

70% Efficiency Improvement: Transforming IFRS 17 Reporting at Guardrisk

AT A GLANCE

CHALLENGE

Guardrisk wanted to reimagine their IFRS 17 reporting by:

- Reducing reliance on spreadsheets and manual processes.
- Simplifying multiple modelling environments.
- Strengthening auditability and governance.
- Accelerating reporting cycles for cell captive clients.
- Building a scalable platform for future growth.

APPROACH

MBE led a three-stream transformation programme, combining deep IFRS 17 expertise with technology-enabled solutions:

Model Workspace Optimisation

- Consolidated 8 modelling workspaces into a single environment.
- Embedded aggregate-level policy calculations to reduce duplication.
- Automated assumption management and improved data traceability for full transparency.

Impact: A cleaner, more efficient modelling space that frees actuarial teams to focus on insight rather than reconciliation.

IFRS 17 Results Production Improvement

- Embedded cohort-level reporting within model runs, eliminating the need for manual Excel post-processing.
- Automated ingestion, mapping and aggregation of results.
- Centralised results database with full auditability.

Impact: Faster, more reliable production cycles with stronger governance.

Database Integration & Automation

- Automated subledger integration through database-to-database pipelines
- Added configuration controls and validation checks.
- Scaled infrastructure to support current operations and new cells onboarding.

Impact: Future-ready data platform joining resilience with agility.

RESULTS

- Up to 70% faster processing (24h → 8h; 8h → 2h).
- 108 manual files reduced to 9 structured datasets.
- Immediate cohort-level results, no Excel post-processing.
- Audit-ready pipelines with improved governance and transparency.
- Enhanced agility for onboarding new cells and delivering insights.

Challenges

- Manual processes and multiple modelling environments.
- Lengthy run times and limited agility.
- Complex audit and governance requirements.

Results

- 70% reduction in run times.
- 8 workspaces consolidated to 1.
- 108 manual files reduced to 9 datasets.
- Automated, scalable and audit-ready IFRS 17 reporting.



Guardrisk heavily invested in a digital transformation initiative of our IFRS 17 reporting process, with the aim of continuing to serve whilst enhancing the service that we provide to our clients. This transformation allows us to serve our clients with greater agility while maintaining the integrity and depth of our financial insights.



Chief Actuary, Guardrisk