

SUCCESS STORY

Cloud takes credit risk analytics to new heights



High performance computing (HPC) offers twice the speed at one-third of the cost



Cloud-native proof-of-concept built in just 10 weeks



10x increase in performance with 200 billion calculations overnight



70% reduction in processing costs

CLOUD



THE CHALLENGE

Risk is an opportunity

- This leading global bank harnesses state-of-the-art technology to stay ahead of the competition and comply with a growing body of complex legislation. As part of its digitalisation strategy it needed to move risk processing to the cloud to boost performance, reduce costs and improve agility.
- Faced with a looming compliance deadline, the bank also needed to boost its processing capacity fivefold with minimal disruption to business-as-usual. It chose GFT as its cloud transformation partner.

THE ENGAGEMENT

The power of partnership

- A team of ten GFT cloud specialists built a proof-of-concept within ten weeks to prove that Google Cloud Dataflow could process vast credit risk pricing and aggregation flows.
- The new cloud architecture replaces a sluggish, outmoded on-premise technology stack, offering a tenfold performance improvement – reaching a peak of 220 billion calculations overnight – and supports on-demand risk analysis.

THE BENEFIT

A future-ready bank

- With the new architecture, the bank enjoys increased levels of agility and responsiveness and can develop bespoke analytics tools in-house. With a shorter time-to-market, it can stay ahead of the competition and confidently meet regulatory compliance deadlines.
- HPC is now part of the business strategy – traders can calculate precise intraday risk exposures and the bank can model potential global stress scenarios, such as the impact of climate change or inflation, and align its trading book accordingly.