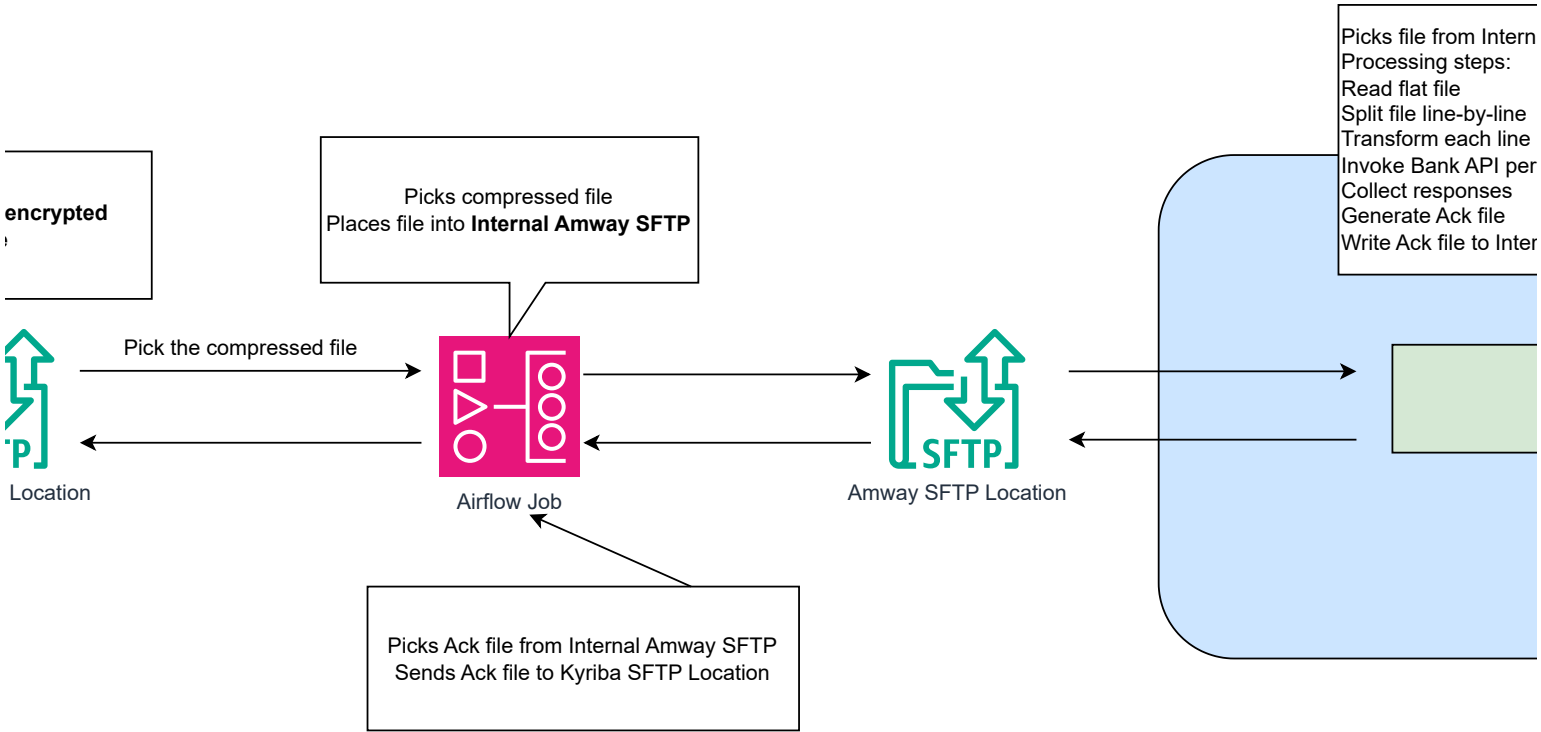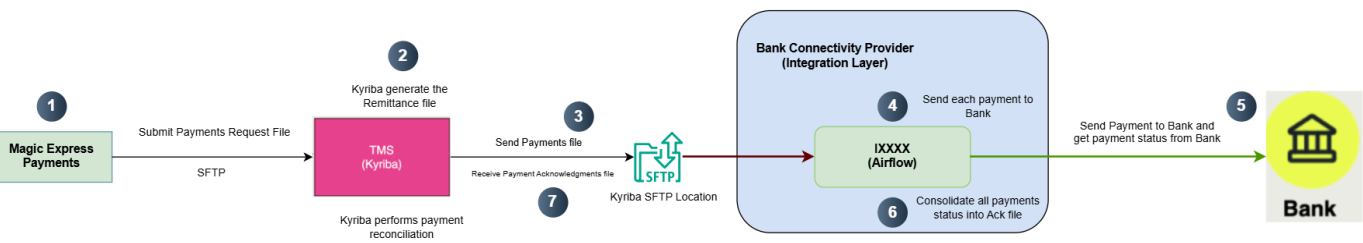Contains **compressed + ... remittance file...**
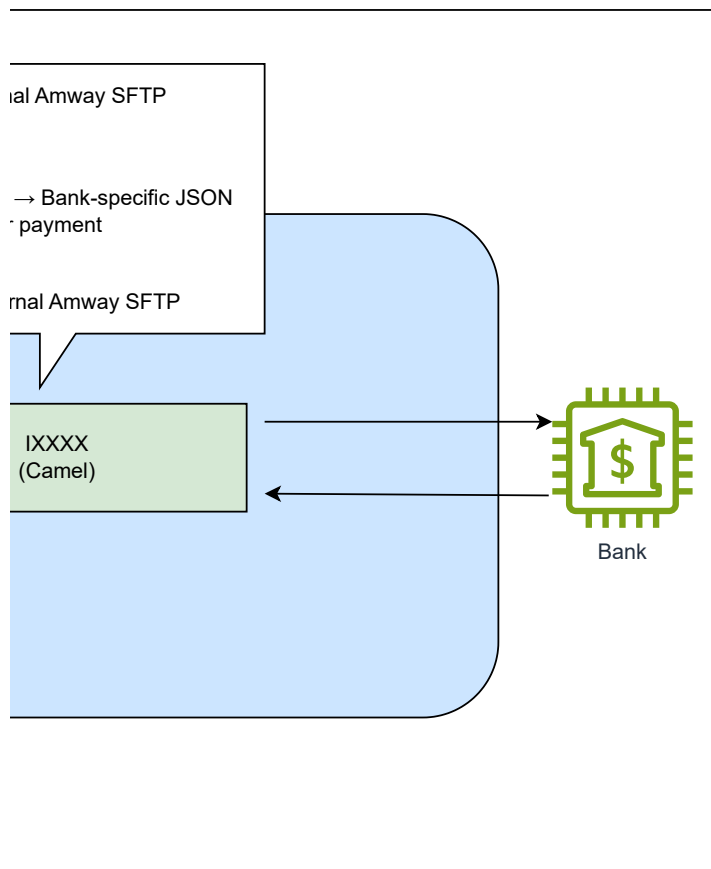
SFT...

Kyriba SFTP ...

High-level Flow

Kyriba sends a secured remittance file to Amway Integration, which parses and splits the flat file into individual payments, invokes the Bank API per payment, consolidates responses into an Ack file, and sends it back to Kyriba via SFTP for reconciliation.

Bank Connectivity Provider (Integration Layer)

1 Magic Express Payments

Submit Payments Request File

SFTP

2 Kyriba generate the Remittance file

TMS (Kyriba)

Kyriba performs payment reconciliation

Send Payments file

3

Receive Payment Acknowledgments file

7

Kyriba SFTP Location

SFTP

4 Send each payment to Bank

IXXXX (Airflow)

6 Consolidate all payments status into Ack file

5 Send Payment to Bank and get payment status from Bank

Bank

Picks file from Intern
Processing steps:
Read flat file
Split file line-by-line
Transform each line
Invoke Bank API per
Collect responses
Generate Ack file
Write Ack file to Inter

encrypted

Picks compressed file
Places file into **Internal Amway SFTP**

Pick the compressed file

Location

Airflow Job

Amway SFTP Location

SFTP

Picks Ack file from Internal Amway SFTP
Sends Ack file to Kyriba SFTP Location

Heading

nal Amway SFTP

→ Bank-specific JSON
r payment

rnal Amway SFTP

IXXXX
(Camel)

Bank

Airflow will retrieve files from the Kyriba location and place them in the internal Amway location.

There are two possible approaches:

1. Simply move the files as-is.

2. Extract the files and then place the extracted content in the internal location (this can be handled easily by Airflow).

From the internal location, Apache Camel will pick up the files, invoke the bank APIs, collect the responses, and store the responses back in the internal location

Airflow will then pick up the processed files from the internal location and send them back to the Kyriba location.

Open questions / considerations:

1. After receiving bank responses (ACK files), should they be sent back in compressed format or as original files?

2. If Kyriba sends compressed files, how many files are expected inside each archive?

3. Sample input and output files are required for development and testing.

4. For decryption, we need the public key, password, and public key ID.

1.