Neutrinos
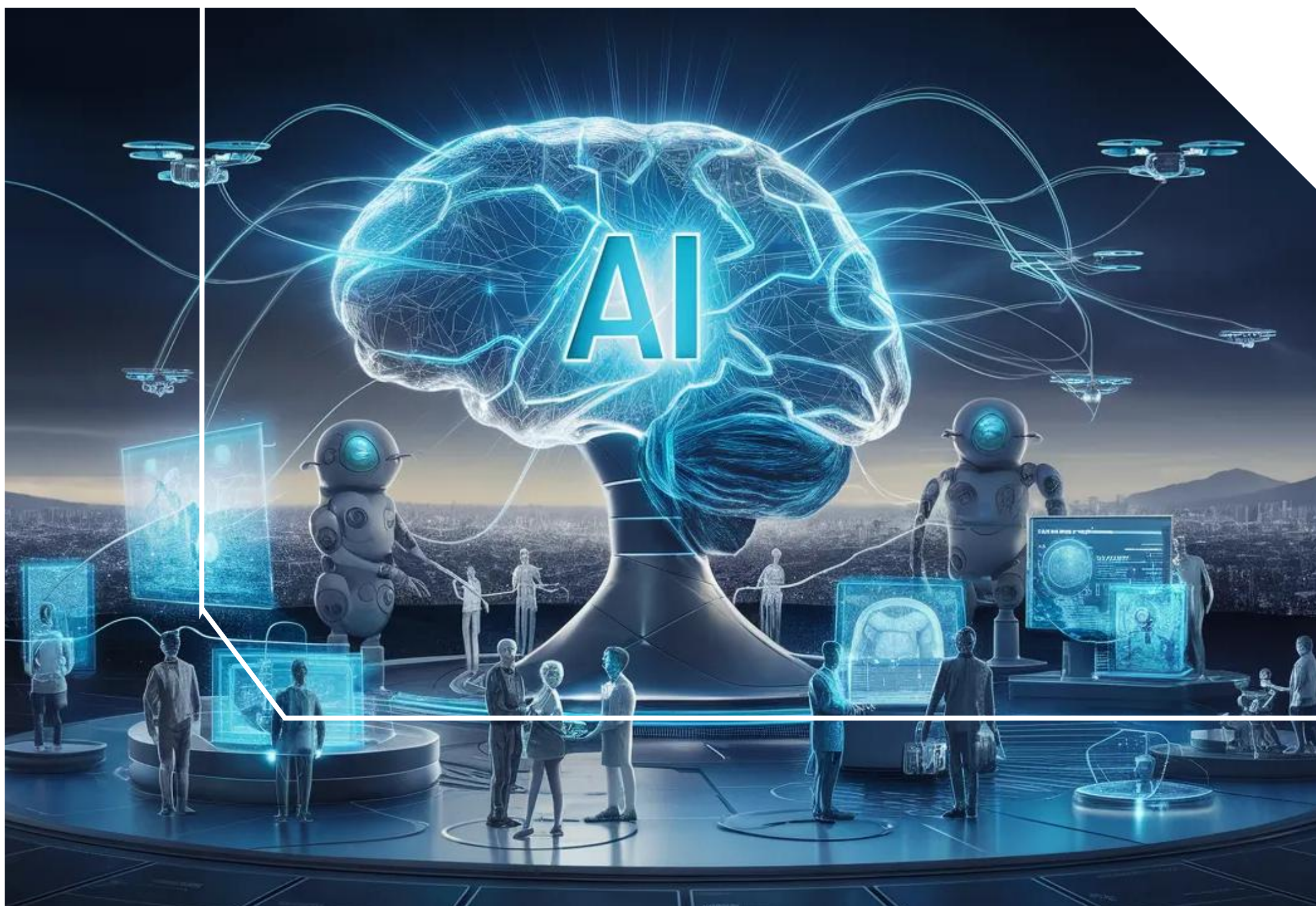# AI Agent Library

Agentic AI, Built for Insurance

Insurers are under pressure to deploy AI,

but many are struggling to operationalize it. Generic AI tools don't account for the complexity of insurance workflows across underwriting, distribution, claims and policyholder servicing, or the need for governance and auditability. And most teams don't have the bandwidth to design, train, and integrate agents across fragmented systems.

That said, according to Gartner, by 2028:

33% of enterprise software will include agentic AI, up from <1% today

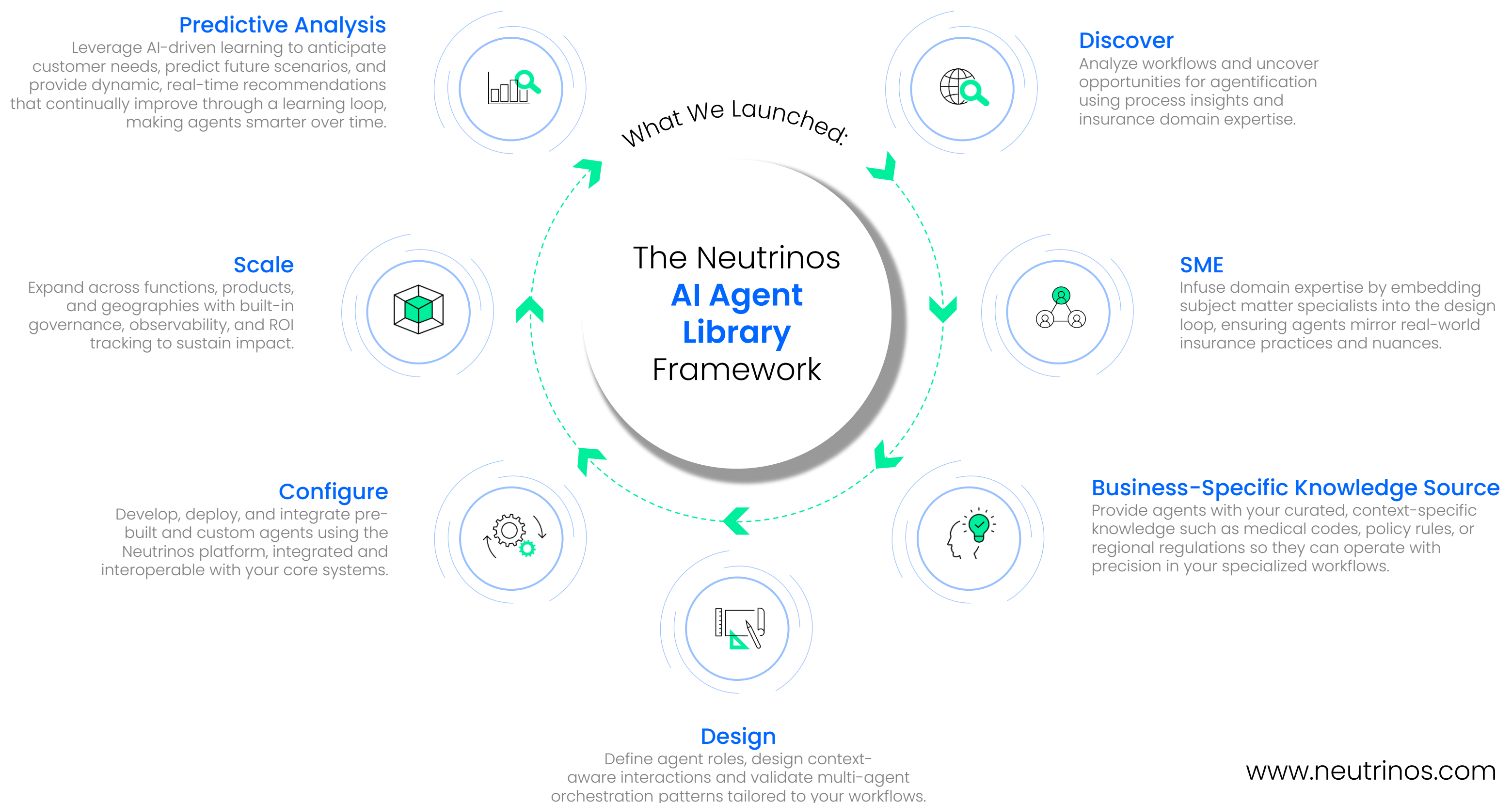**15**% of day-to-day decisions will be made autonomously

One-third of generative AI interactions will rely on autonomous agents.

For insurers, turning this vision into reality is daunting. The Neutrinos AI Agent Library solves this, giving carriers ready-to-deploy, insurance-specific AI agents that have built-in governance, observability, and context-awareness.

Solution Overview

The Neutrinos AI Agent Library gives insurers an immediate on-ramp to agentic AI. Delivered through the Neutrinos platform and AI Hub, this library includes 50+ pre-built, insurance-specific AI agents that integrate directly into real-world workflows.

These agents support claims, underwriting, servicing, and distribution with built-in governance, interoperability, and enterprise scalability, enabling insurers to deploy context-aware, explainable AI into high-impact processes without starting from scratch.

Predictive Analysis
Leverage AI-driven learning to anticipate customer needs, predict future scenarios, and provide dynamic, real-time recommendations that continually improve through a learning loop, making agents smarter over time.

Scale
Expand across functions, products, and geographies with built-in governance, observability, and ROI tracking to sustain impact.

Configure
Develop, deploy, and integrate pre-built and custom agents using the Neutrinos platform, integrated and interoperable with your core systems.

What We Launched:

The Neutrinos **AI Agent Library** Framework

Discover
Analyze workflows and uncover opportunities for agentification using process insights and insurance domain expertise.

SME
Infuse domain expertise by embedding subject matter specialists into the design loop, ensuring agents mirror real-world insurance practices and nuances.

Business-Specific Knowledge Source
Provide agents with your curated, context-specific knowledge such as medical codes, policy rules, or regional regulations so they can operate with precision in your specialized workflows.

Design
Define agent roles, design context-aware interactions and validate multi-agent orchestration patterns tailored to your workflows.

A Look Inside the AI Agent Library

The Neutrinos AI Agent Library includes a broad range of insurance-specific agents purpose-built for real-world underwriting, claims, servicing, distribution, and compliance needs. The following highlights examples of Neutrinos AI agents and their use cases across the insurance value chain.

1. Underwriting & Risk Assessment

Empower underwriting teams with AI agents that assess risk, score applicants, and simulate pricing dynamically.

1. Simulate pricing and model applicant risk scenarios

2. Analyze documents, disclosures, and medical data for accuracy

3. Recommend next best actions and flag anomalies

2. Fraud Detection & Adjudication Support

Detect risk signals and support adjudication with AI agents that analyze data for anomalies and policy alignment.

1. Flag suspicious patterns, inflated costs, or blacklisted providers

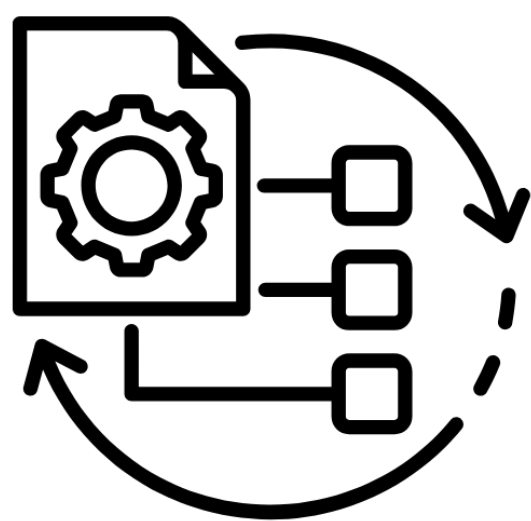2. Summarize claims and highlight anomalies for review

3. Validate evidence, treatments, and policy alignment

3. Claims Automation

Orchestrate intake, verification, and adjudication with pre-built agents that accelerate claims workflows and improve accuracy

1. Automate FNOL capture, validation, and routing

2. Verify eligibility, coverage, and claimant identity

3. Assess damage and streamline adjuster collaboration

4. Medical & Document Intelligence

Extract, classify, and analyze unstructured documents in claims and underwriting.

1. Convert medical and policy documents into structured, actionable data

2. Flag inconsistencies, incomplete files, and potential tampering

3. Automate document review to accelerate decisions in underwriting and claims

5. Customer Communication & Engagement

Deliver context-aware interactions across the policyholder journey.

1 Enable efficient quote-to-bind and onboarding processes

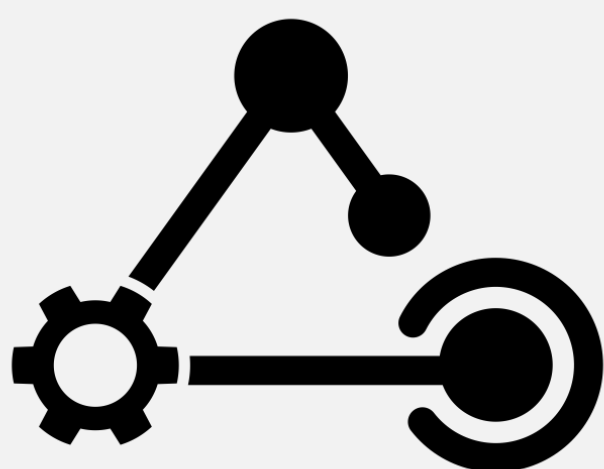**2** Deliver real-time updates, reminders, and personalized recommendations

3 Explain eligibility, coverage, and renewal options clearly and consistently

6. Distribution Support & Compliance

Enhance collaboration, oversight, and compliance.

1 Ensure compliant, transparent interactions across sales and servicing

2 Improve case collaboration with AI agents and speed progress across workflows

3 Recommend personalized products to improve conversion and suitability

Benefits of the Neutrinos AI Agent Library

Ready-to-Deploy:
Pre-built agents to quickly operationalize AI and scale securely across teams, systems, and lines of business.

Purpose-Built Models:
Created for insurance value streams across risk & underwriting, servicing, claims and more.

AI Governance & Observability:
Built-in governance, auditability, and transparency.

Enterprise-Grade:
SOC 2 Type II, ISO 27001:2022 and POPI certified with secure, compliant and scalable architecture.

Each agent is mapped to real-world, high-impact scenarios across the insurance value chain, such as accelerating claims, supporting underwriters, enabling contextual customer conversations, or identifying anomalies in adjudication and more.

These are not hypothetical concepts; they are grounded in production-grade, insurance-native implementations built to work with your existing systems and processes.

Sample use cases are available on request or can be demonstrated through a live platform demo
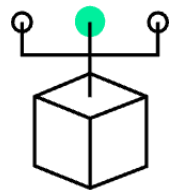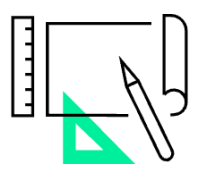
» Why work with us...

At Neutrinos, we bring deep domain expertise, innovative AI-driven solutions, and a customer-centric approach to modernize and automate the complexities of life & annuity insurance. As the creators of the first end-to-end intelligent automation process platform purpose-built for insurers, we offer a library of reusable solution assets that save time, reduce costs, and deliver measurable business outcomes.
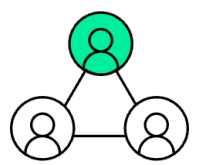
Experienced Team: Our team is a group of insurance industry veterans, automation experts, and data & AI geeks who've been building insurance technologies long before the term "InsurTech" was coined - now we're driving what it means for the future of intelligent enterprises.

Platform Purpose-Built for Insurance: Designed for the complexities of the insurance industry, the Neutrinos platform and pre-built accelerators enable teams to drive intelligent automation across risk assessment, decisioning, and underwriting workflows, with a domain-led approach.

Neutrinos Academy: Our Academy offers specialized learning paths tailored to your role, whether you're just getting started or already a seasoned expert and get certified. Pick the journey designed to fit you and embark on a journey designed to accelerate your skills and knowledge with professional certifications.

Partner Ecosystem: Neutrinos' robust partner ecosystem brings together technology providers, system integrators, and industry experts to deliver seamless, end-to-end solutions for insurers. By collaborating with a diverse network of partners, Neutrinos ensures scalability, innovation, and tailored implementations that drive business success across underwriting, claims, and distribution processes.

Schedule a demo today!

≫ About Neutrinos:

Neutrinos is the leading AI-powered intelligent automation platform purpose-built for the insurance industry. At the core of our offering is the industry's most advanced agentic AI composer and orchestrator, designed specifically to automate and optimize complex, end-to-end insurance processes.

From underwriting and claims to distribution, our platform empowers insurers with deep domain expertise, intelligent automation, and pre-built accelerators to drive faster innovation, operational efficiency, and seamless omni-channel experiences. Learn more at www.neutrinos.com

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Neutrinos
Reinvent. Accelerated.