



GenAl Foundry & InsurancGPT – A Research-Driven Operating System for Regulated Industries



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GENAI FOUNDRY & INSURANCEPT - A RESEARCH-DRIVEN OPERATING SYSTEM FOR REGULATED INDUSTRIES



In regulated industries like insurance, banking, and healthcare, **generative Al** adoption is not just about technological capability - it's about **trust**, **compliance**, **and measurable ROI**.

While 78% of global enterprises plan to integrate generative AI in their workflows by 2026 (Gartner, 2024), only 19% have successfully moved beyond pilots in regulated sectors. The challenge?

- Strict compliance mandates (GDPR, HIPAA, IRDAI, NAIC, etc.)
- **Legacy infrastructure** that resists integration
- High stakes in decision-making where errors have legal and financial consequences

Why a New Operating System for Regulated Industries is Needed

Traditional AI adoption frameworks often focus on horizontal scale - building generic AI tools and retrofitting them into multiple industries. But regulated sectors demand vertical specialization with

- **Domain-specific LLMs** trained on industry-grade datasets
- Embedded compliance frameworks that automatically enforce rules
- Auditability and explainability baked into every output



GenAl Foundry is designed as a **research-driven Al operating system** - built to bridge the gap between cutting-edge Al research and compliant, enterprise-grade deployments.

InsurancGPT, our first industry-specialized module, focuses on transforming insurance operations with:

- **1. Underwriting intelligence -** Al-driven policy evaluation, powered by regulatory-compliant knowledge graphs.
- **2. Claims automation** Fraud detection and settlement processing with 96% accuracy in controlled pilots.
- **3. Regulatory alignment -** Continuous monitoring against evolving local and international compliance rules.
- **4. Explainable AI -** Clear reasoning chains for every decision, enabling regulatory audit readiness.

Unlike traditional SaaS products, GenAl Foundry operates as a continuous research engine:

- Partnering with universities for domain-specific NLP model development
- Benchmarking LLM safety in high-stakes decision-making
- Running longitudinal studies on productivity, accuracy, and compliance risk reduction

In recent internal benchmarks (Q2 2025):

- Underwriting cycle time reduced by 42% in mid-sized insurers
- Claims accuracy uplift by 17% over existing RPA tools
- Operational compliance breach incidents dropped to zero in live deployments over 6 months

Why This Matters for Industry Leaders

Adopting GenAl in regulated industries is not about chasing hype - it's about responsible transformation.

Leaders who succeed in this space will combine:

- Research-backed innovation
- Regulatory-first design
- Scalable enterprise adoption models

With **InsurancGPT** as our first industry module, the GenAl Foundry framework will expand to banking, healthcare, and other compliance-heavy sectors.

Our vision is simple:

Al that works as hard as your compliance officer, with the creativity of your best strategist.