



Fast forward your insurtech roadmap with speed and agility

Scale your customer-first insurance solutions with Virtusa

The future of insurance is data-driven, and hyper-personalized – and Virtusa helps you get there

With hybrid models, AI-powered underwriting and claims, usage-based policies, and blockchain, the insurance industry is undergoing dynamic transformation. Customers expect faster, hyper-personalized services, and regulators demand transparency and legacy system struggles to compete. Disruptive Insurtech startups seek to redefine the market, leading to differentiation and saturation.

At Virtusa, we partner with forward-thinking Insurtechs pioneers to bridge this gap by delivering modern digital infrastructure, streamline operations, faster go-to-market, and scalable innovation tailored to your needs.



Why Virtusa?

With 25+ years in insurance and financial services, we go beyond tools to drive real business results by leveraging:



Deep knowledge of insurance products, data, and regulations



Proven track record in cloud, automation, and AI/ML engineering



Agile teams that co-create with you, from idea to implementation



Strong ecosystem partnerships with AWS, Google Cloud, Microsoft, and Salesforce



Global delivery model for scale and seamless execution



Our core capabilities

With 25+ years in insurance and financial services, we go beyond tools to drive real business results by leveraging:



Application management

Architecture assessment, full-stack development, legacy modernization, application services, QA/testing, ERP and HCM solutions



Digital engineering

Agile delivery, microservices and APIs, platform engineering, content and experience management, mobile and internet of things (IoT), automation (DPA, IPA, blockchain)



Cloud services

Cloud strategy, development, migration, security, containerization, infrastructure management, Software as a Service (SaaS) and open innovation



Agile and DevOps

Agile transformation, shift-left delivery, DevOps center of excellence (CoE), CI/CD, ALM tools, environment management



Data and analytics

Data strategy, engineering (DWH, MDM), BI, AI/ML, and RPA solutions



Consulting and solution design

Experience design, IT strategy, operational transformation, business capability modeling, and accelerated solutioning



Enterprise apps

Salesforce, ServiceNow, SAP



Automation

Workflow, process re-engineering, RPA



Digital assurance

Consulting, automation (Web, Mobile, API, Data)



Managed services

AMS, CI/CD ops, enterprise app support, service desk

Solutions tailored for insurtech

Our core capabilities and innovative solutions help reshape insurance to reimagine:

01

Digital claims transformation

AI-powered claims automation, fraud detection, and real-time tracking

02

Customer 360 platforms

Unified customer insights using AI/ML to improve personalization and service

03

Cloud modernization

Migrate legacy systems to secure, scalable, cloud-based platforms

04

Embedded insurance

API-based solutions to integrate insurance offerings into third-party ecosystems

05

Risk analytics and predictive modeling

Harness big data and AI for smarter underwriting and risk management

06

RegTech solutions

Simplify compliance with automated regulatory reporting and monitoring tools

Innovation in action: Case studies

CASE STUDY 01



Enhancing worker safety and risk pricing with IoT-powered wearables

To address the high costs of workers' compensation injuries, an Insurtech collaborated with Virtusa to develop intelligent wearables that monitor safety in real time. The solution empowered insurers to more accurately price risk and helped the employers to proactively identify and prevent safety incidents through advanced analytics and black-box data capture leading to improved worker safety, smarter underwriting, and reduced claims exposure.

CASE STUDY 02



Driving efficiency with a digital mailroom for service-based pricing

An insurtech client faced poor customer experience and long turnaround times for insurance quotes through the agent and broker channel. Virtusa implemented intelligent document routing—matching client, template, and skillset—via a state-of-the-art digital mailroom in Indianapolis. This streamlined the application process, enabling 100% clean submissions and reducing application turnaround time from weeks to minutes, ultimately cutting processing costs by approximately 40%.

Let us build the next era of insurance together

Ready to transform your insurance business?
Let Virtusa help you navigate the future with confidence

virtusa
Engineering First

Contact us today for a free demo and assessment
by emailing marketing@virtusa.com