

Scheduled Reports

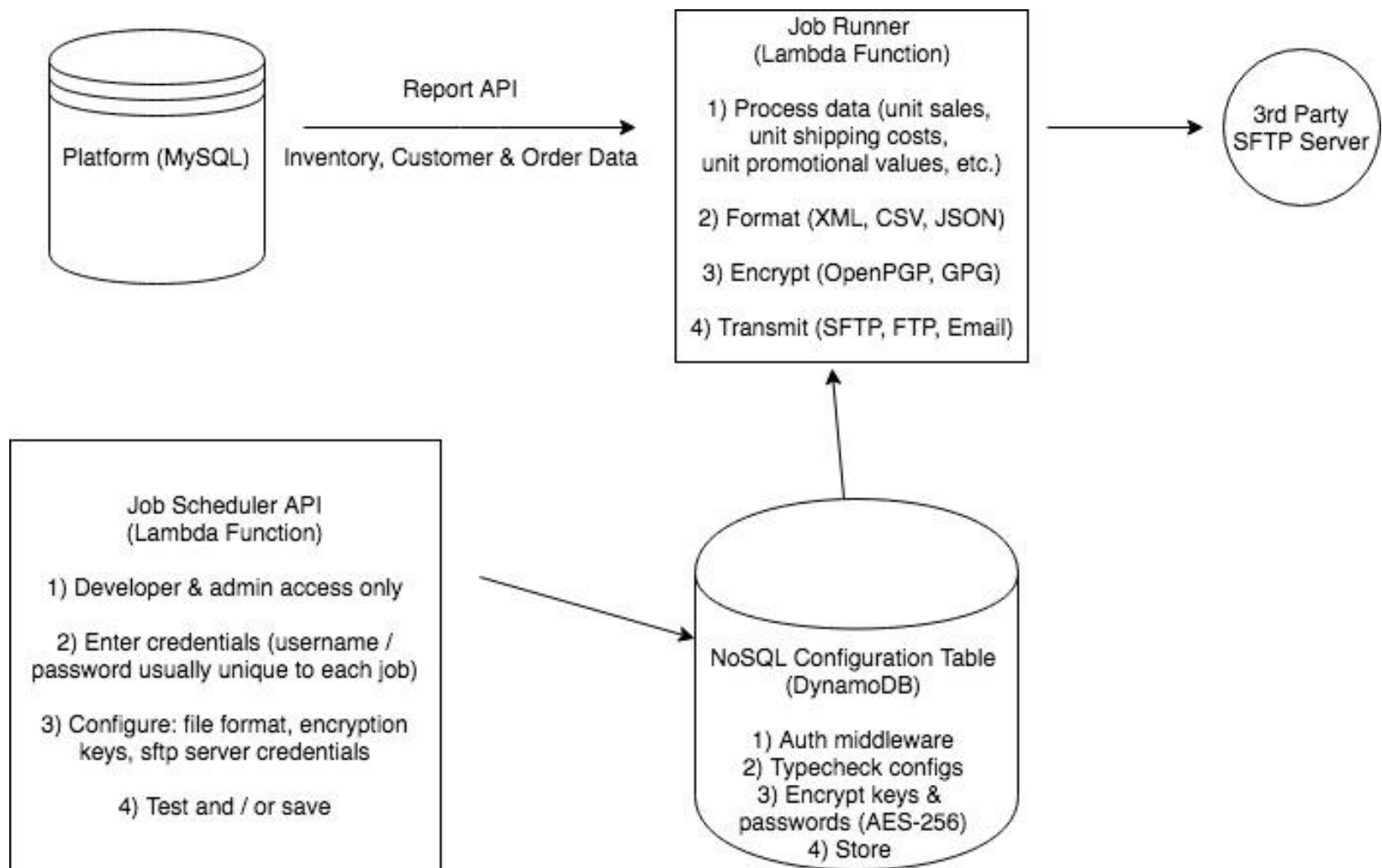
Transmitting sensitive, encrypted data to 3rd parties

Client Requirements

- 1) Reports should capture all order, inventory, and/or customer information
- 2) Delivered to a secure SFTP server
- 3) Encrypted in either OpenPGP or GPG (keys typically maintained by client)
- 4) Specific file formats, column names, and file naming conventions (XML, JSON, CSV, TSV, XLSX)

Internal Requirements

- 1) Unit testing (at least 95% branch coverage)
- 2) Realtime monitoring (Slack, SignalFX, & Email)
- 3) Granular logging (Graylog, Cloudwatch)
- 4) Configuration via UI (available only to developers & project managers)
- 5) CI / CD pipeline (Jenkins & CircleCI)



Tech Stack

Frontend:

- 1) Angular
- 2) Redux
- 3) CircleCI
- 4) Gulp

Backend:

- 1) AWS (Lambda, DynamoDB, API Gateway, IAM) and aws-sdk
- 2) Node.js
- 3) Crypto (Node library)
- 4) Jest (unit testing)
- 5) Jenkins
- 6) Internal libraries (sy-trance (Symphony Transfer) & sy-log, both developed by myself)

Profit