

# TraceOS

The First Computational Psyche for Creative AI

Local-First • Multi-Agent • Azure Powered

Jessie Hampton | [github.com/jesforart/traceos](https://github.com/jesforart/traceos)

TRACEOS

# The AI Homogenization Crisis

## 1. Loss of Sovereignty

Professional studios cannot use cloud-based AI due to severe IP leakage risks. They need secure, sovereign infrastructure.

## 2. Aesthetic Regression

Foundation models average out human creativity, failing to capture the unique "hand" of a specific artist.

"We need AI that amplifies our signature, not one that erases it."

# Sovereign Creative Intelligence

**TraceOS** learns an artist's motor control, not just their pixels.

## Stylometric DNA

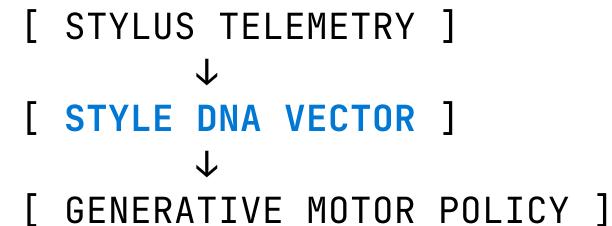
Encodes velocity, pressure, and tilt into a 128d vector signature.

## Sovereign Lock

AI only activates when the verified artist is present.

## Hybrid Architecture

Local inference + Cloud training (Azure ML).



# The Iron Monolith Architecture

A unified, multi-agent inference engine designed for hybrid deployment.

We orchestrate specialized **Sovereign Small Models (SSMs)** concurrently to replicate the human creative psyche.

Protocol Kernel (FastAPI)

EYES (ViT)

HANDS (Policy)

BRAIN (Azure OpenAI / GPT-4o)

# The Infrastructure Challenge

Scaling the "Art Genome" requires robust cloud architecture.

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## Graph

Cosmos DB

Storing provenance trees for enterprise IP tracking.

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## LLM

Azure OpenAI

Reasoning engine for the "Brain" Spark.

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## ML

Azure ML

Training kinematic motor policies at scale.

# Market Opportunity

## Target Audience

Professional Concept Artists, Illustrators, and Game Studios who are currently underserved by "ethical" AI tools.

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**225k**

US Professionals

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**\$2.8B**

TAM

APPLICATION ASK

# Let's Spark the Symbiosis

We are requesting admission to Microsoft for Startups  
Founders Hub to access Azure OpenAI and Cloud  
Infrastructure.

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