

# Enterprise generative ai solutions

The Infrastructure for Infinite Scalability



## 01 Executive summary

Utopai Studios is an AI-native technology hub redefining the production pipeline. We do not output prototypes; we build scalable intellectual property infrastructures. By bridging cinematic storytelling with generative technology, we deliver a deterministic, production-ready agentic workflow that resolves the industry's critical bottlenecks: consistency and physics.

The current generation of AI video tools has reached a structural ceiling for cinematic production: iteration breaks consistency, and consistency breaks iteration.

Utopai exists because long-form storytelling cannot scale on probabilistic generation alone.

## 02 Core technology: Deterministic control

### Narrative-Aware Consistency

#### AGENTIC STORY-TO-MOVIE PIPELINE

The system analyzes narrative intent to enforce asset consistency across shots, scenes, and episodes.

#### PHYSICS-GROUNDED WORLD MODEL

Beyond surface-level pixels, the system simulates underlying physical properties, e.g. gravity, lighting, and spatial depth, ensuring that every generated asset adheres to strict, immutable laws of physics rather than hallucinating spatial relationships.

2.1  
Smart Editing: Utopai One redefines the creative workflow with a suite of capabilities designed for precision and flexibility.

#### NATURAL LANGUAGE CONTROL

Execute free-form edits at any production stage, ranging from refining story beats to adjusting keyframes. The system translates semantic descriptions into precise asset adjustments.

#### PRECISION WYSIWYG INTERFACE

A seamless "What You See Is What You Get" editor featuring intuitive tools for shot trimming, cropping, and mask-guided editing to ensure pixel-perfect control.

2.2  
Advanced V2V Pipeline: Face & Background Precision Our proprietary Video-to-Video technology enforces broadcast-standard fidelity.

#### HIGH-FIDELITY FACIAL RECONSTRUCTION

Specialized models preserve actor identity, micro-expressions, and lip-sync accuracy across style transfers, effectively eliminating the "uncanny valley."

#### IDENTITY & PERFORMANCE TRANSFER

We go beyond simple reconstruction. Our engine maps source performances onto entirely new identities (digital or synthetic) with zero latency in emotional translation, allowing for seamless facial replacement while retaining the actor's original intent.

2.3  
Cortés

CROWD & ENVIRONMENT SIMULATION

CASE A

#### ORTHOGONAL BACKGROUND SYNTHESIS

We decouple subject and environment. The system generates independent backgrounds with consistent depth maps, lighting cohesion, and perspective correctness without disrupting foreground performance.

#### REFERENCE-DRIVEN AESTHETIC

Use visual anchors to dictate style. A single reference frame instantly aligns the lighting, tonal palette, and composition of the generated sequence.

Journey To The West

STYLISTIC RANGE & COMPOSITING

CASE B

#### THE PROJECT

A two-part historical epic set in 1519, co-produced with Ex Machina Studios.

[Open ↗](#)

#### THE VALIDATION

A deployment of our Massive Scale Simulation engine. We overcame "unfilmable" budget constraints by leveraging the pipeline for high-density crowd generation and historical environment synthesis, delivering epic narrative scope without traditional production costs.

TFM

INPUT SENSITIVITY & RESILIENCE

CASE C

#### THE PROJECT

A comparative framework for "Testimony from the Border".

[Open ↗](#)

#### THE VALIDATION

A definitive proof of our Live-Action Capability. Moving beyond stylized animation, this project validated the engine's precision in handling photorealistic human drama, maintaining authentic skin textures, natural lighting, and grounded physics to meet the rigorous standards of live-action production.

### PROVEN SUCCESS

## 03 Flagship productions

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IP REVITALIZATION

Partner with us to revitalize "unfilmable" or budget-prohibitive scripts using our cost-effective, high-scale pipeline.

PRODUCTION INTEGRATION

Directors and Showrunners seeking access to "Visual DNA" and "Performance Lock" tools for upcoming slates.

### PARTNERSHIP OPPORTUNITIES

## 05 Strategic Pilots & Enterprise Access

#### FOUNDERS

Cecilia Shen (CEO)

Jie Yang (CTO)

#### PEDIGREE

Engineering and creative leadership from Google, Meta SuperIntelligence, Amazon, Adobe, and Princeton.

#### MISSION

Empowering creators to execute epic narratives without the constraints of traditional budgets. What we provide is not generative output, but a controllable system of record for cinematic reality.

We are opening our infrastructure to select partners. Unlike generic market tools, our proprietary model offer a deterministic control layer that no other external solution can match.

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