Data Mapping Sheet

Project: [Enter Project Name Here]
Revision: 1.0
Date: April 22, 2025
Prepared By: [Your Name or Role]

# 1. Source System

System Name: [e.g., OpenBoxes]
System Description: [Briefly describe the system’s purpose and data role]

# 2. Target System

System Name: [e.g., ShipStation]
System Description: [Briefly describe the system’s purpose and data role]

# 3. Integration Objective

Describe what this integration is intended to accomplish in one paragraph.

# 4. Data Mapping Table

Each row should map a source field to a target field. Include notes on format, units, transformations, and validations.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source Field (System A) | Target Field (System B) | Transformation/Mapping Logic | Validation Rules | Notes/Comments |
| [stockMovement.identifier] | [orderNumber] | Direct copy | Must be unique | Used to match orders between systems |

# 5. Format Notes and Default Values

Detail any special formatting, expected data types, units of measure, or default values.

# 6. API Endpoints and Webhook Events

List all relevant API endpoints used for this integration and describe any webhook listeners configured.

Example:
- POST /orders/createorder (ShipStation)
- Webhook SHIP\_NOTIFY to OpenBoxes

# 7. Business Rules and Sync Logic

Describe when and how data flows. Outline logic such as order status triggers, validation requirements, and how voids or updates are handled.

# 8. Error Handling and Retry Strategy

Explain how to handle failed API calls, webhooks, and what retry strategies to use.

# 9. Approval and Change Tracking

Track who approved the mappings and maintain a history of revisions.