



The  
Gunter  
Group™



# Actuarial Transformation

Unlock efficiency & strategic impact



# Challenging the status quo

Actuarial transformation requires a willingness to create an execution framework different from other transformation efforts.

It is necessary to stay aligned, and have a close partnership to your IT partners along with the broader data and digital transformation strategies.

However, there are opportunities to leverage the unique skillset and capabilities of the actuarial community to enable streamlined solutions and contribute value directly to the bottom line.

STREAMLINED SOLUTIONS



# Open the doors for actuarial transformation



Actuaries are some of the most talented and critical resources for insurance companies. Decades of legacy processes and applications are bogging down actuaries from contributing their full potential.

**With focus and deliberate execution, you can open the doors for actuarial transformation.**

- Create capacity for actuaries to be more strategic
- Deliver strategic and high value contributions
- Reduce risks and potential compliance issues
- Attract and retain the best actuarial talent



“It took The Gunter Group less than an hour to identify and articulate the problem we couldn’t define, but had been plaguing us for years.”

– VP of IT  
The Gunter Group Client



# Why is actuarial transformation important?

## Strategic Resource Utilization



Creating capacity for actuarial resources to focus on high-value and strategic opportunities



Increased collaboration with business units for market-driven insights and solutions

## Operational Efficiency



Reduce time spent on repetitive tasks through modern data management tools



Reduce reliance on hard to scale and support legacy applications such as Excel, Access databases and even manual processes

## Regulatory Compliance



Evolving regulatory needs such as FASB's LDTI require ongoing reporting transformations



Need to ensure accurate and timely compliance to evolving requirements to limit business disruption and avoid potential costly penalties

“TGG came in and understood our culture and our business. They saved a struggling initiative and set the state for our future success.”

– Executive  
The Gunter Group Client





# The modern actuarial toolkit

## Outdated kit

**Limits automation with poor version control and fragile workflows**

- Access databases
- Excel Macros
- Tables & Graphs

**Struggles to scale and meet integration demands**

- Oracle
- Toad
- Legacy On-Prem Database

**Slows down innovation and hard to adapt quickly to changing environments**

- Manual Processes
- SAS
- VBA

**Locks teams into rigid models and proprietary formats**

- Legacy Actuarial Software



## Modern kit

**Better data integrity, automation, and governance compliance**

- SQL
- Power BI
- Tableau

**Faster data processing, cloud scalability, and real-time analytics**

- Databricks
- Snowflake
- BigQuery
- Redshift

**Shifting actuarial resources focus to high-value insights & innovation**

- Python
- R
- Dataiku
- Alteryx

**More flexible, scalable and AI-enhanced actuarial modeling**

- Azure ML
- AWS SageMaker



# Actuarial transformation is tough

**Only 30% of digital transformation initiatives are successful** in meeting or exceeding their objectives. Companies who prioritize actuarial transformation programs and align the program goals to business objectives can significantly improve success rates.



## Biggest obstacles to success

You should have a clear plan for addressing these from the start. However, it is not uncommon to need to pause and address mid-project to help achieve your outcomes.

- Resistance to change
- Insufficient SME engagement
- Lack of clear leadership
- Inflexible delivery methods
- Inadequate data quality

# Key challenges and considerations



## 1.8x

Digital leaders for Insurance companies report achieving earnings growth of 1.8 times higher when effectively using data and analytics.

Companies that modernize their data infrastructure and embrace actuarial transformation can unlock innovation and deliver significant revenue growth.

[Source: bcg.com](https://www.bcg.com)

## 15%

Automating repetitive actuarial tasks can reduce operational expenses on the low end by 15%.

There are many obstacles preventing optimal transformation. Vision, governance and data foundation lay the groundwork for teams ability to execute.

[Source: casact.org](https://www.casact.org)

## 90%

Automating repetitive actuarial tasks can reduce operational expenses on the high end by 90%.

Companies that fully embrace actuarial transformation can enhance speed, accuracy and scalability which positions themselves for a long-term competitive advantage.

[Source: casact.org](https://www.casact.org)

## 25%

A survey by the Casualty Actuarial Society revealed that ~25% of actuaries' time is spent addressing data quality issues.

Poor data quality consumes valuable time to address and limits scope and potential. however, proactively addressing the key data sources can accelerate your actuarial transformation.

[Source: casact.org](https://www.casact.org)



# Why partner with The Gunter Group?



## Proven expertise in actuarial transformation

- Experience working on transformational projects across insurance and financial service organizations
- Deep understanding of regulatory challenges and enterprise data management



## Comprehensive support model

- We are skilled in the transformation lifecycle: from strategy and planning to execution, adoption and training
- Dedicated resources that integrated seamlessly into actuarial teams and organization culture



## Cost-effective strategic partner

- Comparable expertise at 2-3X lower cost than competitor actuarial consulting firms
- Utility player consultants who shift for the current delivery needs of the project (we say yes - get the job done)
- Ready to shift and do the most important work at the needed time. Key roles: actuarial developer, data scientist, product management, program management, CMO, etc.



# Next steps

We would love to have a conversation to understand where you are in your journey and to discuss how The Gunter Group can help you achieve your business goals.

## Initial conversation

Let's discuss your critical business goals and have subsequent conversations with experts based on where focus is most needed.

## Health assessment

Are you struggling to achieve your business outcomes? Are you uncertain where to start or if you're ready for a major initiative that's about to start?

## Proof of concept

Do you have a few quick hit actuarial transformation needs? Let's talk about doing a quick POC to showcase the value we can deliver with our partnership.

## Strategy & planning approach

Do you know you need to transform and want help creating your business case and program plan? Deliver with our partnership.

## Execute & create value together

Are you ready to pump new energy, expertise and skills into your program? Let's talk about the key capabilities The Gunter Group can supply your initiative.



Thoughtful action.  
Tangible results.

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