

MythWorx Unveils NeuroWorx, Revolutionizing AI Reasoning

New AI solution drives high confidence output at 2% of power required by most LLMs

DALLAS – April 23, 2026 – [MythWorx](#), a pioneering AI product lab, today launched NeuroWorxSM, a high-assurance AI reasoning engine designed to eliminate the guesswork produced by conventional large-language models (LLMs). The company also announced an upcoming, invite-only [private preview](#), giving select organizations early access to the platform.

Unlike transformer-based systems that rely on massive parameter counts and probabilistic prediction, NeuroWorxSM is a verifier-first reasoning system. The software tests possibilities, evaluates constraints and eliminates invalid pathways, producing conclusions supported by a traceable chain of logic.

“Enterprises have reached the limits of what purely generative, transformer-based AI models can deliver,” said MythWorx CEO Jason Williamson. “NeuroWorxSM is a high-assurance AI reasoning engine designed for environments where correctness matters more than creativity – and where power, footprint and deployment constraints make traditional models impractical.”

LLMs may excel at language synthesis, but they demand enormous GPU resources, consume significant power and often produce hallucinations that cannot be trusted in financial services, healthcare and other regulated industries.

NeuroWorxSM runs on CPUs, rather than GPUs or dense neural stacks, consuming only about 2% of the power required by most LLMs in the market today. It is also fully capable on small-form compute systems, from microservers and gateways to ruggedized edge units and air-gapped systems, unlocking deployment scenarios at the edge – outside the reach of most transformer models.

“MythWorx is a completely unique breakthrough AI platform,” said Bill Johnson, president and CEO of TDi Technologies. “As an enterprise cybersecurity solution, we require the kind of auditable, accurate results MythWorx delivers fast and efficiently. It’s truly a game-changer.”

The benefits of NeuroWorxSM include:

- Deterministic validated reasoning
- Zero hallucinations
- Audit-ready explanations
- Self-evolving solver generation
- Ability to operate fully on or offline — no cloud required

MythWorx is an AI product lab that is launching second-generation AI products by leveraging decades of neuromorphic development of unique brain-inspired AI. NeuroWorxSM is the first of several commercially available products launching over the next several months.

Private preview program

To support the launch of NeuroWorxSM, MythWorx will open an invite-only preview for organizations.

Participants will be selected through an application process. The program will run for 45 days, starting on April 23. Interested organizations can apply [here](#).

Additional Resources:

- [New Research Validates a Breakthrough in Behavioural AI](#)
- [MythWorx Rockets Ahead: AI/AGI Startup Closes \\$5M Seed Round at \\$100M Valuation](#)
- [MythWorx Outperforms Hundreds of LLMs in MMLU-Pro Benchmarking](#)

About MythWorx

MythWorx is pioneering a new class of brain-inspired AI built on human-like reasoning, real-time learning and ultra-low compute. Its proprietary neuromorphic architecture enables systems that understand, adapt and self-improve without massive data, pretraining or energy-intensive infrastructure. Designed for mission-critical enterprise, government and defense applications, MythWorx delivers high-assurance, edge-ready, auditable intelligence that outperforms traditional AI while dramatically reducing cost, latency, hallucinations and power consumption.

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