

Aiming to Create Next-Generation AI that is Smarter, Safer, and more Sustainable.

VERSES is a technology company building a new generation of AI agents that aspires to power software-driven devices, from IoT to autonomous vehicles.

VERSES aims to capitalize on the growing artificial intelligence market, which [McKinsey](#) has estimated could grow to up to **\$25.6 trillion** annually. VERSES plans to take advantage of this market opportunity by creating products that thrive at the intersection of AI, IoT, and the next generation of the web.

THE PROBLEM

Current AI systems raise specific societal concerns:

- Their inability to adapt in real-time renders them unfit for certain practical applications such as autonomous vehicles, robotics, and drones.
- They cannot explain their decision-making processes, making them too risky for use in business and consumer applications where precision and explainability are essential.
- They are prohibitively expensive to train and environmentally costly to operate.

THE SOLUTION

VERSES intends to leverage a neuroscience concept called active inference to build intelligent software agents that can think and learn like humans.

Genius™, VERSES *Intelligence-as-a-service platform*, powers software agents that could be *smarter, safer, and more sustainable* than mainstream AI systems. Agents could soon be interoperable and power any software-driven device.

- **Smarter:** AI based on proven neuroscience could allow software agents to learn and adapt as people do without the exorbitant cost of training and the need for human feedback.
- **Safer:** Agents are expected to be able to explain their reasoning and be governable by design, unlike the “black box” systems of today.
- **Sustainable:** Agents might only require a fraction of the compute and energy and a fraction of the data consumed by mainstream AI models.

VERSES partnered with the IEEE, who standardized Wi-Fi, Bluetooth®, ethernet and electricity codes, to develop open societal and technical standards. These standards ensure that AI agents are explainable and policy-abiding, paving the way for their safe deployment across all sectors.

VERSES

- VERSES is a technology company focused on building a new generation of AI agents with the goal that the AI agents will be able to power any software-driven device, from IoT to autonomous vehicles.
- 120+ team members—from startups to enterprise business, including Accenture, Amazon, Apple, Deloitte, Honeywell, IBM, Intel, Microsoft.
- VERSES Chief Scientist Karl Friston, the most cited neuroscientist in history, leads an award-winning R&D team that has published over 100 peer-reviewed papers.

MOMENTUM

- Established partnerships with the European Commission, Dentons, JPL-NASA, Volvo and Analog (backed by G42).
- Early customers include AstraZeneca, Simwell, SVT Robotics and NRI (an Amazon 3PL).
- Contract with Top Fortune 100 Pharmacy Retailer.
- Smart City Infrastructure partnership in UAE beginning with Smart City Abu Dhabi.
- Technology portfolio protected by trade secrets, provisional patent filings, and global standards.

MARKET OPPORTUNITY

- \$17T-\$25T Market Potential.
- 5.35 billion digitally connected people, 25 billion IoT devices by 2030 that need smarter, safer, more sustainable, AI software agents.
- Smart cities, supply chain, climate, health, education, virtual worlds.

To Learn more about VERSES

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VERSES AI Benchmark

CEO Gabriel René and President & GM James Hendrickson discuss VERSES AI Benchmarks.



The Year in AI Part I

2023 was a banner year for AI advancement but are we on the right path?



Enabling Law as Code

Our software running on open standards enables laws to be codified in machines.



Gabriel René Davos 2024

A conversation with VERSES CEO Gabriel René at AI House Davos 2024.