



## Global data and risk analytics provider modernizes and migrates mainframe applications to public cloud (AWS)

### Client

The client is a global data and risk analytics provider to the insurance, energy, specialized markets and financial services industries.

### Challenge

The client used a mainframe platform to manage its critical, revenue-generating and back-office applications. The company wanted to migrate these workloads off the mainframe to address the business risk of reduced skills to support legacy technologies; reduce costs; and convert code to modern languages that could be maintained and evolved into the future.

### Solution

We created a rapid proof of concept to migrate the client's legacy applications off the mainframe. The concept delivered high quality code to its Java and C# developers and enabled application maintainability on AWS.

The process leveraged ExperThink™\* toolchain to automate the migration of COBOL, Db2 and Model 204 to Java, C# and Postgres, producing a high quality, maintainable application solution. Working closely with the client, we moved business critical applications to the public cloud (AWS), including the client's largest mainframe CPU consuming application.

### Outcomes

- 2/3 of workload MIPS successfully migrated off the mainframe. Remaining mainframe now managed by Ensono.
- ExperSolve's automation toolset and methodology accelerated the client project start-up and execution.
- Client now best positioned to maintain applications into the future

### Technical specifications

- More than 3,000 COBOL programs with Db2 and MQ converted
- 700 Model 204 artifacts converted
- Migrated to C#, Java, Spring, Angular and Postgres on AWS, to suit development teams

