# FOR IMMEDIATE RELEASE

**Global Surgical AI Healthcare Announces Development of the GS-AI Core Digital Twin Platform™ and $10 Million Preferred Stock Offering**

**Revolutionary AI-Powered Surgical Intelligence Platform Designed to Transform Cancer, Orthopedic, and Specialty Surgeries Through Real-Time Digital Twin Technology**

**Kirkland, Washington — February 2026** — Global Surgical AI Healthcare today announced the development of its flagship technology, the **GS-AI Core Digital Twin Platform™**, a next-generation surgical intelligence system designed to power real-time cancer detection, surgical planning, immersive visualization, and long-term procedural analytics inside modern operating rooms.

"We own the **core digital-twin engine** that powers multiple regulated verticals: surgical planning, training, AR-guided procedures, and non-medical digital twin use cases."

Investors buy **engines**, not features.

The company is simultaneously launching a **$10 million preferred stock offering at $50 per share** to accelerate commercialization, patent filings, hospital deployment, and specialty module expansion.

**Structure**

- **One parent company**: GS-AI Core Digital Twin

- Multiple **licensed modules** later:

    o Oncology

    o Orthopedics

    o Ophthalmology

    o Training / Simulation

    o Non-medical digital twin

"Early investors own the **platform**, not a single indication. Each new module increases platform value without re-writing the core."

This justifies **higher valuation without revenue**.

**A New Era of Surgical Intelligence**

The GS-AI Core Digital Twin Platform™ is a modular, enterprise-ready system that captures a complete digital twin of each surgical procedure. By integrating CT and MRI imaging, AI-powered segmentation, margin planning, implant alignment, and immersive 3D visualization, the platform allows surgeons to see critical anatomical structures directly in their field of view.

Built with extended reality (XR) as a primary interface, including support for advanced smart glasses platforms, the system enables:

- Real-time 3D anatomical overlays

- Tumor and bone segmentation

- Adjustable margin planning

- Vessel and nerve proximity mapping

- Implant alignment simulation

- Multi-user surgical collaboration

- Recording and replay of procedures

- Immutable audit and compliance logs

Every procedure becomes measurable, trainable, and optimizable — transforming surgery from experience-driven to data-informed practice.

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**Phase One: Oncology and Orthopedic Intelligence Modules™**

The company's initial release will focus on two flagship modules:

**Oncology Intelligence Module™**

- Tumor segmentation

- Resection volume generation

- Adjustable surgical margin computation

- Longitudinal volumetric comparison

**Orthopedic Intelligence Module™**

- Bone segmentation

- Implant library integration

- Mechanical alignment simulation

- Cut-plane planning

These modules establish the platform's ability to handle both soft-tissue and hard-tissue procedures while proving reusable modular architecture for future specialties.

Additional specialty expansions are planned for ophthalmology, cardiothoracic, vascular, urology, and gastrointestinal surgery.

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**Designed for Hospitals, Built for Scale**

Hospitals are the company's primary customers, facing increasing pressure to improve outcomes, reduce complications, and standardize surgical workflows.

The GS-AI platform is architected with:

- Hybrid and on-prem deployment options

- Role-based access control

- Version tracking and audit logs

- FDA-ready compliance framework

- Modular licensing per specialty

Subscription pricing is structured per surgical specialty, with enterprise bundle options available for multi-department hospital systems.

The global surgical technology market is projected to exceed $579 billion by 2030. The company believes even modest market penetration represents a significant recurring-revenue opportunity.

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**Cross-Industry Expansion: Aerospace Digital Twin Platform**

Beyond healthcare, the GS-AI Core Digital Twin Platform™ architecture is designed for cross-domain reuse.

Once stabilized in surgical deployment, the core engine will extend into aerospace and engineering applications by replacing medical imaging inputs with CAD-based modeling

systems. The same digital twin engine will power manufacturing simulation, maintenance replay, and component alignment analytics.

This parallel commercialization path expands the company's long-term valuation potential beyond healthcare alone.

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**Stock Offering to Accelerate Commercialization**

Global Surgical AI Healthcare is seeking to raise **$10 million** through a preferred stock offering priced at **$50 per share**.

Proceeds will be used to:

- Complete Phase 1 engineering

- Expand AI integration and XR runtime development

- Deploy pilot hospital installations

- Advance regulatory readiness

- File intellectual property protections

- Build specialty expansion modules

Lead investor participation begins at $250,000, with individual entry opportunities starting at $50,000.

**Strategic Equity Strategic Investors**

- Development partners

- XR / imaging specialists

- Healthcare IT vendors

- Hospital-adjacent consultants

**How it works**

- They invest cash

- They may also provide discounted services

- They get upside + future business

**Leadership**

The company is founded by Mark Kembel, a former Microsoft test engineer and technology executive with experience leading advanced software development initiatives. The company is assembling a leadership team that includes medical advisors and hospital administration professionals to support FDA pathway preparation and hospital deployment strategy.

**About Global Surgical AI Healthcare**

Global Surgical AI Healthcare is a Washington-based medical technology company developing AI-powered surgical intelligence platforms that integrate digital twin modeling, immersive visualization, and structured clinical analytics to modernize operating rooms worldwide.

The company's long-term vision is to create a modular Surgical Intelligence Platform™ capable of supporting multiple specialties, continuous learning workflows, and cross-industry digital twin expansion.

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