

**Deloitte.**

**XSG** Economic Scenario  
Generation

How do you  
unlock the power  
of stochastic  
models?

We're using the power of  
XSG to help firms like yours  
manage their risks and  
optimise their investments.



XSG is Deloitte's complete solution for real-world and market-consistent stochastic modelling, offering you market-leading mathematical models and total control over the scenarios you use.

### How can you use XSG?

As a real-world modelling solution, XSG can produce economic scenarios that insurers and pension funds can use for:

- **Risk quantification:** By modelling the joint dynamics of different risk types with a focus on tail-behaviour, XSG scenarios can be used in the quantification of regulatory and economic capital requirements, as well as other risk measures.
- **Asset allocation investigations:** XSG allows you to compare the relative risks and returns of different investment strategies, helping you identify optimal asset allocations and management actions.

You can choose to licence the XSG software, giving you the flexibility to create scenarios sets whenever they're required, or alternatively we can run the software for you and provide the generated scenarios. You can make use of the calibration assumptions arrived at by our team of experts, or input your own view on how economic variables will behave.

### What makes XSG different?

We developed XSG because we thought that scenario generation could be done better. In particular:

- XSG is **flexible** - the scenario files generated by XSG can link seamlessly with your actuarial modelling platform of choice.

- XSG contains powerful, **innovative models** – Other models can be tough to understand and hard to calibrate. XSG's models are transparent and designed specifically for real-world modelling applications.
- XSG gives you **control** – Thanks to the intuitive model inputs and modern, easy-to-use user interfaces, your team will be able to generate all the sets of scenarios that you require without having to be stochastic modelling experts.

### Contact us

To arrange a demonstration or find out more about how XSG could be used in your company, please get in touch:



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