

Vaco Success Story

Challenge

One of the key components within the current file processing flow to generate and transmit payroll, investment, general ledger (GL), tax and other types of files to banks, 401k providers and other external entities is no longer going to be supported in December 2020.

The legacy product being used currently handles the mapping of source data into the multiple formats of fixed-length files required by the external systems. Additionally, there is currently an over-reliance on manual review of files and a general inflexibility in data field mapping and file transfer. A re-architecting of the entire end-to-end flow is desired as part of this replacement effort.

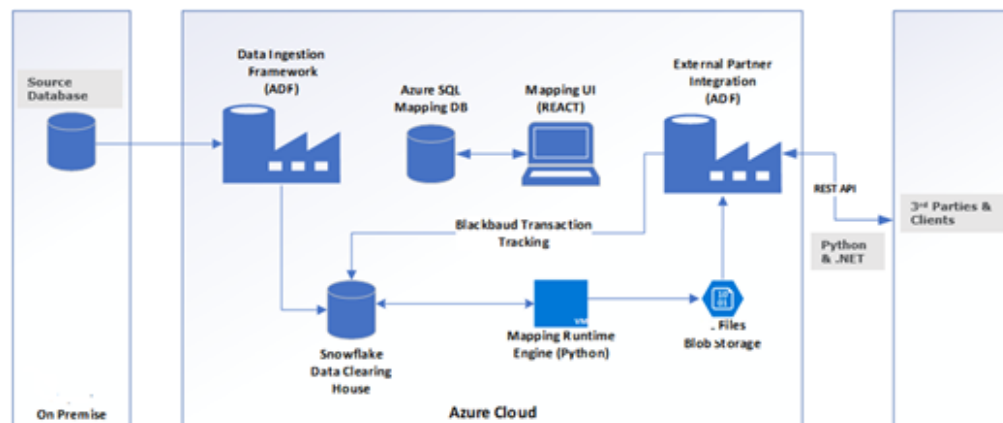
Solution

With a move to a Modern Data Architecture, utilizing the Snowflake platform, Vaco provided a solution where ingested files can be automatically piped into the Data Lake, cataloged and tagged. After the metadata of the files was captured (minutes after ingestion), a custom UI allowed for Subject Matter Experts to make any necessary adjustments. Once complete, a .NET Core wrapped Python engine packaged up the new file and sent it off to the receiving systems and portals for the company's clients to consume and create advanced analytics.

Results

Utilizing Azure Data Factory to ingest these files into an Azure hosted Snowflake Data Lake, Vaco is providing data engineering consultants, Python and .NET Core Consultants and a UI (React) consultant to develop an end to end Minimal Viable Product (MVP) solution to accomplish the following goals for our client:

- Retire Legacy Platform
- Eliminate Reliance on Manual Intervention
- Cut SLAs from Weeks to Hours
- Allow For Scalability to Create More 3rd Party Integrations to Drive Revenues and Speed To Market



COMPANY PROFILE

The client is a \$300 M firm with headquarters in Cincinnati, OH, known for delivering modern, intuitive recruiting, HR and payroll solutions, currently providing services to over 30,000 small to medium sized business across all 50 states.