

TES x ODOO Integration Document

APIs & Responsibilities

Integration Point	API #	Touchpoint	Status	Fields	Information Flow	API Provider
Stock In	1	Transfer request generated in Odoo	Complete & Provided	1. SKU	Odoo push to TES	TES
				2. Qty		
				3. Dispatch location name		
				4. Stock Transfer ID		
	2	Stock update sent to Odoo	Pending	1. SKU	TES Push final stock update to Odoo	Odoo
				2. Received Qty		
				3. Stock Transfer ID		
Stock Out	3	Transfer request generated in Odoo	Complete & Provided	1. SKU Code	Odoo push to TES	TES
				2. Qty		
				3. Incoming Location		
				4. Transfer ID		
	4	Stock update sent to Odoo	Pending	1. SKU Code	TES Push final stock update to Odoo	Odoo
				2. Dispatched Qty		
				3. Transfer ID		
Order Fulfilment	5	Sales Invoice Generated in Odoo	Pending	1. Shopify shipment number	Odoo push to TES	Odoo
				2. Mode of payment		
				3. Product qty		
				4. Discount		
				5. Customer name		
				6. Customer number		
				7. Customer address		
	6	Invoice Printed in TES	Pending	1. Shopify shipment number	Odoo push response to TES	Odoo
				2. Invoice Number		
				3. QR Code		
Order Return	7	Return Order information sent too Odoo	Pending	1. Shopify shipment number	TES push to Odoo	Odoo
				2. Odoo Invoice Number		
Stock Transfer Cancel	8	Cancel Stock Transfer Request	Timeline Friday 4 Dec	1. Stock Transfer ID	Odoo push to TES	TES
				2. SKU ID		

Process Document

- All text below is as per original email shared
- Red colored text are new additions
- Yellow highlighted are APIs to be shared by TES
- Grey highlighted are APIs to be shared by Odoo

Stock In process

1. Transfer requested triggered to sender location in Odoo as per minimal stock level
2. **User will approve the stock transfer qty**
3. Dispatch location ~~physically scan each item~~ and dispatch to EST (in Odoo and physically)
4. **EST Odoo push transfer details (SKU + Qty) to TES (API #1 – already shared)**
5. TES conduct GRN Process
 - a. If less inventory received it is OK
 - b. If excess inventory received it will be physically transferred back
6. TES Push actual receive Qty to EST Odoo **(API #2)**
7. EST Odoo receive inventory
8. Stock transfer request closed & balance inventory remains **In Transit** location in Odoo

Stock Out Process

1. Stock transfer request generated in Odoo & triggered to EST Odoo
2. **User will approve the stock transfer qty**
3. **EST Odoo push to TES (API #3 – already shared)**
4. TES reduce available stock from Shopify
5. TES Scan available items
6. TES push available transferred qty to Odoo EST and physically transfer inventory out to receiving location **(API #4)**
7. EST Odoo push transferred qty to receiving location
8. Receiving location ~~physically scan each item &~~ close stock transfer
 - a. If less inventory received it will be parked to **In Transit** location in Odoo
 - b. If excess inventory received it will be physically transferred back

Order Fulfilment

1. Airway bill generated in TES
2. **Button to generate invoice is clicked in TES**
3. Order details pushed to Odoo from TES for invoice generation **(API #5)**
4. Invoice generated in Odoo & inventory reduced
5. FBR Invoice # and QR Code pushed to TES from Odoo **(API #6)**
6. Sales invoice printed from TES
7. Order physically dispatched

Return Shipment

1. TCS Physically return parcel to EST WH
2. Order Scanned into TES as refusal
3. Shopify stock updated by TES
4. **EST Odoo pull refusal details from TES (API #7)**
5. Sale Return punched in EST Odoo

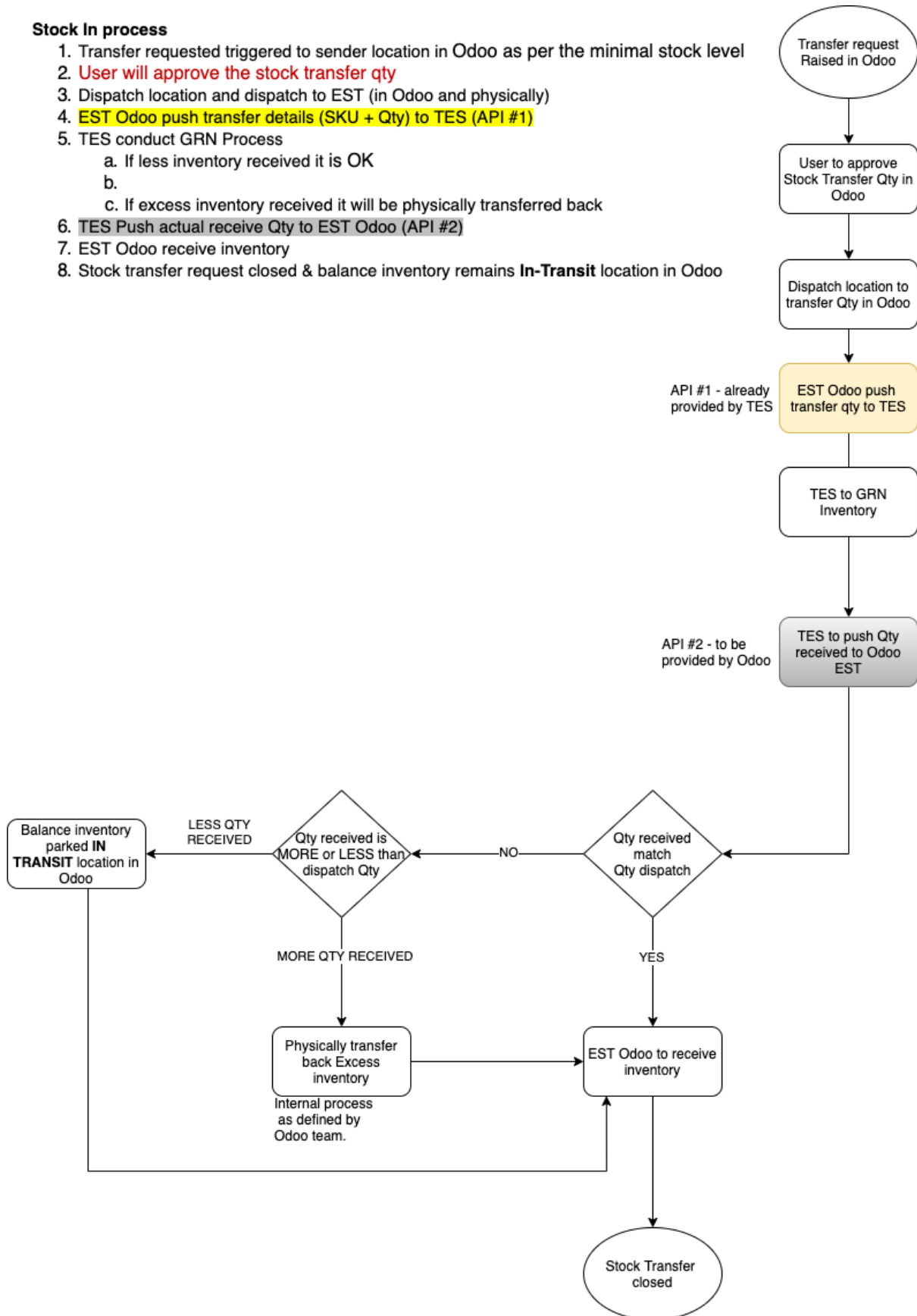
Cancel Stock Transfer

1. User to cancel stock transfer Qty for particular SKU
2. **Odoo push request to TES (API #8)**
3. TES to update Shopify stock qty

STOCK TRANSFER IN PROCESS

Stock In process

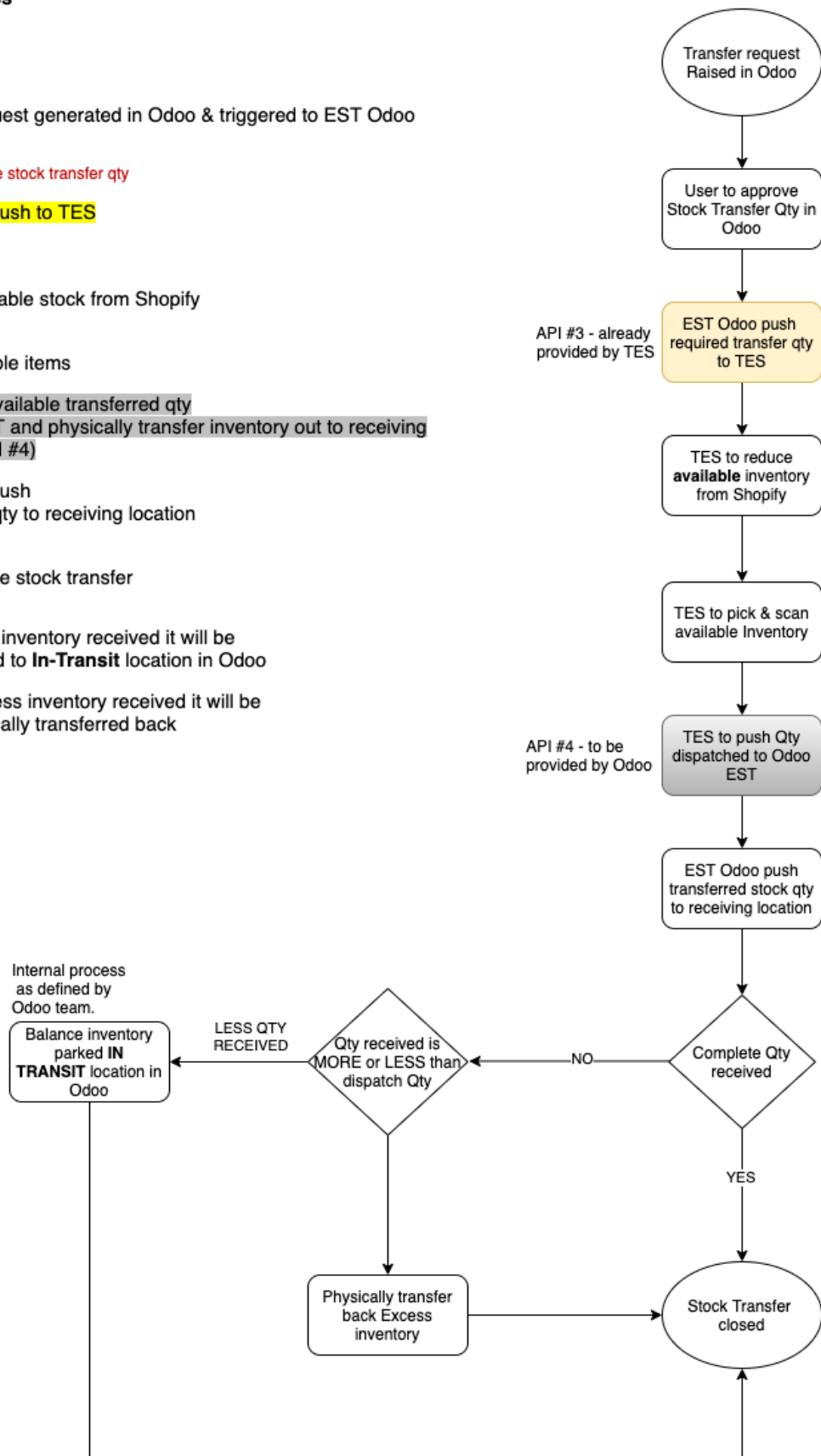
1. Transfer requested triggered to sender location in Odoo as per the minimal stock level
2. **User will approve the stock transfer qty**
3. Dispatch location and dispatch to EST (in Odoo and physically)
4. **EST Odoo push transfer details (SKU + Qty) to TES (API #1)**
5. TES conduct GRN Process
 - a. If less inventory received it is OK
 - b.
 - c. If excess inventory received it will be physically transferred back
6. **TES Push actual receive Qty to EST Odoo (API #2)**
7. EST Odoo receive inventory
8. Stock transfer request closed & balance inventory remains **In-Transit** location in Odoo



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Stock Out Process

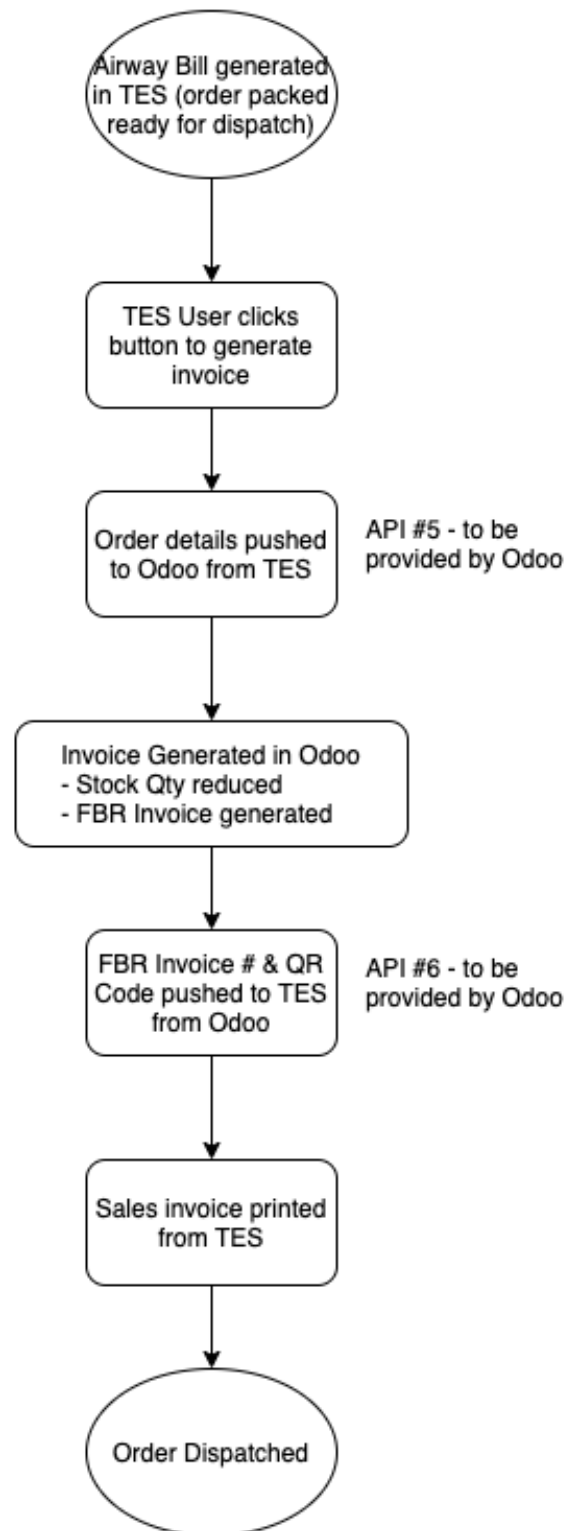
1. Stock transfer request generated in Odoo & triggered to EST Odoo
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3. EST Odoo push to TES (API #3)
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5. TES Scan available items
6. TES push available transferred qty to Odoo EST and physically transfer inventory out to receiving location (API #4)
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8. Receiving location close stock transfer
 - a. If less inventory received it will be parked to **In-Transit** location in Odoo
 - b. If excess inventory received it will be physically transferred back



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Order Fulfilment

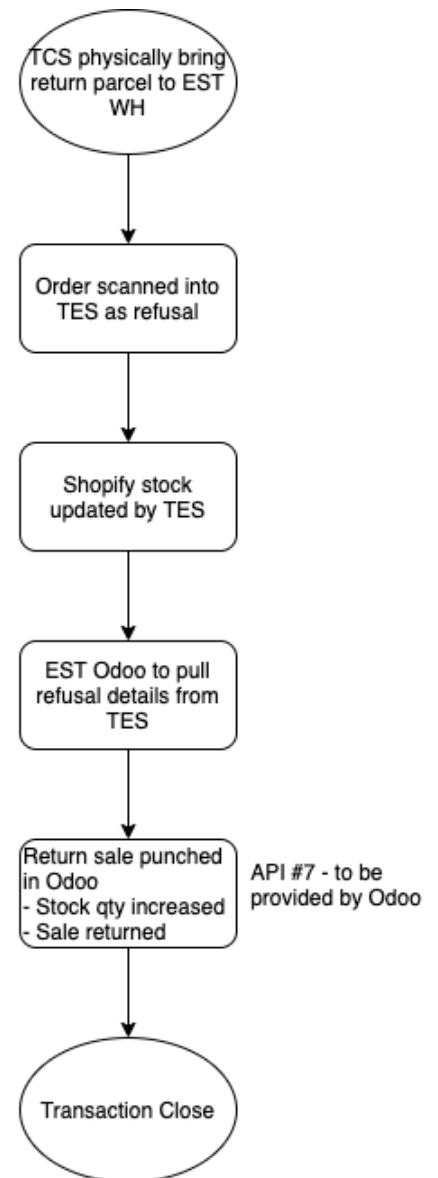
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2. Button to generate invoice is clicked in TES
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6. Sales invoice printed from TES
7. Order physically dispatched



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Return Shipment

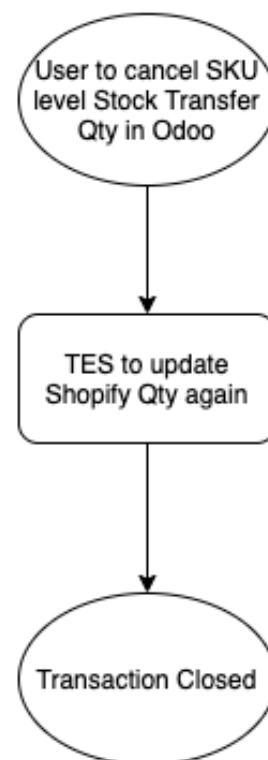
1. TCS Physically return parcel to EST WH
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3. Shopify stock updated by TES
4. EST Odoo pull refusal details from TES (API #7)
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Cancel Stock Transfer

1. User to cancel stock transfer Qty for particular SKU
2. Odoo push request to TES (API #8)
3. TES to update Shopify stock qty



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