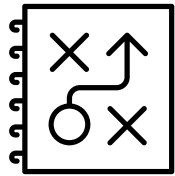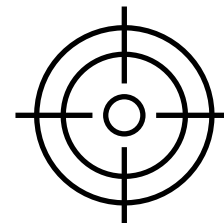# Ascension Technologies, LLC

SQL to Solve Unique Business Payment Routing Challenges
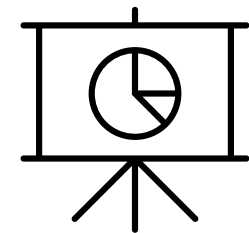
Challenge

A client engaged the Ascension Technologies IT team to build a payment processing and routing solution for their US-based providers. This complex system of routing daily ACH credits and debits to varying payment processors created significant manual workarounds to manage payment processing.

Strategy

A waterfall sequence process was designed to assign the proper processor for each transaction. Processor-specific files were subsequently generated and distributed downstream. Each file had its own unique format specification since standard NACHA 94-character files required file header and trailer records included in addition to section header and trailer records.

Result

We delivered a flexible solution that enabled streamlined payment processing and saved money as we were able to route transactions to state-specific payment processors that utilized a lower price-per-transaction cost basis.

2022