

Captive Solutions

Dynamo develops insightful, innovative and robust solutions for both Captives and Corporate insurance, helping these businesses navigate the future and make data driven decisions.

Captives typically spend too much time turning the handle on slow and fragile business-as-usual processes and do not have sufficient time to focus on value-add or strategic activities. Small teams, team members who need to fulfill multiple roles and increasingly demanding regulatory requirements have placed further pressure on captives' operational processes.

Dynamo's global team of professional actuarial, financial, and data consultants partner with captives to manage and overcome these challenges through:

- 1. Process Automation** The automation of processes saves time, ensures consistency, and aids focus on strategic decision-making. We are specialists in optimising and automating end-to-end actuarial and financial processes.
- 2. Transformation Support** We provide management consulting and programme management support to help you design and achieve your process and/or business transformation goals.
- 3. Outsourced Expertise** Our team has experience running and leading actuarial and risk functions in insurance businesses across the globe and our team members can augment your team as needed or be an extension of your team as an outsourced partner.

Psicle platform ('saik/)

Psicle® is a flexible, robust, fit-for-purpose modelling environment with rich statistical, data management and audit functionality, enabling the industrialisation of a wide variety of actuarial and financial models.

It is an **award-winning** platform, which is changing the way our clients think about, operate, and run their technical processes.

It provides a solution for the automation and industrialisation of an array of actuarial and financial processes through a combination of low-code **flexible functionality** and preconfigured modules.

Insurers across a multitude of geographies have chosen Psicle to help them overcome tight deadlines and resource constraints and derive more insight from their data.

“ Experience, expertise, and service. All part of our DNA. ”

Process automation and integration can:



Reduce the time spent turning the handle on slow and fragile processes, creating more capacity for stakeholder engagement and decision making as well as empowering the team to boost their contribution to the business strategy.



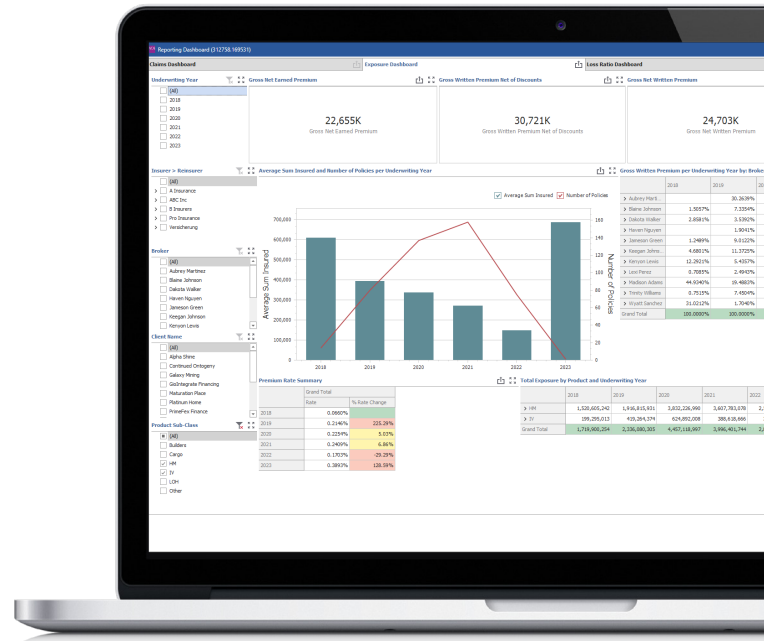
Significantly reduce operational risk through robust, automated processes built within a well-governed environment.



Ensure consistency of data by integrating upstream and downstream data sources, processes, and systems.



Enable the use of sensitivity/scenario testing and analysis of change to aid in **strategic decision-making**.



Pricing and Portfolio Management

Auto-rating and portfolio management in Psicle is technology-enabled, top-down, and diagnostic-led. It takes an algorithmic rules-based approach to pricing risk, freeing up the expert's time to focus on areas where there is real business gain.

Data Capture

We can help you build and implement a data capture solution that emphasises governance to instil confidence, allows the user to set custom validation rules which integrates with other downstream processes.

Auto Rating

Features:

- algorithmic approach to pricing and underwriting risk which relies on underwriting strategy and risk appetite, with assumptions coded upfront.
- each risk is initially priced with no human intervention in a straight-through mechanical process, and subsequently quoted or rejected based on the user-specified materiality framework.
- the system produces rich diagnostics and dashboards which flag the user's attention where case intervention is required.

Diagnostic Lead Portfolio Management

Modelling

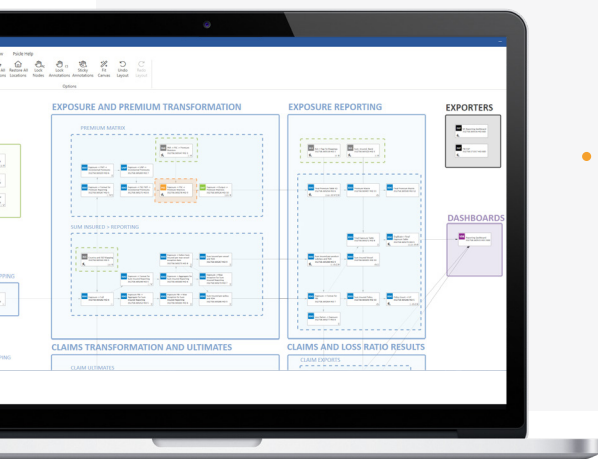
Accomplished in an end-to-end, automated process with pre-defined algorithms to allow the user to focus on result interpretation instead of data cleansing or process stitching.

Dashboards

A materiality framework woven into dynamic dashboards to direct the user's attention to areas of concern, including deep dive functionality.

Data-driven decisions

Easily accessible, interpretable results driven by scenario or sensitivity testing enables users to make data-driven decisions.



Dynamic Financial Analysis

With a team of experienced data modellers, actuaries, and systems specialists, we develop bespoke futureproof models which allow the user to produce in-depth, dynamic financial analysis for a captive's financial statements, capital requirements, reinsurance and more.

- Using a combination of detailed projections, forecasting, stress and scenario analysis, we can provide insightful and robust results to help drive your business forward.
- With our modelling and actuarial expertise, we can capture all aspects of a captive's business including asset management, business planning, reinsurance, solvency, and profitability. This allows us to conduct analysis at a range of granularities and generate results targeted to key business areas.

- Our modelling can aid internal risk management, including regulatory requirements such as ORSA reports, and provide the metrics to make data-driven strategic decisions.
- By having all components of a captive in one location we are able to see the interaction between the different sections of the business, which can provide deep holistic insights.

“ Let technology do the heavy lifting for you so you can focus on the metrics that matter. ”

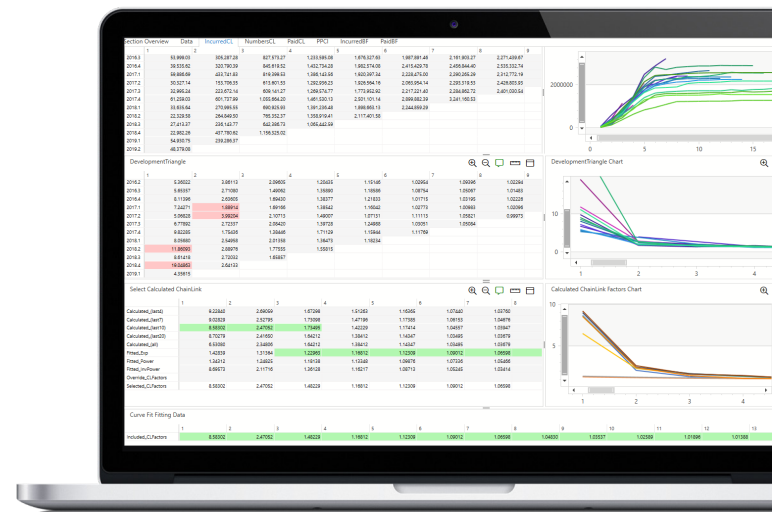
Reserving

Psicle's award-winning Reserving Gadget is a user-friendly interface for actuaries to set reserves, and includes pre-configured methodologies, a range of diagnostics to support assumption setting, and interactive selections.

The integration of the gadget within the base platform allows actuaries to leverage the customisation, speed, automation, and governance of the Psicle platform to transform reserving into a modern and efficient end-to-end process that goes beyond regulatory needs to add value to your business

Outputs of a Psicle reserving process can seamlessly feed downstream Psicle models and processes covering other reporting bases, such as Solvency regimes, capital models and IFRS 17 calculation engines.

Captives can leverage template reserving models to accelerate implementation, with targeted customisation to appropriately reflect underlying risks and regulatory needs.



TRANSFORMATION SUPPORT

We use our extensive transformation experience, thought leadership and intelligent use of technology to empower you to think outside of the constraints of your current processes, to imagine the financial process that might be, and to realise the benefits of truly transformative change.

Successful transformation is much larger than just designing a new process. It demands time, focus and commitment from a wide range of stakeholders, as well

as consideration of broader company objectives. We help you navigate your transformation journey with confidence through technology, our seasoned transformation experience, and our deep understanding of how to instil cultural change.

Our team fundamentally understands insurance and can help you navigate your way through complex process change. We've seen it, been there, and done it all before. And we're here to support you every step of the way.

Implementation

Dynamo's consulting team has deep and varied experience in tech-enabled process design, from migration to transformation, across a range of insurer sizes, geographies, regulatory regimes, and product portfolios.

We offer both a bespoke build or a template solution based on each project's scale, timelines, and resource

availability. Throughout implementation and beyond, our consulting and technical support teams stand ready to make your program a success.

During a bespoke build we help you conceptualise, design, and build a reserving process that meets the complexity of your business. Our 'off-the-shelf' template solutions have preconfigured data exploration dashboards, reserve methodologies, and reporting processes ready for rapid implementation.

OUTSOURCED EXPERTISE

Our team has experience running and leading actuarial functions in the insurance industry across the globe. This means we truly understand the issues and problems that you face.

We can provide you with flexible and expert resource to get through peak workloads and periods where team augmentation is required, or work with you as a long-term outsourced partner.

- **Actuarial Function**

We can provide the full actuarial function to your business, with our team's global experience including working as actuarial function with a range of captives.

- **Insurance/Reinsurance Strategy**

Using our expertise, we provide strategic support and analysis for both captives and their

parent companies to enable you to maximise performance and efficiencies across the group.

- **Independent Reviews**

We provide technical independent reviews of actuarial and financial processes including Solvency Capital Requirement calculations, reserving methodologies, and Technical Provisions approaches.

- **Pricing and Premium Allocation**

We develop robust, futureproof solutions for pricing and premium allocation, leveraging our experience covering a wide range of classes of business.

- **Feasibility Studies**

We conduct studies to understand the viability of self-insurance by analysing potential capital impacts, evaluating claims and expenses, and performing

comparisons to market insurance.

- **Target State Design**

We help you conceptualise a target operating model to meet your strategic and tactical goals, and design your technical models, frameworks, and teams to achieve this.

- **Project Management**

Project management is an integral aspect of any process and project. Dynamo have employed project managers with firm disciplines and project management expertise, with a blend of actuarial and industry experience and are able to provide such expertise to our clients.

About Dynamo

Experience, expertise, and service. All part of our DNA.

We are actuaries, problem solvers, and strategic thinkers. As a highly innovative team, we are passionate about understanding how the world of business-critical modelling is evolving, and how organisations need to adapt. We apply our mathematical skills, professional expertise, and intelligent automation platform to help our clients navigate their transformational journey with confidence. Brilliant at building relationships and driving change through innovation and a culture of teamwork, we deliver robust, insightful solutions to modernise and industrialise a client's technical models and processes. We give clients greater certainty in increasingly complex times.

For further information on Dynamo and Psicle, including case studies, visit www.dyna-mo.com or email us at psicle@dyna-mo.com

The logo for Dynamo, featuring the word "dynamo" in a lowercase, sans-serif font. The "d" is white, and the "yna" is white, while the ".mo" is orange. The background of the logo area is a dark blue with a subtle, abstract pattern of overlapping shapes.