and verifies the exact decision state with deterministic evidence



LAYER
3

RESPONSIBILITY & AUDIT

Supports attribution, review, governance, and accountability



EXAMPLE ECOSYSTEM MAPPING:

TRUST



DIGIEMU



AUDIT





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DIGITAL INFRASTRUCTURE

Interactive Museum Showcase

An experiential format for explaining complex AI governance concepts



Guided Storytelling

Complex technical ideas
become understandable



Visual Rooms & Slides

Architecture, use cases, and
trust concepts made tangible



Partner Communication

A memorable format for
demos, pitches, and collaboration



SHOWCASE



EDUCATION



INVESTOR COMMUNICATION

Interactive museum showcase: a memorable format for explaining complex AI governance concepts.



Use Cases & Audiences

WHERE DIGIEMU CAN CREATE VALUE

Primary use cases

- AI governance reviews: reconstruct and verify what an AI system saw, selected, and produced at a specific decision point.
- Enterprise audit support: provide structured evidence bundles and verification results for internal or external review.
- Agent memory and trust workflows: help detect mismatches, tampering, or missing state in systems that depend on persistent memory.
- Partner integrations: provide a decision-state layer that can complement identity, trust, compliance, and responsibility-attribution systems.

Target conversations

- Research partners who can evaluate the formal boundary and reproducibility of the approach.
- Early enterprise pilots that need auditability and governance evidence around AI-assisted decisions.
- Accelerators, investors, and ecosystem partners who want a clear infrastructure thesis rather than a single demo feature.

Prototype assets

- DigiEmu Core and supporting documentation as the technical foundation.
- Virtual Museum Showcase as the communication and pitch layer.
- Public website and downloadable pitch materials to support partner follow-up.



Roadmap

FROM PROTOTYPE EVIDENCE LAYER TO ENTERPRISE PILOT READINESS

Near term

- Use the museum pitch to explain the infrastructure vision to BFH, research partners, and selected ecosystem contacts.
- Continue hardening DigiEmu Core documentation, boundary wording, conformance examples, and verification result semantics.
- Prepare review-ready material that clearly separates implemented capabilities from research direction and partner assumptions.

Pilot direction

- Identify a narrow enterprise or research workflow where decision-state reconstruction can be tested end-to-end.
- Define success criteria: reproducible verification results, clear PASS/FAIL/ERROR semantics, and auditable evidence bundle structure.
- Package DigiEmu as a calm, verifiable infrastructure component rather than a broad AI product claim.

Strategic goal

- Establish Baumgartner Digital Infrastructure as the builder of a verifiable AI governance layer.
- Use DigiEmu Core as the technical anchor and the museum as the communication bridge for partners and investors.

Roadmap wording is intentionally conservative: review-ready, not certified.



Baumgartner Digital Infrastructure

DigiEmu | Verifiable AI Governance Infrastructure

Explore the interactive pitch

pitch.digiemu.ch

Contact: contact@digiemu.ch

This document is a pitch overview. Technical claims should be interpreted within the stated DigiEmu Core boundary model.