



# PROPHET GI SERVICES

ENHANCING THE QUALITY OF RISK AND CAPITAL MODELING

## Overview

Non-life insurers are challenged by internal and external stakeholders to improve their capital modeling, reserving and pricing capabilities in support of a successful business strategy. Regulators, management, auditors and rating agencies alike are placing the management of risk and capital under increasing scrutiny.

## Implementing a complete solution

Working alongside customers and FIS' solution architects, FIS' experienced General/P&C Insurance actuarial practitioners help insurers manage today's demands by enhancing their end-to-end risk modeling and reporting capabilities. Surrounding FIS' software applications for capital modelling, reserving and pricing for non-life insurers is a comprehensive range of value-adding supporting services.

FIS' Prophet GI provides a complete risk modeling solution for general insurance actuaries and risk managers, delivered by in-house general insurance actuarial professionals and technical experts. Our general insurance services cover solution integration, specialized actuarial and technical services, managed services, training and support.

## Key Prophet GI services

- **Model build and implementation:** supporting model implementation from initial vision and scoping through model definition and architecture, to model build and execution
- **Model optimization and streamlining:** including build and model streamlining, code optimization and process reviews
- **Data management:** provision of data management systems and services, to support data functions and models
- **Training:** provision of both standard training courses and bespoke training needs as required

## Comprehensive professional services

To help customers optimize their use of Prophet GI and to gain the maximum operational, business planning and capital benefits, FIS provides the following comprehensive services packages:

### Model build and implementation

- Prophet GI implementation
- Establish data and experience analysis foundations using Data Conversion System (DCS) and Glean
- Establish GI capital models for capital management and assessment, business planning and risk management
- Establish GI reserve models for calculating deterministic and stochastic reserves, alongside reserve risk
- Establish GI pricing models to analyze risk based experience using advanced generalized linear modeling techniques

### Model optimization / streamlining

- Optimization of model performance including run times
- Streamline models and improve governance
- Model quality improvements to better manage model risk
- Model operational efficiency improvements to improve processes and controls
- Model improvements to reduce operational risks and potential model errors

### Data management

- Analysis of modeling data needs
- Gap analysis against data dictionaries
- Setting up data processes to extract, transform and load the required modeling data using DCS
- Setting up data validation and cleansing functions within the DCS processes

### Training

- Standard training courses in capital modeling, reserving and pricing applications
- Various levels available from proficiency in using the software to competence in actuarial coding
- Bespoke training and coaching to fit the exact needs of the business and its staff

## About FIS' Prophet solution

FIS' Prophet solution is a leading enterprise-wide actuarial modeling system that helps insurance and financial services companies meet reporting responsibilities, improve risk management, and develop more profitable products faster. Prophet uses customizable actuarial libraries for all major product types, including regional variations. It provides the transparency, performance and control required by today's actuaries and risk managers through integrated financial modeling and data management capabilities. Prophet is used by more than 10,000 users at over 860 customer sites in over 65 countries.

## About FIS

FIS is a global leader in financial services technology, with a focus on retail and institutional banking, payments, asset and wealth management, risk and compliance, consulting and outsourcing solutions. Through the depth and breadth of our solutions portfolio, global capabilities and domain expertise, FIS serves more than 20,000 clients in over 130 countries. Headquartered in Jacksonville, Florida, FIS employs more than 53,000 people worldwide and holds leadership positions in payment processing, financial software and banking solutions. Providing software, services and outsourcing of the technology that empowers the financial world, FIS is a Fortune 500 company and is a member of Standard & Poor's 500® Index. For more information about FIS, visit [www.fisglobal.com](http://www.fisglobal.com)