GUIDEWIRE

Overview

Guidewire Predict is an advanced machine-learning platform for P&C insurance that empowers insurers to make intelligent, data-driven decisions throughout the insurance lifecycle. Predict enables a true Smart Core system where real-time predictive insights are embedded in Guidewire core systems.

Benefits

- **Reverse adverse selection**
- **Optimize pricing**
- **Improve claims efficiency**
- **Improve underwriting profitability**

Features

- **Build models and analyze business impact**
- **Deploy and integrate modeling solutions**
- **Bring your own models (BYOM) and deploy them**
- **Embedded analytics framework to rapidly operationalize models**
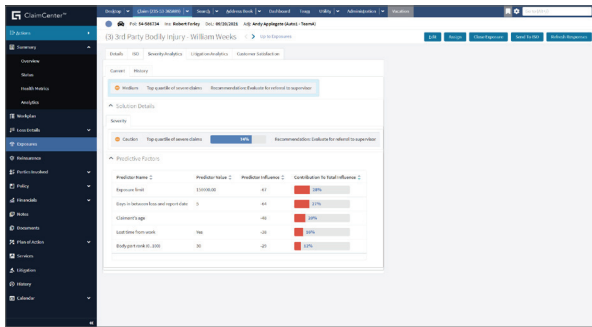- **Monitor continuously**

Guidewire Predict

> ## Enabling AI throughout the insurance lifecycle
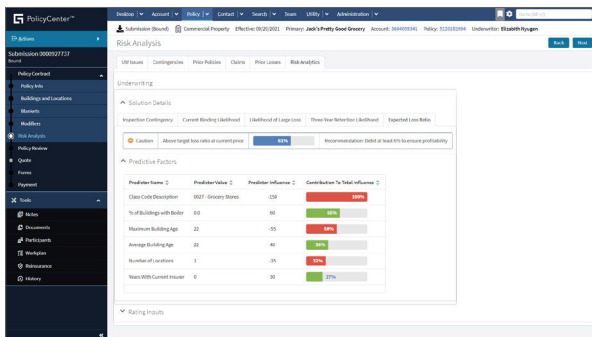
Deliver Superior Business Outcomes

For today's insurers, the pace of decision-making has increased, data is abundant, and advances in technology have opened new opportunities to create and capture value through analytics. Underwriters and claims professionals are constantly challenged to make the right decisions quickly, and they realize that they can no longer rely on professional judgment alone. Today, insurers need to leverage data-driven predictive insights that augment human intelligence to deliver superior business outcomes across pricing, claims, underwriting, and operations.

It's not uncommon for insurers to have dedicated teams of data scientists and actuaries that use a variety of modeling tools and techniques. However, the reality is that most insurers struggle with the last mile — operationalizing the analytics outcomes in day-to-day core processes to create business value. Deploying predictive insights into core processes, particularly when using multiple modeling tools, presents a unique set of challenges, such as real-time integration, managing multiple models and model versions, and monitoring model performance.

To address these strategic challenges, insurers need an end-to-end predictive analytics solution purpose-built for the P&C industry. **Guidewire Predict** is such an enablement platform. Predict enables insurers to build, deploy, and monitor models at scale.

Predictive insights embedded in Guidewire ClaimCenter

Predictive insights embedded in Guidewire PolicyCenter

Predict for Claims

For claims organizations focused on managing costs while increasing customer satisfaction, **Predict for Claims** optimizes operations. By analyzing multiple sets of data, providing guidance to frontline decision makers, and continuously measuring business value, Predict for Claims helps better manage claim indemnity and loss-adjustment expenses.

Some of the most commonly deployed claims solutions include claims triage, severity escalation, subrogation detection, and litigation risk detection.

Predict for Profitability

For underwriting organizations focused on pricing accurately while increasing customer satisfaction, **Predict for Profitability** improves underwriting profitability. By analyzing multiple sets of data, providing guidance to frontline decision makers, and continuously measuring business value, Predict for Profitability helps by improving rating sophistication and granularity while identifying and addressing pricing inaccuracies.

Some of the most commonly deployed profitability solutions include automated rate adjustment, profitability guidance, customer retention, and expense reduction.

To operationalize the models, Guidewire Predict seamlessly integrates with **Guidewire ClaimCenter**, **Guidewire PolicyCenter**, and **Guidewire InsuranceNow** to deliver scoring results in real time along with the impacting predictive factors. Follow-on actions, adjustments, and activities are then automatically triggered in these core systems through configurations. In addition, Guidewire also helps measure and monitor model performance.

> "Guidewire Predict has helped us improve the profitability of our auto book of business. The accompanying behavioral changes have resulted in 20% growth in written premium over four years."
>
> —Daniel Sorensen, Actuarial Analyst II
> Mountain West Farm Bureau Mutual
> Insurance Company

Build, Deploy, Monitor

Predict consists of three key applications that work together to embed real-time insights into core processes:

1. **BUILD:** Upload, validate, and promote your data; invoke the analytic engine to create models based on the data; and apply preexisting models to a new set of data or to data that was aged. BUILD also includes utilities to create, update, and review scenarios that specify models to be applied to new or aged data, and then submit the processing job. The BUILD application provides efficiency and consistency with a repeatable process.

2. **DEPLOY**: Combine one or more models, augment those models with supplemental logic, and create an API endpoint that can be called from the core system. DEPLOY also includes the Bring Your Own Model (BYOM) capability to import ready-to-use models built using third-party systems (along with their data sets) and deploy those models as solutions. DEPLOY also includes an embedded analytics framework (EAF), which quickly operationalizes multiple modeling solutions into PolicyCenter, ClaimCenter, and InsuranceNow in a matter of minutes.

3. **MONITOR:** Business conditions and modeling data change all the time. Therefore, it is essential to continuously evaluate how a model is performing. MONITOR conducts continuous, real-time audits to assess performance and notify users of adverse situations.

Predict is the only machine-learning platform that is specific to the P&C industry. It can deploy your first model in a matter of weeks. With Predict, you can turn your analytics workshop into a modeling factory.

Guidewire is the platform P&C insurers trust to engage, innovate, and grow efficiently. We combine digital, core, analytics, and AI to deliver our platform as a cloud service. More than 450 insurers, from new ventures to the largest and most complex in the world, run on Guidewire. For more information, contact us at info@guidewire.com.