

# d. Supersession TS PA

**General Objective :** For Polymer Additives, for the same product, the material code is different depending on the sourcing.

Today the sourcing management for these materials is done in DIP using a supersession.

This is done in 3 steps :

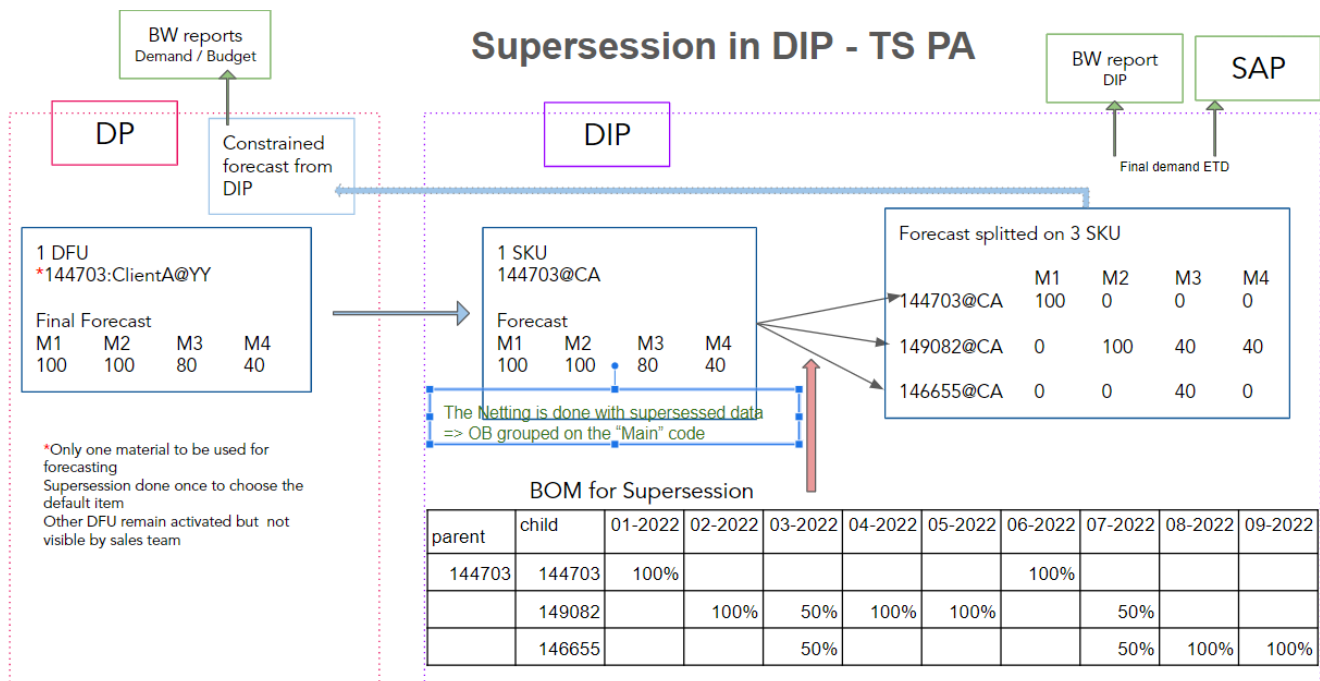
**1/** A supersession is done in DP => Forecast on 1 code only

**2/** in DIP, the netting is done with data (Forecast and Order Book) grouped on the "main" code.

It is as if the netting was done at Product Group@shipto level.

**3/** The final demand after netting can be splitted on the different codes with Proration % input by the user (monthly bucket)

The sales requirements for each material@shipto is recalculated. /!\ Order book is considered as a minimum for each material, except if the cancel order option has been ticked.



A condition allows to filter the relevant SKU = Multisourced customer

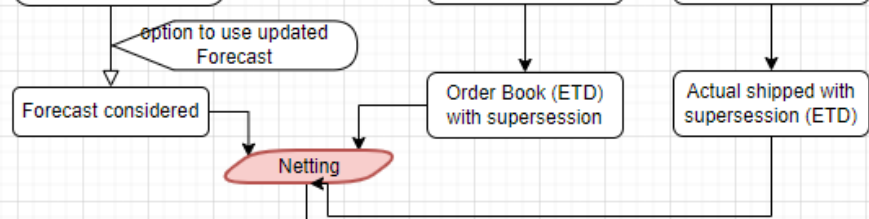
A SKU is flagged as Multisourced customer if :

- Its Product Group\*Site is linked to several MPS
- Its Product Group\*Site has substituted items in DP

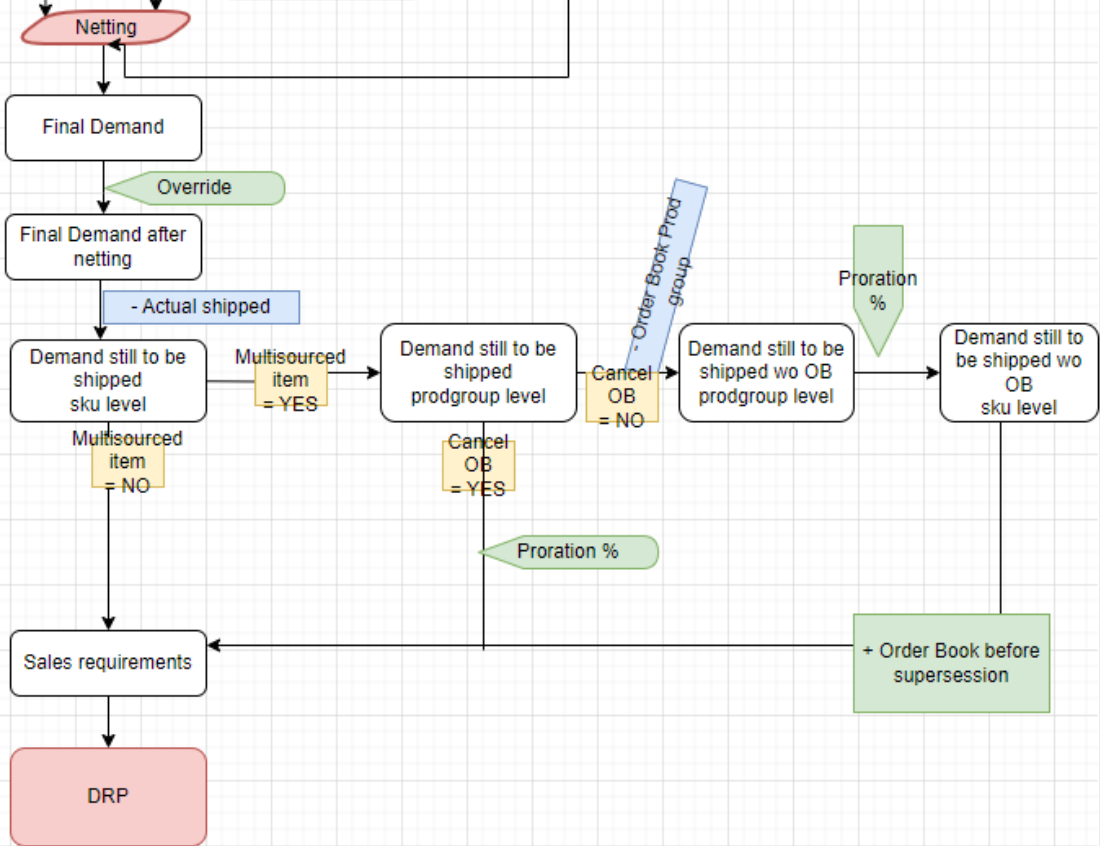
More details in this [doc](#)

Design in DIP :

U00 - Estimated Actuals  
(Final Forecast (ETD) Archive on 8th)



Multisourced item = product group\*site with several material codes + substitution



Example for one Product group \* Site :

Logic of calculation

Codes	Supersession in DP	Final demand from DP			Actual shipped			Order Book from SAP			Order Book after supersession			Forecast to be splitted depending on the proration % @ productGroup level = Final demand - Order Book			Proration % by material			Forecast by material after proration%			Sales requirement by material = Forecast by material + Order Book from SAP		
		Oct	Nov	Dec	Oct	Nov	Dec	Oct	Nov	Dec	Oct	Nov	Dec	Oct	Nov	Dec	Oct	Nov	Dec	Oct	Nov	Dec	Oct	Nov	Dec
152907R@2079378R	substituted code	0	0	0	0	0	0	40	15	0	0	0	0	0	0	0	100%	100%	0%	0	15	0	40	30	0
145079R@2079378R	'generic' code	40	30	15	0	0	0	0	0	0	40	15	0	0	0	0	0%	0%	100%	0	0	15	0	0	15
Total @ Product Group 90073291		40	30	15	0	0	0	40	15	0	40	15	0	0	0	15	15								

For other explanations and examples, see the linked wiki page in the user's Wiki :

f. Supersession PA - multiple codes for sourcing management