

Product & Consulting Company in Risk and Actuarial Space

Brief and Scope

- **This Risk and Actuary Product** is a model-development environment that enables actuaries worldwide to build risk and regulatory models. The Generated Model (C/C++ Code) model with Data then executed on a machine which would take days to complete.
- **The Scope is to develop A HPC (High Performance Computing) Grid by implementing Microsoft MPI (MS-MPI) and run the Model in parallel by distributing the data across multiple nodes and thus resulting in drastic reduction of Model runtime.**

Tasks and Deliverables

- Analysis & Design of the solution
- Proof of Concept Validation
- Implementing solution by closely working with UK R&D team
- Test strategy and Test design, Test cases development.
- Test case execution and ensure the quality solution
- Bug fixing & validation