

ISHIR provides extensive support to leading Insurance Portfolio Manager to generate reports

Client

The client is a privately held insurance portfolio manager and risk advisor. They specialize in providing innovative solutions to improve profitability of property and casualty insurance companies.

Challenges

The client had policies and quotes in XML structure, which were voluminous and complicated and did not serve any purpose. On a typical day there are 50,000 policies generated during business hours. The reports that were generated from these XML files were being generated even during non-business hours and come from different states of US.

The client wanted support in processing of these policies and quotes in XML and build ability to generate reports for the end users. The client also sought help in data administration and infrastructure migration needs.

Solution

ISHIR team is supporting the client in fetching and processing records from the complicated XML format and creating meaningful reports for client's end users, which are their internal departments and other carriers. Extensive reporting support is provided using ETL and Data Warehousing.

The team developed a .NET application to read through the XML structure and through XSLT and XSD, the records are inserted in 100s of tables from one XML report. There is an automated invoice generating system that the ISHIR team built. As the invoice date is nearing, the invoice is created and sent to the required person automatically. The team also helps with inspection wherein a process runs automatically, at a specific time of the day, picks certain records and sends it to the required users to facilitate inspection.

The project has been running for over 5 years and the reporting is being shifted to SQL Server Reporting Services (SSRS) and processes are being shifted from .NET to SQL SSIS packages. The team is developing an API through GraphQL to fetch specific data as per user requirements.