

INFINITYAI

A novel AI model for supporting the future of business innovation and AGI

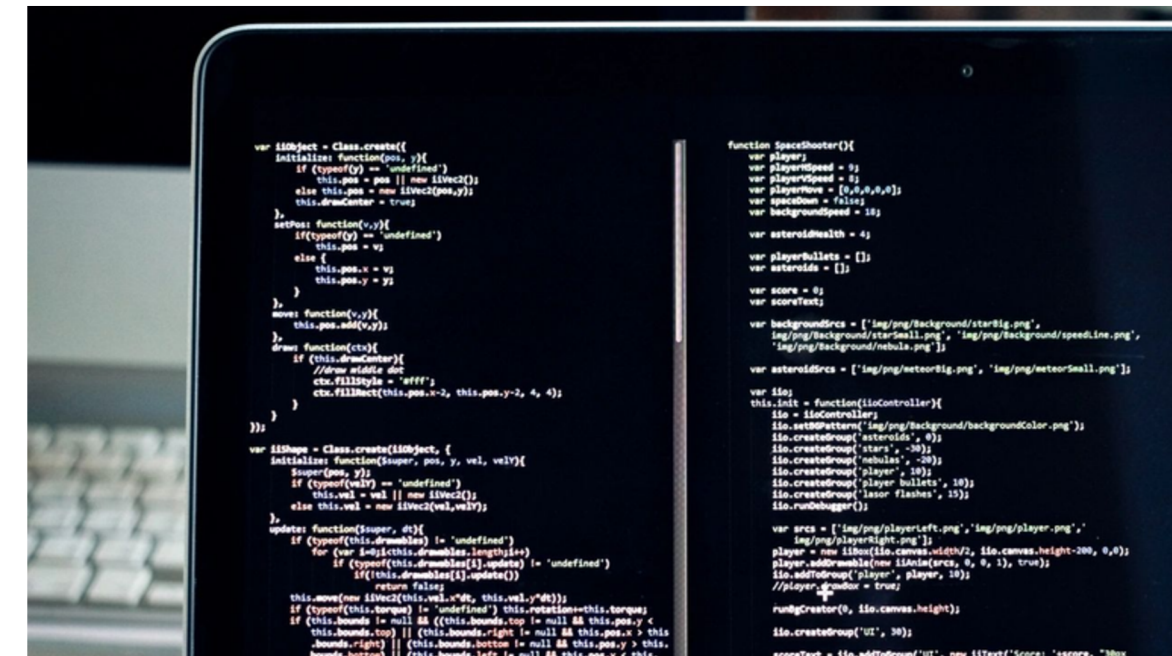


PROBLEM

Current AI Models (LLMs and GAI) lack the ability to generate true innovation.

Though extremely powerful, LLMs like GPT-4 and Claude are built on pre-training of existing ideas, pattern matching, and text prediction, not the generation of entirely new and original ideas.

Yet industries and entire national economies require continuous and disruptive innovation to maintain a competitive edge.



SOLUTION

INFINITY.AI has been designed to more accurately emulate via novel software algorithms the different and complementary networks of the human brain to generate original and innovative ideas.

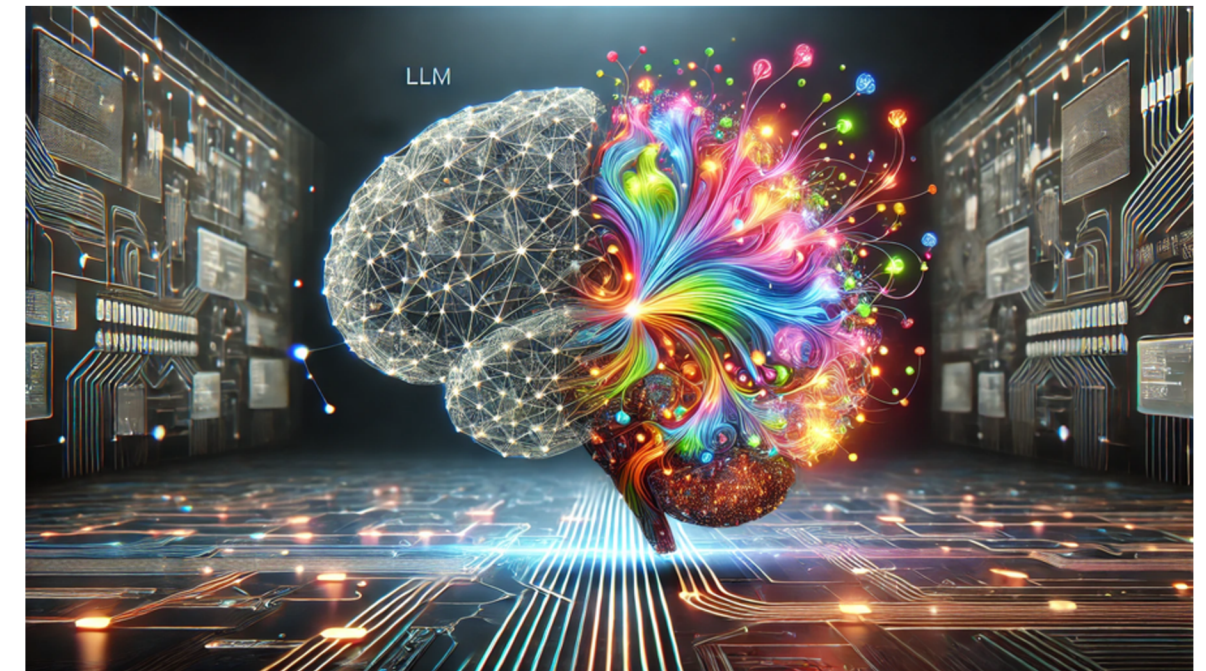


INFINITYAI is not based on mimicking or predicting human language. Rather, it cleverly integrates and then leverages the comparative advantages of LLM and non-LLM models to create new ideas.

UNDERLYING MAGIC

INFINITYAI combines LLM and Non-LLM models in a unique way, mapping them through definable software algorithms to known human innovation models like TRIZ, Creative Problem Solving, and Design Thinking, all defined (and definable) in the INFINITYAI SaaS platform.

By taking advantage of the unique capabilities of different AI engines, and aligning with known human innovation models, INFINITYAI better emulates a human brain consisting of networks that support creativity (Default Mode Network) and executive function (Task Positive Network).



MARKET

Total Addressable Market (TAM) R&D & Innovation Industry: \$2.5T globally
Patent & IP Licensing Market: \$180B annually
Corporate R&D Spend (Fortune 500): \$900B annually

Example Target Verticals:

Pharmaceuticals & Biotech (Drug Discovery)
Aerospace & Defense (Material Science, Design)
Consumer Products (Packaging, Automation)
AI & Robotics (Autonomous AI-enhanced design)
University Research (Automated Tech Transfer)



COMPETITIVE LANDSCAPE

Company/Tech	Creativity Level	Autonomy	Innovation	Scalability
InfinityAI	True Novelty	Fully Autonomous	Yes	High
GPTs/LLMs	Mimics human content	No	No	High
Traditional R&D	Human-dependent	No	Yes	Limited
Research Labs	High	Human-driven	Yes	Low

INFINITYAI will be the first fully autonomous AI platform capable of generating inventions to significantly enhance regional and national innovation capacity.

BUSINESS MODEL

Monetization Strategy

1. Patent Licensing & IP Sales:

- INFINITYAI-generated patents will be sold/licensed to companies across industries.

2. Subscription Model for R&D Labs:

- Companies and universities pay for AI-driven **Innovation-as-a-Service**, IaaS (monthly/yearly access).

3. Joint Venture & Revenue Sharing:

- Partnering with enterprises for co-developed, AI-assisted innovation pipelines.

4. Government & Defense Contracts:

- High-value applications in defense, intelligence, aerospace, and university research.

TRACTION

- **INFINITYAI SaaS platform** has been developed, with integration with leading AI engine APIs from OpenAI and Anthropic.
- **Over 100 innovation models already completed** on INFINITYAI platform, including design thinking, creative problem solving, etc.
- **Now being tested live** as pilot innovation engine for edxprize.com
- **Early discussions with Fortune 500 companies** (Aerospace, Biotech, Energy).
- **Now entering into partnerships with universities** for AI-driven innovation research.

GO TO MARKET

Phase 1 (12-18 months): Establish IP Dominance

- Generate innovations in-house
- License out high-value innovations to industry leaders.

Phase 2 (18-36 months): SaaS for R&D

- Build a cloud-based AI-powered innovation platform for enterprises.
- Direct outreach to Fortune 500 R&D departments and research universities.

Phase 3 (36+ months): AI-Led Autonomous R&D

- Scale INFINITYUS to function as an autonomous innovation lab.
- Expand into self-generating AI-based product development.
- Contribute directly to future of AGI, beyond capacity of current LLMs and GAI models

FINANCIAL PROJECTIONS

Year	Revenue (\$M)	Patent Sales (\$M)	Licensing Fees (\$M)	Operating Costs (\$M)
2026	\$5M	\$3M	\$2M	\$4M
2027	\$20M	\$10M	\$10M	\$8M
2028	\$50M	\$25M	\$25M	\$15M
2029	\$100M+	\$50M	\$50M+	\$25M

Break-even in Year 2 with licensing and patent revenue growth.

TEAM



Founder Dr. Erik Guzik, CEO

<https://www.linkedin.com/in/erik-guzik-phd-184219a/>

- Economics PhD, with focus on innovation
- Published leader in AI Creativity research
- Clinical Professor of Entrepreneurship at University of Montana
- Multiple startup founder and CEO
- Previous startup backed by VC funding
- TEDx speaker: <http://y2u.be/xL6HKfZ0W-M>



Founder Dr. Tom Rau, CSO

<https://www.linkedin.com/in/drtomrau/>

- Neuroscience PhD
- Multiple startup founder and CEO
- Launched 2 different companies that received VC funding
- PI on multiple grants received from NSF and SBIR programs
- Published UM researcher



Founder Phil Bongiorno, COO

<https://www.linkedin.com/in/phil-bongiorno-1b59959/>

- CEO and Executive Director of HCAOA
- Leader in multiple non-profit sectors in Washington D.C.
- Experience in multiple industries with applied AI opportunities
- Strong experience leading growing organizations and complex teams.

ADVISORS



Advisor and Key Partner

Dr. Rex Jung

<https://www.rexjung.com/>

- Leading neuropsychologist focused on creativity and associated brain networks
- Research Professor of Psychology at the University of New Mexico
- Research scientist at the Mind Research
- Past president (2019-2021) of the International Society for Intelligence Research (ISIR).

ASK

Seeking \$3.5M Seed Investment

Funding Allocation:

- 40% AI Product R&D
- 20% Patent Filings & Legal
- 20% Business Development
- 20% Team Growth

CONTACT

Join us in building the future of AI-driven innovation and AGI.

Contact: Dr. Erik Guzik

- Email: erik.guzik@umontana.edu
- Website: infinityai.us
- Phone (call or text is fine): 1-405-574-2933