

5.2 - DynaSys => SAP interface

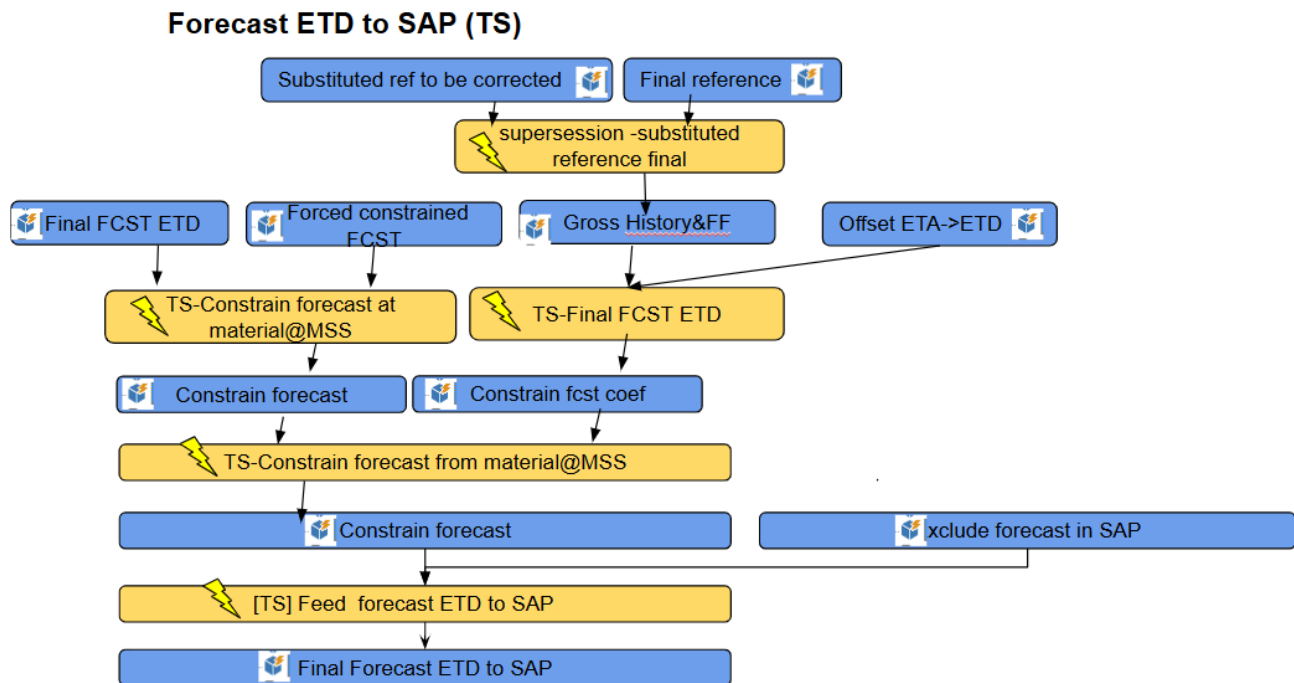
- a. Data fields and Calculations in Dynasys
- b. Forecast export to SAP
- c. Import in SAP
- d. Manual output the forecast from Dynasys to SAP
- e. Verify the forecast in SAP
- f. Forecast Individually checking

a. Data fields and Calculations in Dynasys

The Final forecast is elaborated though several successive calculations

Example of TS :

Forecast ETD to SAP



b. Forecast export to SAP

Files for SAP are generated at different frequencies and time slots, depending on the GBU.

MFT is in charge of catching files from Dynasys server.

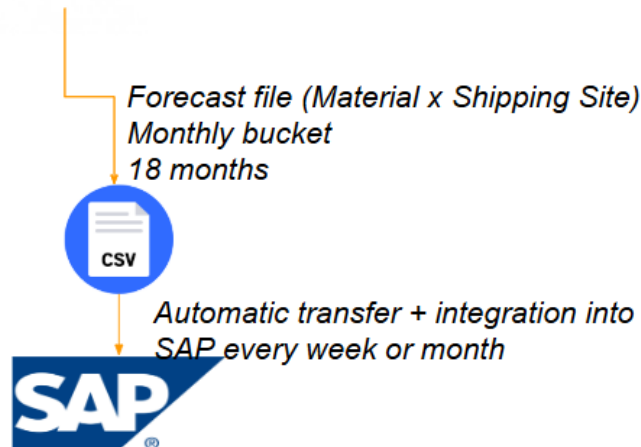
Instance	GBU	Frequency	Job	Approximative Running time (CET)	Data exported	How
DIP1	TS	Every 1st and 6th of the month	Dscp DIP1 Daily BW export (at the end of the dynamic)	8am CET	Final forecast ETD	through MFT
DIP1	TS	Every Sunday	Dscp DIP1 Weekly	midday	Final forecast ETD	through MFT
DP2	Composite	Manual flag in DSCP (mid month)			Final forecast	through MFT
		+				
		Every weekday	Dscp DP2 Daily Dynamic	6.30am		
		Every Saturday	Dscp DP2 Daily Static	4.30am		
DIP3	Noveware	Every Sunday	Dscp DP2 Sunday	4.30am		
		Every Saturday	Dscp DIP3 Saturday	8am	Forecast after netting	through MFT
		O&G	Dscp DIP3 Saturday	8am	Final forecast ETD	through MFT
	Noveware	Every Sunday	Dscp DiP3 Sunday	1pm	Planned orders, target stock	through MFT



Forecast export to SAP



DIP->DP



c. Import in SAP

Transaction code **ZWPP_PIR_UPLOAD**(program: **ZWPMR0001C**) is using to upload the forecast from Dynasys to SAP, there are jobs scheduled in SAP by weekly or monthly to do this uploading automatically in WP2.

After MRP run, SAP will generate planned independent requirements for planning or Long term Planning.

Procedure to be used for WP2 :

DynaSys DP - Export Independent Requirement

Each GBU have a specific job, scheduled in SAP. Below the jobs available in WP2:

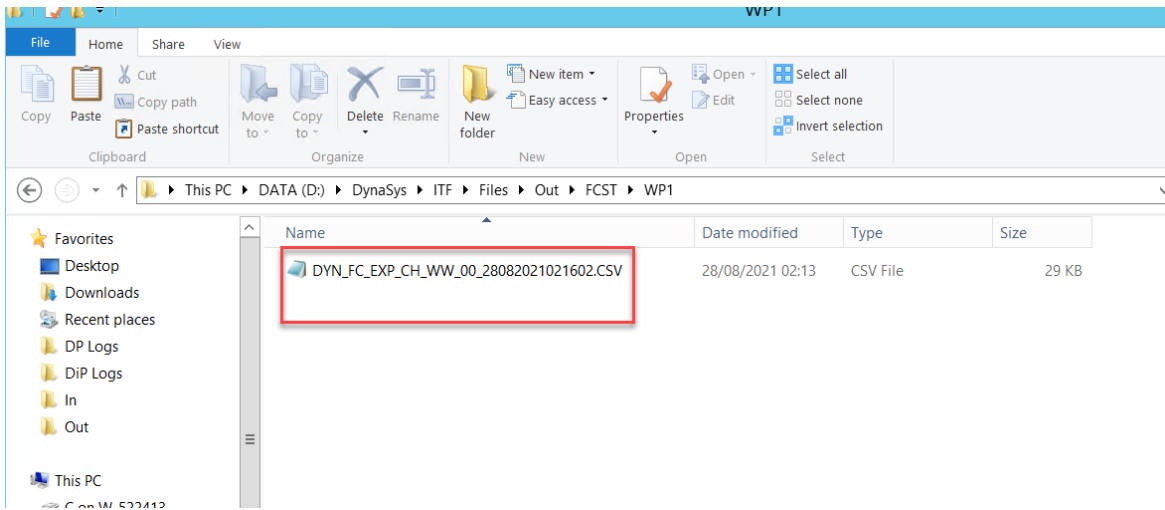
Sy stem	GBU	Frequency	Job	Running time (CET)
W P2	Com posite	monthly- every 18th	PP_RCS_FC_UPLD_CM_WW (variantes CM_WW_00 + CM_WW_04)	0:10
W P2	TS	monthly- every 1st and 6th	PP_RCS_FC_UPLD_TSMONTHLY_WW_1ST (variante TS_WW_00) PP_RCS_FC_UPLD_TSMONTHLY_WW_6TH (variante TS_WW_00) Caution job PP_RCS_FC_UPLD_TSNVMNTH_WW (variante variant TS_NV_00) is still planned every 6 of the month, uploading a file not updated since 06.09.2023 at 8am =>DYN_FC_EXP_TS_NV_00.CSV => must be an error when NV + EW were replaced by WW	9:00 PM CET
W P2	TS	every Sunday	RCS_PP_FC_UPLD_TSWK_WW (variante TS_WW_00)	4:00 PM CET
W P2	Nov ecare	every Saturday	RCS_PP_FC_UPLD_NVWK_WW (variante CS_WW_00)	6:00 PM CET
W P2	OG	every Saturday	RCS_PP_FC_UPLD_OGWK_WW (variante OG_WW_00)	6:00 PM CET

d. Manual output the forecast from Dynasys to SAP

1> Login the backend server as an administrator, and manual trigger the Macro (ensure there is no background running), take Special chem as an example:

Macro_TECH_ExportSAP_

After the Macro done, go to the folder \DynaSys\ITF\Files\Out\FCST\WP2 on the backend server to check if the CSV file was generated correctly.



The CSV under folder WP2 will get transferred to SAP and meanwhile this file will be copied to folder BKUP after 5 minutes, If there is any problem for the MFT Jobs please contact the MFT team

2> check the CSV file in SAP

Use AL11 and go to Directory: /exploit/PP/data/DYN/FCST, you can see the file size and what time it got generated.

Directory: /exploit/PP/data/DYN/FCST							
Usab...	Viewed	Changed	Length	Owner	Lastchange	Lastchange	File Name
			4096	exploit	06/16/2021	03:09:34	.
			256	exploit	06/30/2021	18:25:51	..
X	X		29187	sftpmft	08/28/2021	02:13:05	DYN_FC_EXP_CH_WW_00.CSV
X			57195	sftpmft	09/18/2021	05:27:27	DYN_FC_EXP_CM_WW_00.CSV
X			292366	sftpmft	09/18/2021	05:28:26	DYN_FC_EXP_CM_WW_04.CSV
X			263129	sftpmft	09/18/2021	05:29:25	DYN_FC_EXP_CM_WW_06.CSV
X			243468	sftpmft	09/25/2021	14:54:38	DYN_FC_EXP_CS_WW_00.CSV
X			36868	sftpmft	06/16/2021	03:09:11	DYN_FC_EXP_PY_WW_00.CSV
X			36868	sftpmft	06/16/2021	03:09:12	DYN_FC_EXP_PY_WW_02.CSV
X			892	sftpmft	09/06/2021	02:27:00	DYN_FC_EXP_TS_EW_00.CSV
X			7034	sftpmft	09/06/2021	02:26:59	DYN_FC_EXP_TS_NV_00.CSV
X			71541	sftpmft	09/25/2021	20:11:03	DYN_FC_EXP_TS_WW_00.CSV
X			6946	sftpmft	09/19/2021	13:42:02	DYN_PO_EXP_CS_NV_00.CSV
X			216	sftpmft	09/19/2021	13:42:02	DYN_ST_EXP_CS_NV_00.CSV
X			2888528	sftpmft	08/20/2021	18:30:33	EXP_SAP_PROGRAM.CSV

Be noted, the MFT will only work for the production environments, if we need to some tests in the background run from server, in WQ2 we can upload by program ZWFAU01000.

double click the file to see if it can be opened.

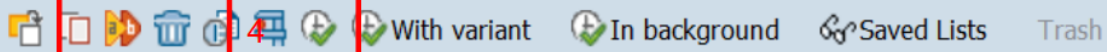
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e. Verify the forecast in SAP

Check the import through **SQ00** 1/3

Query from User Group ZW_PP: Initial Screen

1



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With variant In background Saved Lists Trash

Query area Standard Area (Client-specific)

Query ZW_PP_PIR

Change

Create

Quick Viewer

Query from User Group ZW_PP: Initial Screen

Name	Title	Name	User group name
ZWPP_SALGRP	Sales	ZW_ORG_OC	Organics - Sales/Distribution
ZWPP_SST	Ordre	ZW_OTC_TEAM	Equipe Support/Maintenance OTC
ZWPP_ZWPP07	Retrie	ZW_PCL_OTC	0193 Pont de Claix OTC
ZW_PM_SPAREPAR	Article	ZW_PCL_PU	0193 Pt De Claix P2P Rhodia
ZW_PP_109	Article	ZW_PCL_PUEXT	0193 Pt De Claix P2P Externes
ZW_PP_110	Analys	ZW_PP	Production
ZW_PP_BOM	Extrac	ZW_PP_EPKO	Korea PP Use
ZW_PP_PIC01	PIC /	ZW_PU	Corporate Purch. & Procurement
ZW_PP_PIC02	test	ZW_PU_BRBMT	Purch. & Procurement - BR
ZW_PP_PIR	ZW PP	ZW_PU_CN	Purchasing .& Proc. - China
ZW_PP_RESSOURC1	Resso	ZW_PU_NA	Purchasing & Procurement - NA
ZW_PP_RESSOURC2	Resso	ZW_PU_VE	P2P User Group for Vendor Eval
		ZW_QC	RCS_QC
		ZW_QC_V6	Requête QC - traitement auto.
		ZW_RCS_FA	FA - RCS

3

Check the import through SQ00

2/3

ZW PP planned independent requirement



Program selections

Division		to		
MRP controller		to		
Deletion indicator		to		
Planning period		to		
Requirements type		to		
Deletion indicator		to		
Material Number	124240	to		
Planning Scenario of Long		to		
Version number for indepe	00	to		
Indicator: version active		to		
Plant	0228	to		

Output format

☒ SAP List Viewer

/DEFAULT



Check the import through **SQ00**

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ZW PP planned independent requirement



ZW PP planned independent requirement

Plnt	Material	Material Number	BUn	Planned qty	Period
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	2,295.097	201801
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	1,612.033	201801
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	1,311.483	201801
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	1,676.613	201801
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	804.774	201801
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	4,400	201803
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	7,700	201808
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	3,300	201812
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	1,844.590	201906
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	1,748.340	201907
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	1,765.850	201908
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	1,741.650	201909
0228	124240	TY S 60G1 V30 GREY R7016 CF 1100K(737)/E	KG	1,811.640	201910

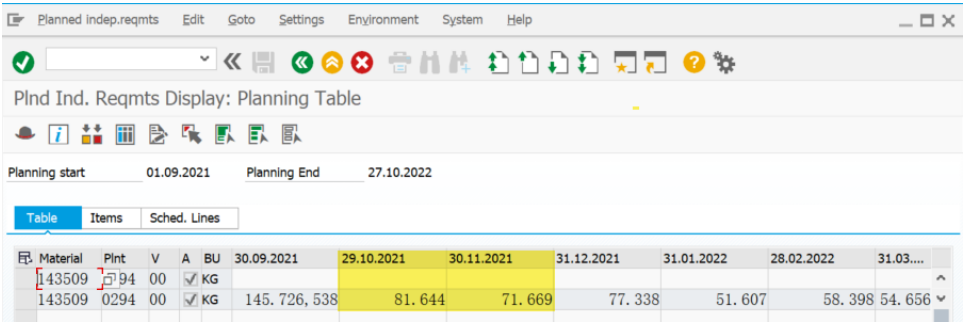
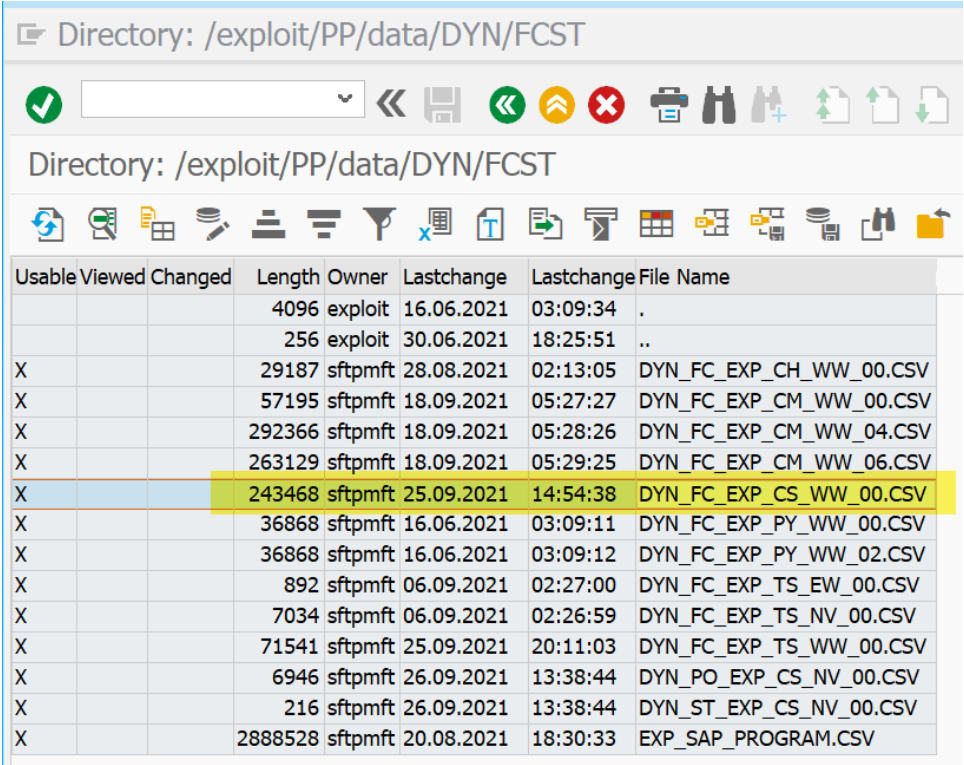
f. Forecast Individually checking

(Indépendant requirement is the result of the netting in dynasys)

Dynasys S&OP Planning and Interface.

Please don't use MD04 to check the forecast, the data shows in MD04 is deducted by the sales order allocation.

You can use **MD63** to check the full loaded forecast from Dynasys.

#	Description	Screenshot
1	Forecast from plant 0294 material 143509 (WP2) Oct = 43To Nov = 58 To	
2	same with the import file Use SAP transaction code AL11 go to Directory: /exploit/PP/data/DYN/FCST , you can see the file size and what time it got generated.	blocked URL *Directory: /exploit/PP/data/DYN/FCST 
3	In Dynasys shipments requirements: 61 to in Oct 48 to in NOV	blocked URL
	To check the Qty from DIP to DP was aligned. FCST export from DIP:	blocked URL
	FCST export from DP:	blocked URL

