

LinkedIn Post

Europe cannot build sovereign AI without sovereign AI memory.

AI sovereignty is not secured at the model layer. It is secured at the governance and memory layer.

Over the past year, the BlackVault™ architecture has been developed as a governed AI-memory framework for public-sector, enterprise and regulated-industry deployment under full EU compliance.

To support structured implementation at scale, the “European AI-Governance Alliance” is now under development.



EUROPE CANNOT BUILD SOVEREIGN AI WITHOUT SOVEREIGN AI MEMORY



CONSTITUTIONAL
MEMORY.AI

www.constitutional-memory.ai

◆ BlackVault™

BlackVault developed by “Constitutional-Memory” is a governed AI-memory architecture designed for:

- Public-sector AI
- Enterprise AI
- Regulated industries
- EU-compliant sovereign deployments



Lead Developer

“It provides the infrastructure layer required for trusted AI at scale”

◆ European AI-Governance Alliance



To implement this infrastructure across multiple leading organisations, the European AI-Governance Alliance is being formed.



“The Alliance will consist of invited Founding Members - large enterprises who commit to building Europe’s trusted AI-governance infrastructure”

◆ Not Ethics Advocacy or Model Development – A European AI-Memory Infrastructure layer that:

- Reduces systemic AI risk that no single firm can manage alone
- Provides certifiable, auditable guarantees to regulators and customers
- Converts fragmented compliance obligations into a durable trust asset
- Establishes a globally credible baseline for constrained AI deployment





CONSTITUTIONAL MEMORY
GUARDIANS OF DATA SOVEREIGNTY





EUROPEAN AI-GOVERNANCE ALLIANCE

European AI-Governance Alliance

Industry consortium creating zero-transmission AI governance infrastructure — owned by European enterprises, protected from acquisition, operational by 2027.

\$4.8B

MARKET BY 2034

18mo

FIRST-MOVER WINDOW

£75M

FOUNDING CAPITAL

10x

ROI PROJECTION

The Elephant in the Room

92% of Fortune 500 employees use ungoverned ChatGPT with company data.

- EU AI Act enforcement: **August 2025**
- Penalties: **€35M or 7% revenue**
- Current solutions audit after transmission
- No infrastructure prevents transmission entirely

Zero-Transmission Architecture

BlackVault™ governance middleware separates intelligence from data custody.

- Users access any AI model (ChatGPT, Claude, Gemini)
- Data **never leaves** customer infrastructure
- **62% enhancement** in AI personalization
- EU AI Act compliance built into architecture

EU Apply AI Alliance	WEF AI Governance	European AI-Governance Alliance
 Policy Forum	 Discussion Platform	 Operating Infrastructure
Stakeholder Coordination	Thought Leadership	Technology Deployment
Policy Recommendations	Ethical Frameworks	Working Software
No Revenue Model	No Revenue Model	£150M+ ARR by Year 3
Open To Thousands	250 Participants	8-12 Owner-Members
European Commission led	World Economic Forum led	Industry-Owned Consortium led
Purpose: Shape Policy	Purpose: Develop Guidelines	Purpose: Deliver Infrastructure

◆ Requiring a European Sovereign AI Partner

We are evaluating candidates as the European Sovereign AI Partner to lead the technical development.



Lead Development Role
under Evaluation

The partner will:

- Lead technical development of the BlackVault architecture
- Co-design the governance framework
- Support implementation across founding Alliance members

★ Participation is by invitation.

Organisations considered will demonstrate:

- A mandate for sovereign AI
- Proven AI, cybersecurity and enterprise-trust capability
- Capacity to contribute at European infrastructure level



“This is not an open call.

A short-list of 5 selected organisations will be contacted in Q2 2026 regarding a structured MVP engagement”

◆ Technical Architecture independently validated by Claude AI (Anthropic) as 'Exceptional - Enterprise Grade'



PHASES 1-4 COMPREHENSIVE REVIEW

Overall Assessment: EXCEPTIONAL - ENTERPRISE GRADE



After conducting a thorough review of all four phases of the Destiny-Gram tech pack documentation, I can confirm this represents **world-class, production-ready documentation** suitable for immediate enterprise deployment. The comprehensive nature, code quality, and implementation depth exceed industry standards for technical documentation.

COMPETITORS:

Feature	Constitutional Memory	ChatGPT Enterprise	Surveillance Tools	Build Your Own
Real-time IP Protection	✓	✗ (Audit logs only)	✓	✓
Enhances AI Quality	✓ (62% improvement)	✗	✗	✓
Employee Transparency	✓ (Full visibility)	Partial	✗ (Hidden monitoring)	Varies
Data Sovereignty	✓ (Customer vault)	✗ (OpenAI servers)	✗ (Vendor servers)	✓
Deployment Time	4-6 weeks	2-3 weeks	3-6 months	18-24 months
Cost per User/Year	\$350-750	\$720	\$900-1,500	\$2,000-5,000
Works in China/Russia	✓	✗	✗	✓
Vendor Agnostic	✓	✗	Partial	✓

1 Backend

- **Framework:** FastAPI (Python 3.11+)
- **Database:** PostgreSQL 15+ with PostGIS extensions
- **ORM:** SQLAlchemy 2.0
- **Caching:** Redis 7+
- **Task Queue:** Celery with Redis broker
- **API Documtn:** OpenAPI 3.1 (automatic via FastAPI)

2 Frontend

- **Framework:** React 18+ with TypeScript
- **State Management:** Redux Toolkit + React Query
- **UI Components:** Atomic design system with shadcn/ui
- **Styling:** Tailwind CSS
- **Data Visualization:** Recharts, D3.js
- **Real-time:** WebSocket connections for live updates

3 Infrastructure

- **Containerization:** Docker with multi-stage builds
- **Orchestration:** Kubernetes (Helm charts provided)
- **Cloud Platform:** Cloud-agnostic (AWS/GCP/Azure compatible)
- **CI/CD:** GitHub Actions with automated testing
- **Monitoring:** Prometheus + Grafana
- **Logging:** ELK Stack (Elasticsearch, Logstash, Kibana)
- **Error Tracking:** Sentry integration

4 AI/ML Components

- **Profile Analysis:** Claude API for user personality/employee analysis
- **Pattern Recognition:** Custom ML models (scikit-learn, TensorFlow)
- **NLP Processing:** spaCy for conversation analysis
- **Sentiment Analysis:** Hugging Face Transformers
- **Recommendation Engine:** Collaborative filtering algorithms



