



GREENFIELD

08-MAY-2021 P2P JIRA DEPLOYMENTS



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- Following P2P story was deployed over the weekend of **08 May 2021**
- ❖ D2P-1429 MSI SOI Consolidation Report – Enhancement

Understanding the new columns in Report



- ❖ Leveraging on Existing MSI Consolidation Report
- ❖ Following Fields were added with automated computation
 - Total Qty Moved to MOI
 - Cumulative SOI Qty Rcvd
 - SOI Balance after Move Orders
 - Status (Moved, Aged, Not Aged)
 - Consumption Advice VS Pack Slip – Qty
- ❖ Applying logic based on Cumulative SOI received – Cumulative MOI drawdown (FIFO), we tabulate the running balance SOI inventory.
- ❖ Balance SOI inventory will indicate if it has been Moved, Aged, or Not Aged. (Aged days based on Aging Days which can be set at Supplier Level) (Default Age Days is 70)
- ❖ Supplier will be able to reconcile their Pack List vs Consumption Advice PO Invoices

Understanding the Calculated Columns



A B C E G K L M N O R T U X AB AJ AK AL AM AN AO

Supplier Name: ABC Limited
 Supplier Site: ESOI
 Organization Code: US2
 From Date: 01-MAR-18
 To Date: 03-MAY-21
 Age Days: 70

Age Days – Use to calculate Aged/No Age (Column AM)

SOI Balance after Move Order = Delta of Running SOI Rcvd – MOI Rcvd

Indication of CA Invoice vs Supplier Pack Slip

Inventory Org	Site	Item	Txn Type	SOI PO Number	SOI Receipt Number	SOI Qty Rcvd	SOI Cumulative Qty Rcvd	SOI Transaction Date	SOI Packing List	Aged Inventory Days	Qty Moved to MOI	Cumulative Qty Moved to MOI	Snapshot of SOI Current	Consumption Advice Number	Total Qty Moved to MOI	Cumulative SOI Qty Rcvd	SOI Balance after Move Orders	Status	Consumption Advice VS Pack Slip	Qty
US2	ESOI	NNTNABC123	SOI	CQ95433742_SOI	722505	24	24	5-Dec-20	12007340	148			960		600	24	0	Moved		
US2	ESOI	NNTNABC123	MOI								24	24	960	CQ95442880_CA					12007340-24	24
US2	ESOI	NNTNABC123	SOI	CQ95434377_SOI	724475	576	600	12-Dec-20	12007394	141			960		600	600	0	Moved		
US2	ESOI	NNTNABC123	SOI	CQ95434377_SOI	724475	576	1176	12-Dec-20	12007394	141			960		600	1176	576	Aged		
US2	ESOI	NNTNABC123	SOI	CQ95434377_SOI	724475	384	1560	12-Dec-20	12007394	141			960		600	1560	960	Aged		
US2	ESOI	NNTNABC123	MOI								384	408	960	CQ95448224_CA					12007394-384	384
US2	ESOI	NNTNABC123	MOI								192	600	960	CQ95448224_CA					12007394-192	192

Status = Moved, Aged, Not Aged based on Running SOI Balance and Aged Days

Understanding the Calculated Columns



Supplier Name: ABC Limited

Supplier Site: ESOI

Organization Code: US2

From Date: 01-MAR-18

To Date: 03-MAY-21

Age Days: 70

In the example below, 24 pcs NNTNABC123 under Pack List 12007340 have been received in SOI, Moved and paid under CA # CQ95442880_CA

Inventory Org	Site	Item	Txn Type	SOI PO Number	SOI Receipt Number	SOI Qty Rcvd	SOI Cumulative Qty Rcvd	SOI Transaction Date	SOI Packing List	Aged Inventory Days	Qty Moved to MOI	Cumulative Qty Moved to MOI	Snapshot of SOI Current	Consumption Advice Number	Total Qty Moved to MOI	Cumulative SOI Qty Rcvd	SOI Balance after Move Orders	Status	Consumption Advice VS Pack Slip	Qty
US2	ESOI	NNTNABC123	SOI	CQ95433742_SOI	722505	24	24	5-Dec-20	12007340	148			960		600	24	0	Moved		
US2	ESOI	NNTNABC123	MOI								24	24	960	CQ95442880_CA					12007340-24	24
US2	ESOI	NNTNABC123	SOI	CQ95434377_SOI	724475	576	600	12-Dec-20	12007394	141			960		600	600	0	Moved		
US2	ESOI	NNTNABC123	SOI	CQ95434377_SOI	724475	576	1176	12-Dec-20	12007394	141			960		600	1176	576	Aged		
US2	ESOI	NNTNABC123	SOI	CQ95434377_SOI	724475	384	1560	12-Dec-20	12007394	141			960		600	1560	960	Aged		
US2	ESOI	NNTNABC123	MOI								384	408	960	CQ95448224_CA					12007394-384	384
US2	ESOI	NNTNABC123	MOI								192	600	960	CQ95448224_CA					12007394-192	192



Known Limitations

It has to be noted that MSI does not track inventory (Received & Moved) by individual lot by lot transactions. ie, the MOI moves just draws down the SOI inventory, it is not tracked at individual Packing List level.

This report is formulated based on the logic of using a running Cumulative SOI receipt vs running Cumulative SOI , and netting it towards the Packing List, to get a comparison.

Item	Txn Type	SOI PO Number	SOI PO Line Number	SOI Movement L	SOI Qty Rcvd	SOI Cumulative Qty Rcvd	SOI Transaction Date	SOI Packing List	Aged Inventory Days	Qty Moved to MOI	Cumulative Qty Moved to MOI	MOI Transaction Date	Total Qty Moved to MOI	Cumulative SOI Qty Rcvd	SOI Balance after Move Orders	Status	Consumption Advice VS Pack Slip	Qty	
PMLN50ABCD	SOI	CQ95435522_SOI	1	1	1200	7800	16-Dec-20	12007494	139				6600	6600	0	Moved			
PMLN50ABCD	SOI	CQ95434365_SOI	1	1	6600	6600	16-Dec-20	12007455	139				6600	7800	1200	Not_Aged			
PMLN50ABCD	SOI	CQ95434376_SOI	1	1	2000	9800	17-Dec-20	12007483	138				6600	9800	3200	Not_Aged			
PMLN50ABCD	SOI	CQ95435522_SOI	1	2	800	10600	18-Dec-20	12007518	137				6600	10600	4000	Not_Aged			
PMLN50ABCD	MOI									1200	1200	17-Dec-20						12007455-1200	1200
PMLN50ABCD	MOI									1200	2400	17-Dec-20						12007455-1200	1200
PMLN50ABCD	MOI									2000	4400	17-Dec-20						12007455-2000	2000
PMLN50ABCD	MOI									2200	6600	17-Dec-20						12007455-2200	2200

When the MOI transaction is triggered, the next SOI packing slip based on Receipt ID, will be selected to match with consumption advise, the quantity of packing slip will be utilize before moving to next packing slip

Known Limitations



In this example packing slip 12007328, 1,400 have already been moved, but the report is **not** able to split the Status to (Moved - 300pcs & Aged 1,000pcs) in a **Single Line**.

❖ Aging Status might not be accurate if there is a partial SOI Balance after Move Orders

Item	Txn Type	SOI PO Number	SOI PO Line Number	SOI PO Shipment Line Number	SOI Qty Rcvd	SOI Cumulative Qty Rcvd	SOI Transaction Date	SOI Packing List	Aged Inventory Days	Qty Moved to MOI	Cumulative Qty Moved to MOI	MOI Transaction Date	Total Qty Moved to MOI	Cumulative SOI Qty Rcvd	SOI Balance after Move Orders	Status	Consumption Advice VS Pack Slip	Qty
PMMN40ABCL	SOI	CQ95433829_SOI	1	1	450	450	28-Nov-20	12007328	157				3000	450	0	Moved		
PMMN40ABCL	SOI	CQ95433829_SOI	1	1	500	950	28-Nov-20	12007328	157				3000	950	0	Moved		
PMMN40ABCL	SOI	CQ95433829_SOI	1	1	150	1100	28-Nov-20	12007328	157				3000	1100	0	Moved		
PMMN40ABCL	SOI	CQ95433829_SOI	1	1	600	1700	28-Nov-20	12007328	157				3000	1700	1300	Aged		
PMMN40ABCL	SOI	CQ95433829_SOI	1	1	600	2300	28-Nov-20	12007328	157				3000	2300	700	Aged		
PMMN40ABCL	SOI	CQ95433829_SOI	1	1	100	2400	28-Nov-20	12007328	157				3000	2400	600	Aged		
PMMN40ABCL	SOI	CQ95433831_SOI	1	1	600	3000	28-Nov-20	12007336	157				3000	3000	0	Moved		
PMMN40ABCL	SOI	CQ95433831_SOI	1	1	400	3400	28-Nov-20	12007336	157				3000	3400	0	Moved		
PMMN40ABCL	SOI	CQ95433831_SOI	1	1	600	4000	28-Nov-20	12007336	157				3000	4000	0	Moved		
PMMN40ABCL	SOI	CQ95433825_SOI	1	1	600	4600	3-Dec-20	12007371	152				3000	4600	1600	Aged		
PMMN40ABCL	SOI	CQ95433825_SOI	1	1	400	5000	3-Dec-20	12007371	152				3000	5000	2000	Aged		
PMMN40ABCL	SOI	CQ95433825_SOI	1	1	600	5600	3-Dec-20	12007371	152				3000	5600	2600	Aged		
PMMN40ABCL	SOI	CQ95434408_SOI	1	1	600	6200	7-Dec-20	12007414	148				3000	6200	3200	Not_Aged		
PMMN40ABCL	SOI	CQ95434408_SOI	1	1	481	6681	7-Dec-20	12007414	148				3000	6681	3681	Not_Aged		
PMMN40ABCL	SOI	CQ95434408_SOI	1	1	600	7281	7-Dec-20	12007414	148				3000	7281	4281	Not_Aged		
PMMN40ABCL	SOI	CQ95434408_SOI	1	1	400	7681	7-Dec-20	12007414	148				3000	7681	4681	Not_Aged		
PMMN40ABCL	MOI									500	500	30-Nov-20					12007336-500	500
PMMN40ABCL	MOI									100	600	30-Nov-20					12007336-100	100
PMMN40ABCL	MOI									450	1050	2-Dec-20					12007336-450	450
PMMN40ABCL	MOI									150	1200	2-Dec-20					12007336-150	150
PMMN40ABCL	MOI									150	1350	5-Dec-20					12007336-150	150
PMMN40ABCL	MOI									350	1700	5-Dec-20					12007336-250,12007328-100	350
PMMN40ABCL	MOI									100	1800	5-Dec-20					12007328-100	100
PMMN40ABCL	MOI									450	2250	11-Dec-20					12007328-450	450
PMMN40ABCL	MOI									50	2300	14-Dec-20					12007328-50	50
PMMN40ABCL	MOI									100	2400	14-Dec-20					12007328-100	100
PMMN40ABCL	MOI									400	2800	14-Dec-20					12007328-400	400
PMMN40ABCL	MOI									200	3000	14-Dec-20					12007328-200	200

PS# 12007328 Shows Moved Ttl = 1,100

Actual Move Ttl MOI = 1,400

