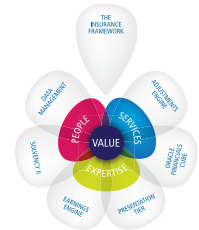


Data solutions

Insurance

PRECISE. PROVEN. PERFORMANCE.

The insurance framework



Data management

In today's business environment Insurance companies face an increasing range of challenges managing and ensuring the integrity of their data. Internal commercial demands and external compliance requirements drive the need for comprehensive monitoring and reporting on business performance. The ability to analyse and report on data consistently and quickly across the entire business is critical.

Insurance framework

Moore Stephens has recognised this and has developed a range of data management solutions to assist the insurance sector in

addressing these challenges. At the core of all our data management solutions is the Insurance Framework, which has evolved over many years and many successful implementations to be the market leading data management solution of its kind for the insurance industry.

The Framework comprises a range of data models, methodologies, templates and business focussed components that address the core requirements of an insurance data warehouse and management information environment. These have been designed, and refined, following successful projects throughout the industry, so they have been verified by your peers as being fit for purpose.

Solution overview



Core functionality

The core functionality of the Framework addresses the following business functions within an insurance company:

- Gross Policy and Claims – the engine room of the Framework which store the core insurance transactions, whether via Lloyd's messages, or elsewhere. This feeds all other areas of the solution.
- Outwards RI – this addresses Reinsurance premium and claims transactions, sourced from your core Reinsurance systems.
- Reserving – this stores the IBNR and ultimates data received from actuarial applications such as ResQ Pro and @Risk and/or spreadsheets.
- Earned Premium – this stores earnings information for premium and reinsurance fed from applications and/or manual calculation input.
- On-line Data Dictionary – this provides a full business glossary to users presenting consistent definitions and explanations for key metrics and other business terms. This is surfaced through an information portal and linked into the core reporting environment.
- Data Reconciliation Audit – throughout the entire Framework model data flows are monitored and integrity assured. The user is able to demonstrate full data traceability from report back to source system data.

Alongside the core functionality there are a number of optional applications that are available for integration including:

- Earnings engine – accommodates flexible earnings patterns and calculation methodologies for different classes of risk.
- Adjustments engine – allows financial or categorisation changes to be applied to underlying transactions but provides a full audit trail to ensure data integrity is maintained.
- Presentation Tier – alongside the standard presentation tools available a customised scheduling and parameter based reporting tool is available to improve the user experience for report generation.
- ETL Healthcheck – monitors the status of data flows throughout the Framework and reports on errors identified and remedial action required. It also acts as a visual representation of the ETL status and demonstrates integrity on a real time basis.

Designed to work with your business

The Framework is designed to deliver a robust and scalable technical platform alongside a flexible and business focussed user interface. This ensures that our solutions are business led, rather than pure technical deliveries, and build on the experience of many years of insurance expertise and understanding of our business and technical teams.

The extensible design of the Framework allows new products and source systems to be added to the solution without changes to the underlying models, allowing each business to build on these core capabilities to accommodate new and future business requirements. As far as possible the Framework is designed to future proof your investment.

Tailored to market challenges

Building on 10 years of experience working with insurance clients across the market, Moore Stephens has tailored the Framework to meet the specific challenges faced by the insurance industry.

Key standard functionality includes:

- flexible currency conversion – enabling ad hoc conversion of reporting rates;
- triangulation reporting – fully dynamic triangulation code to provide triangles at multiple drill down levels;
- true 'as-at' functionality – our data models capture data changes only, hence storing true historic positions, not just transactional history;
- a single version of the truth – an agreed definition for all reportable data;
- low level data granularity – the ability to drill from high level metrics down to the underlying detailed transactions;
- a reinforced data governance policy – that provides concrete evidence that controlled, accurate and quality data is being used by the business for decision making;
- a single source for compliance and regulatory reporting; and
- a core Data Dictionary – a comprehensive business glossary, enabling users to record all descriptions and definitions for key metrics via a web based front end.

How you benefit

The Framework has the built-in flexibility to accommodate the needs of a broad spectrum of clients, ranging from large composites and Lloyd's syndicates to niche insurers and MGAs.

As our clients will tell you, it adds up to a unique proposition, delivering dynamic solutions to meet your needs.

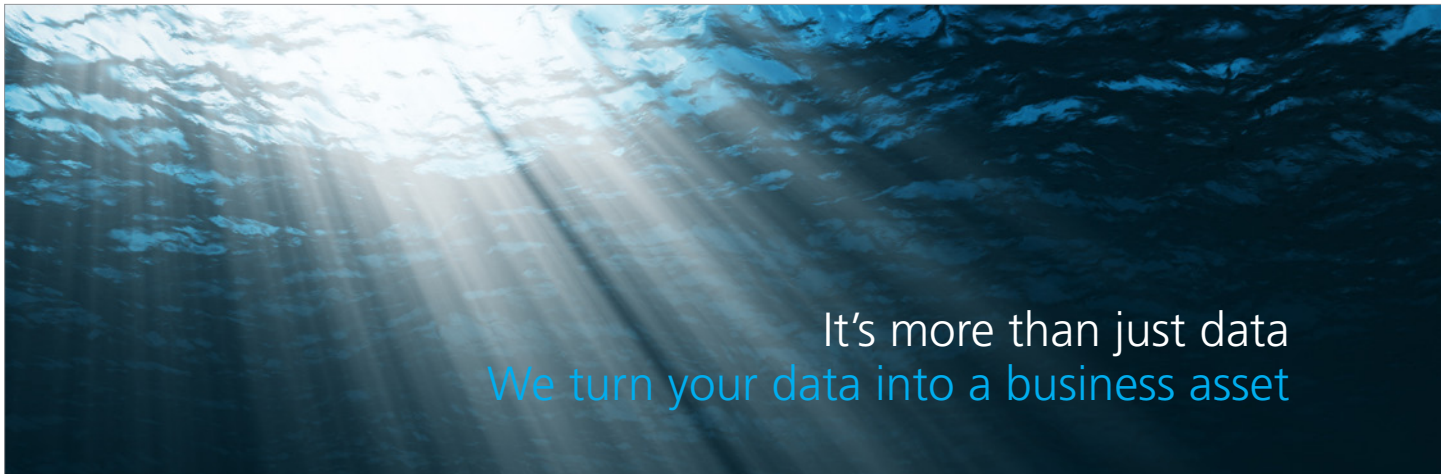
Selecting the Insurance Framework delivers a number of business benefits including:

- **Reduced cost of ownership** - the established and proven data models and code sets significantly reduce the ownership costs of the solution. To replicate the depth and reach of our solutions, our competitors would charge many multiples of our fees in bespoke development costs.
- **Enhanced decision making** - the resultant speed of information provision, along with the method of presentation and level of granularity available, significantly enhances the decision making process. The ability to react more quickly to changing circumstances, and make more informed decisions, provides a significant competitive advantage.
- **Designed with Solvency II in mind** - the Framework has been designed to support and demonstrate clear data transparency and traceability throughout the data models, back to source systems. As a result, it specifically addresses data integrity requirements of Solvency II.
- **Reduce the risks** - inherent within all complex IT programmes, by using proven and tested data models and years of experience.
- **Accelerates project timescales** - reducing the effort and, therefore, the cost of implementing insurance BI solutions.
- **Existing data models, processes and templates for development** - the almost immediate cost savings that can be made from being self sufficient around information provision, ensures a quicker than usual return on investment. This, coupled with the future proofing of your technology solution should ensure lower recurring costs for years to come.
- **Prior knowledge of underlying systems** – our many years of experience with insurance implementations has given us exposure to almost all industry standard transaction processing systems covering policy administration, outwards reinsurance, actuarial and finance. This can greatly reduce the costs associated with mapping those underlying systems into our Framework models.

Why Moore Stephens?

Moore Stephens are data management specialists with an unmatched depth of knowledge of the general insurance sector. We speak and understand insurance; and so we are uniquely positioned to respond to all the issues affecting your business. If you believe – as we trust you do – that data is a critical asset for your business, we can help you unlock its full potential. Our track record speaks for itself. We have consistently delivered market leading solutions, enhancing our clients' business performance and empowering them to make better informed decisions about their future direction.

As you'd expect, our own people are highly qualified and technically second to none. They use proven technology and business intelligence systems to interpret your data, but also apply their unique creative skills to build the powerful and distinctive applications you need. And, as part of Moore Stephens, we can draw on the insight and experience of over 1,500 partners and staff in the UK, and an international network across 98 countries with over 20,000 people, including specialists in all major business functions.



It's more than just data
We turn your data into a business asset

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