

Automation of Freight Auditing Led to Savings in Procurement Costs

Summary

The client, a major automotive parts manufacturer, was using 3PL for shipping goods to customer locations. In some cases, the customer information was outdated/recorded incorrectly, or the carriers intentionally/unintentionally introduced anomalies in the ship, thus increasing costs. The solution was developed using Sancus – data quality tool to pull data from invoices and validate customer information, thereby automating the freight invoice audit process.

Approach

- ✓ Identify customers from:
 - Invoice data in ERP systems – extracted data using Intelligent Character Recognition
 - Customer information stored in ERP and CRM systems
- ✓ Validate customer information using 3rd Party APIs
- ✓ Data enrichment using 3rd Party APIs to ensure data recency
- ✓ Triangulate across Customer Information in systems, Invoice data, and Contracts using AI/ML algorithms to detect anomalies
- ✓ Report anomalies in existing systems to ensure minimal learning curve for users

Key Benefits

- ✓ The automation of the freight invoice audit process helped reduce manual work
- ✓ The accuracy of the process increased phenomenally

Results

- ✓ Saved ~300K USD in procurement cost by automating invoice audit