SNC Introduction and Training
Supplier Managed Inventory

innovation + you

PHILIPS

Topics / agenda

- Supply Network Collaboration - Introduction
- Review SMI / SMOI parts, create Planned Receipts
- Advance Shipping Notification Create ASN
- Add batch number, serial number, attach documents in ASN
- Change Time buckets
- SNC Alerts
- Mass upload of PO confirmations and ASNs

Supply Network Collaboration - Introduction

Supplier Network Collaboration (SNC)

SNC is an SAP product which enables digital communication and collaboration between Philips and Supplier

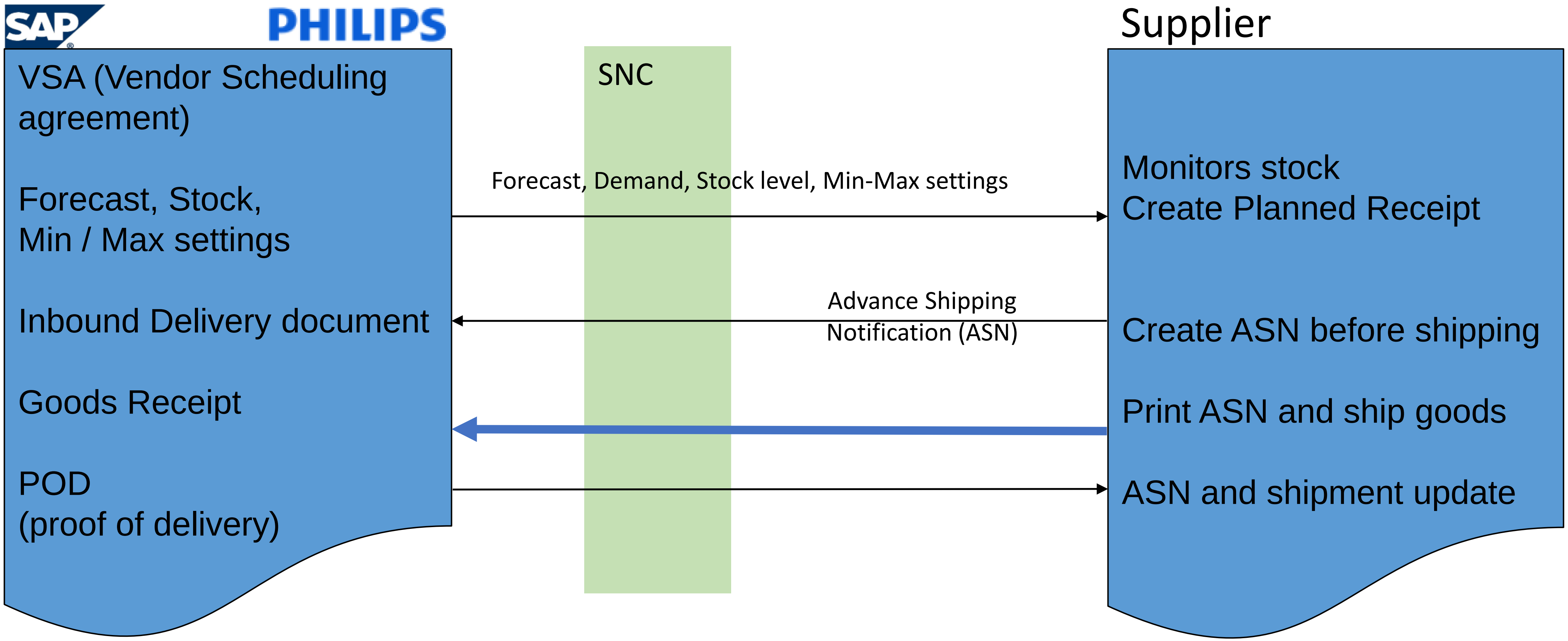
It simplifies and standardizes information exchange between Supplier and Philips

It improves process efficiency and visibility in the Supply Chain

Supplier Users log on to SNC on a WebGUI interface

SNC Supports multiple Supply Models, in this training we are only concentrating on Supplier Managed (Owned) Inventory Process.

SMI (Supplier Managed Inventory) Process Overview

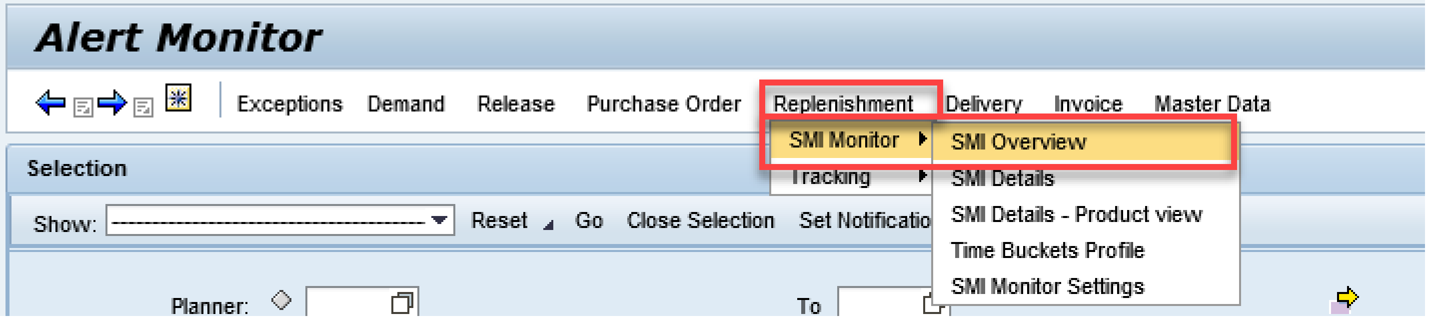


Note: VSA is Generally created once a year, this is similar to a blanket PO, against which we can book goods receipt.

Review SMI / SMOI parts, create Planned Receipts

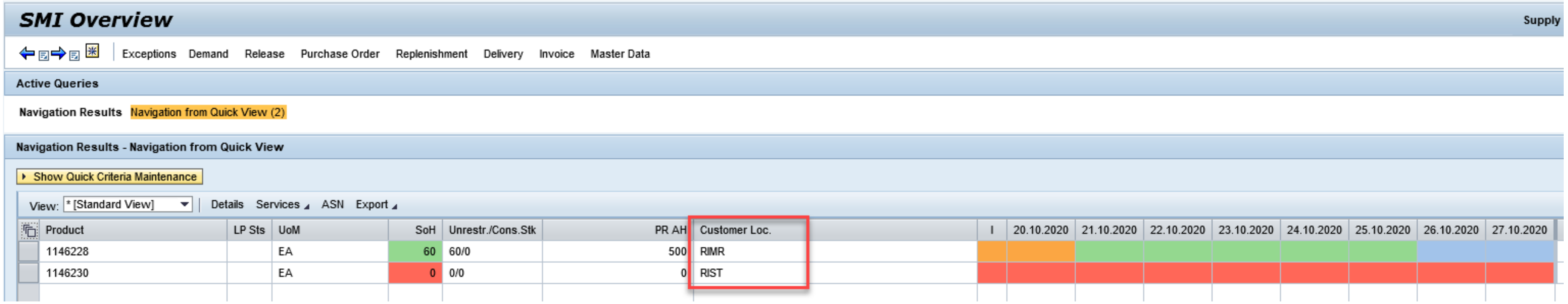
Review parts' status

In the Menu, choose Replenishment → SMI Monitor → SMI Overview



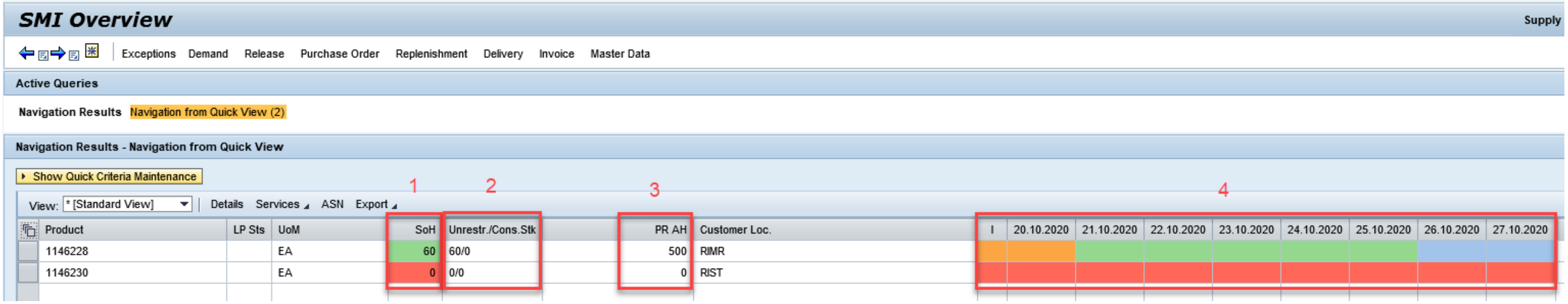
Make sure to press the Refresh button on the bottom right hand corner to see update data

Here you will see all of the parts supplied to Philips (if you ship to multiple plants, this can be seen in Customer Loc):



SMI Overview information

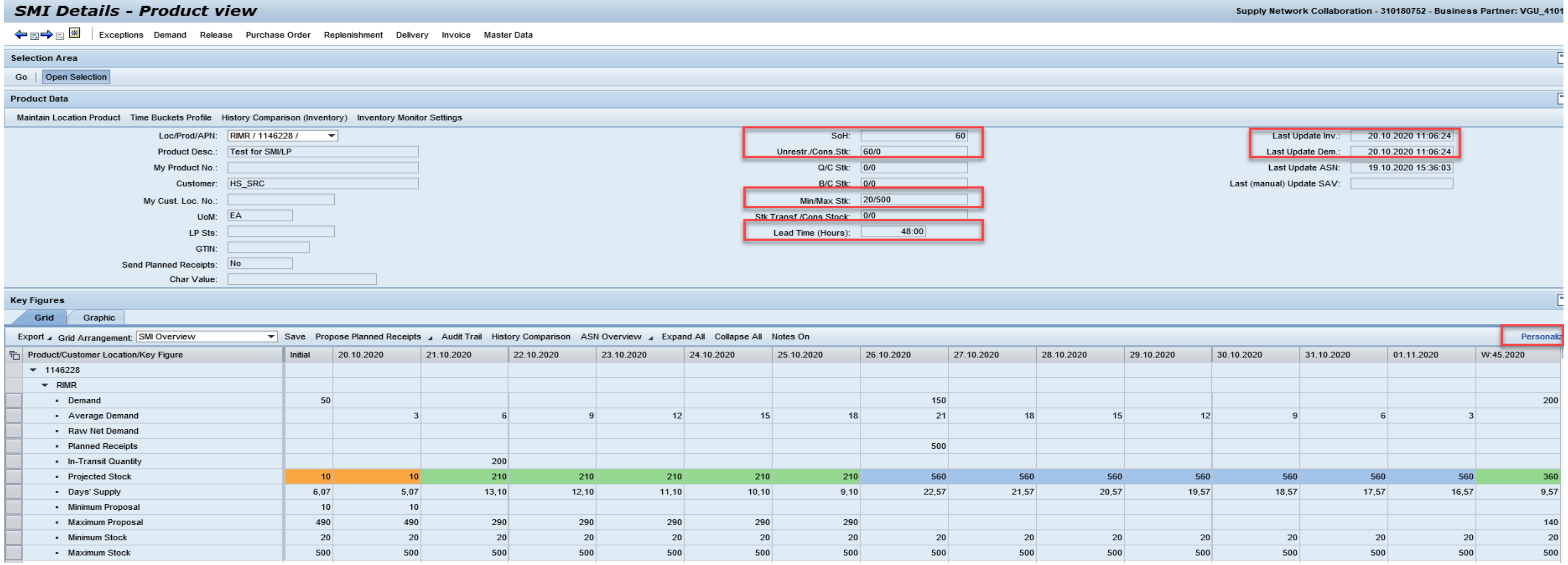
In the overview screen, you can see high level information about the parts availability



1. SoH – this shows the actual Stock on Hand. Every few hours, a batch job updates this information directly from Philips's SAP system. You can only see the update after you pressed "refresh"
2. Unrestr. / Cons. Stock – The first number shows Philips stock, the second shows vendor stock. In case of SMI model the second value is always zero
3. PR AH – Planned Receipts, this shows what has already been entered in SNC to plan to ship
4. Dates with colours –
   - Red – The projected stock is zero or minus
   - Orange – the projected stock is below minimum
   - Green – The projected stock is between minimum and maximum stock level
   - Blue – The projected stock is above the maximum stock level

SMI Detailed view

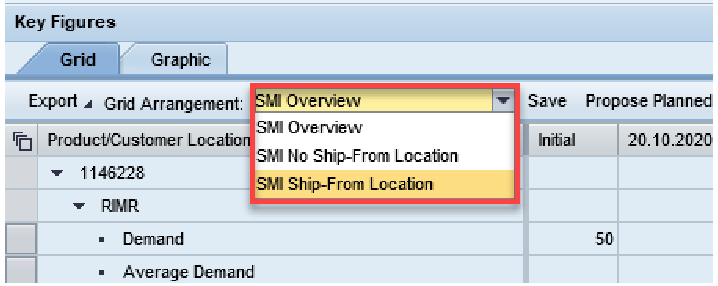
In the SMI Overview screen, choose one or more lines and press "Details"
In the details screen you can see further information about the part.
In the top right corner you can see when the last update was done to refresh stock / demand data.
You can change the information displayed in the grid (eg remove superfluous lines by pressing "Personalize " button which you can find above the grid on the right.



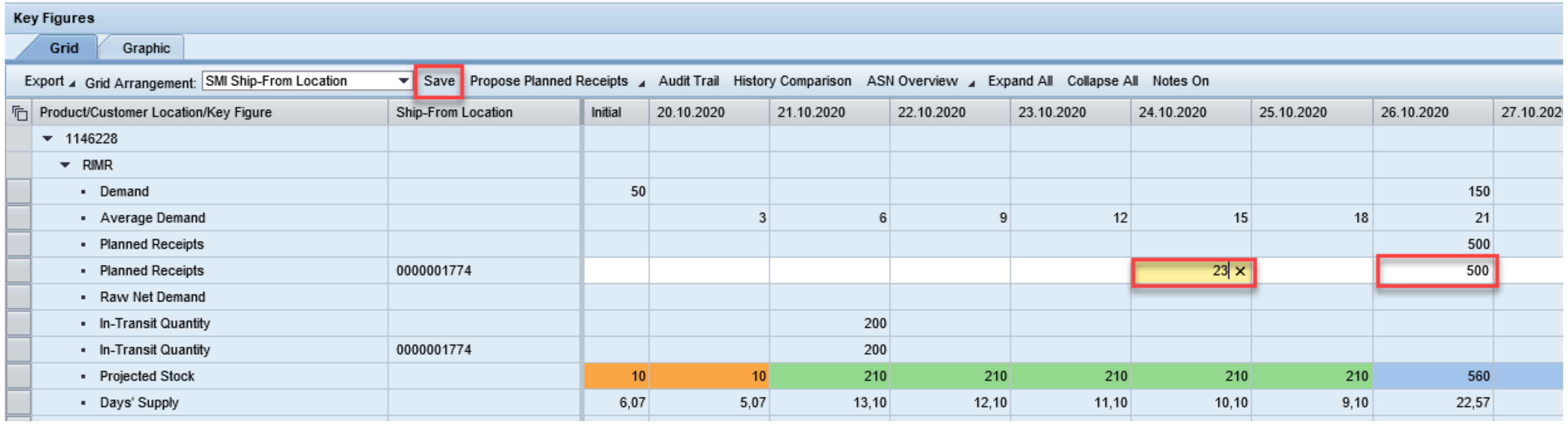
Product/Customer Location/Key Figure	Initial	20.10.2020	21.10.2020	22.10.2020	23.10.2020	24.10.2020	25.10.2020	26.10.2020	27.10.2020	28.10.2020	29.10.2020	30.10.2020	31.10.2020	01.11.2020	W:45.2020
1146228															
RIMR															
Demand	50							150							200
Average Demand		3	6	9	12	15	18	21	18	15	12	9	6	3	
Raw Net Demand															
Planned Receipts								500							
In-Transit Quantity			200												
Projected Stock	10	10	210	210	210	210	210	560	560	560	560	560	560	560	360
Days' Supply	6,07	5,07	13,10	12,10	11,10	10,10	9,10	22,57	21,57	20,57	19,57	18,57	17,57	16,57	9,57
Minimum Proposal	10	10													
Maximum Proposal	490	490	290	290	290	290	290								140
Minimum Stock	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Maximum Stock	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500

Create Planned Receipts

To be able to ship parts, first you must create “Planned receipts”. This is your shipment plan. To do this, choose the dropdown menu.



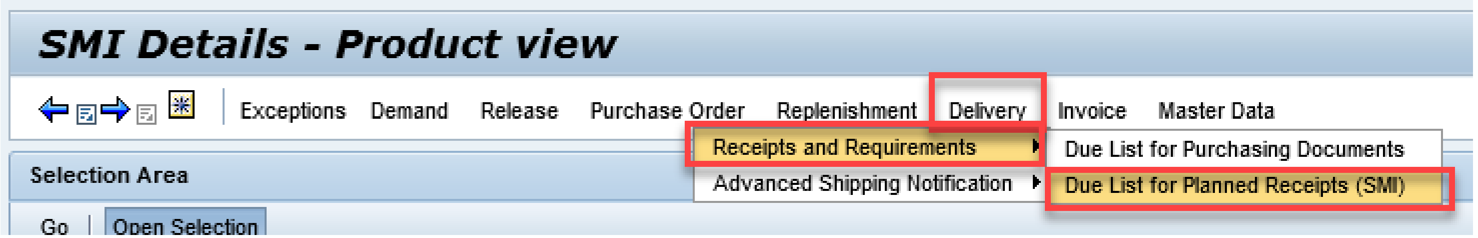
This will provide a white line where you can manually enter your planned quantities or change existing ones. After finalizing the plan, press the save button. This will save this information in SNC but will not send it to Philips.



Advance Shipping Notification
Create ASN from Due List

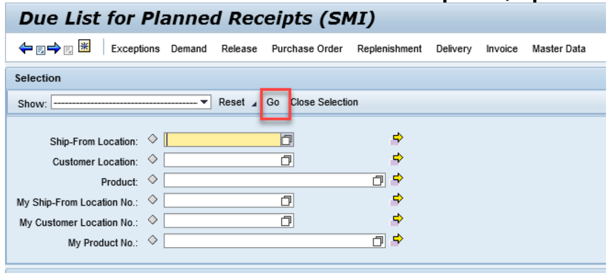
ASN Due List

The first step of the shipping process is to create an ASN (Advanced Shipping Notification).
In the Menu, choose Delivery → Receipts and Requirements → Due List for Planned Receipts (SMI)



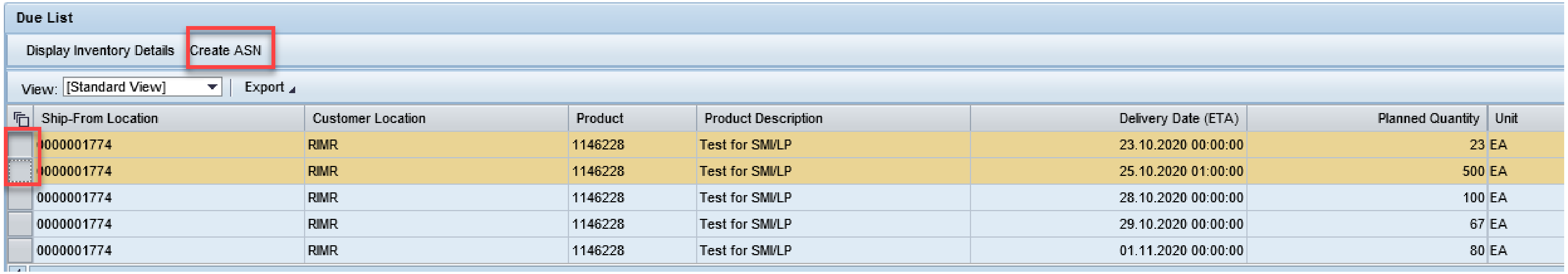
Creating ASN step 1

To list Planned Receipts, press the “Go” button on the top of the screen



You can also restrict your list by choosing Customer location (if you are shipping to multiple plants) or adding Product number(if you want to see only selected parts)

In the resulting Due list, choose one or more lines by pressing the ctrl button and click on the square before the line and press “Create ASN”

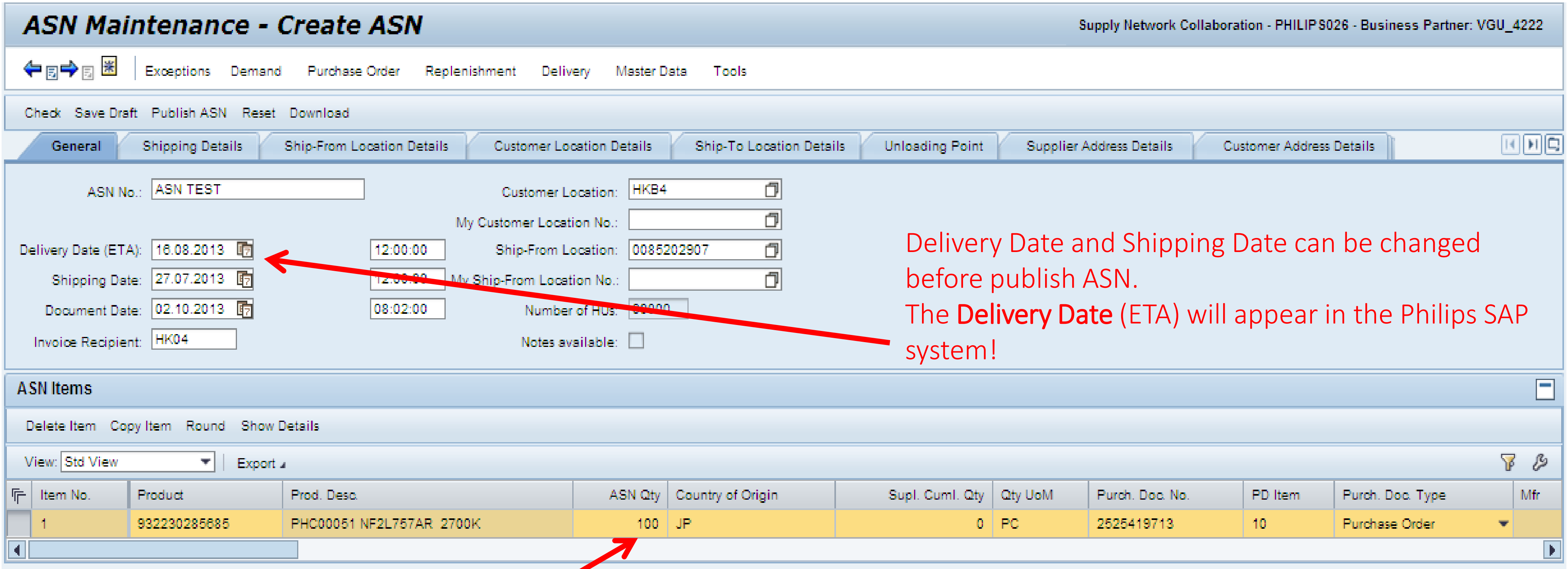


Ship-From Location	Customer Location	Product	Product Description	Delivery Date (ETA)	Planned Quantity	Unit
0000001774	RIMR	1146228	Test for SMI/LP	23.10.2020 00:00:00	23	EA
0000001774	RIMR	1146228	Test for SMI/LP	25.10.2020 01:00:00	500	EA
0000001774	RIMR	1146228	Test for SMI/LP	28.10.2020 00:00:00	100	EA
0000001774	RIMR	1146228	Test for SMI/LP	29.10.2020 00:00:00	67	EA
0000001774	RIMR	1146228	Test for SMI/LP	01.11.2020 00:00:00	80	EA

Note that different ship-to locations can not be combined within one ASN.

Creating ASN Step 2

The ASN creation screen copies the data such as delivery date, product nr. and ASN qty from the PO. It is still possible to modify this data before ASN publish.
The field **ASN nr** is mandatory. The supplier should fill here the own delivery number, it is max 16 digits long. For suppliers using Infodis tool, this should be the booking number.

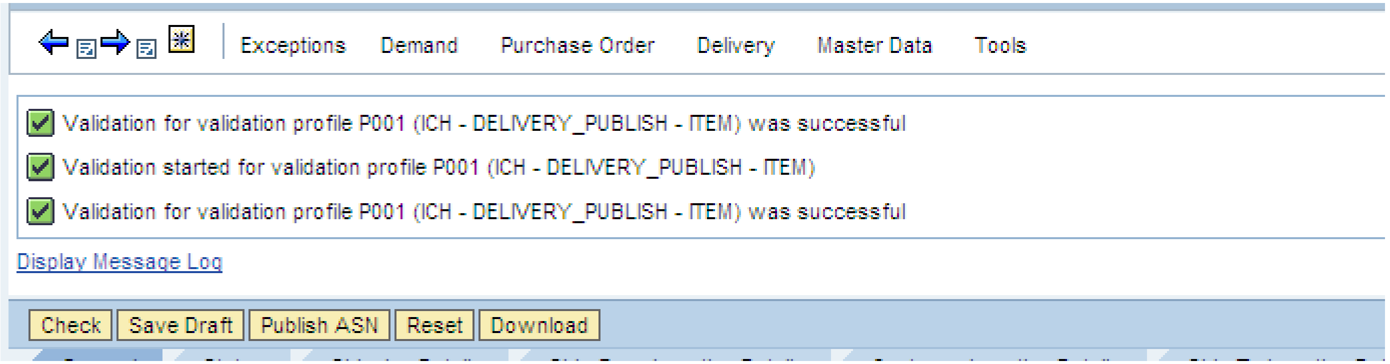


Delivery Date and Shipping Date can be changed before publish ASN.
The **Delivery Date** (ETA) will appear in the Philips SAP system!

Qty can be changed before publishing ASN

Check and Save Draft or Publish ASN

Click the Check button. The system will check if all fields are filled correctly, and will display error (red) warning (yellow) or information (green) messages.

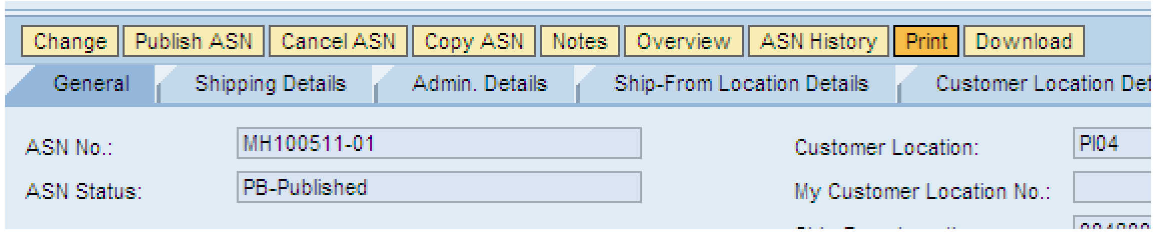


If there are no errors, you can proceed to either Save as Draft or Publish the ASN.

Draft ASN can be changed and Published later. After publishing, the ASN can not be changed anymore.
In case a mistake was made, Cancel the ASN and create a new one.

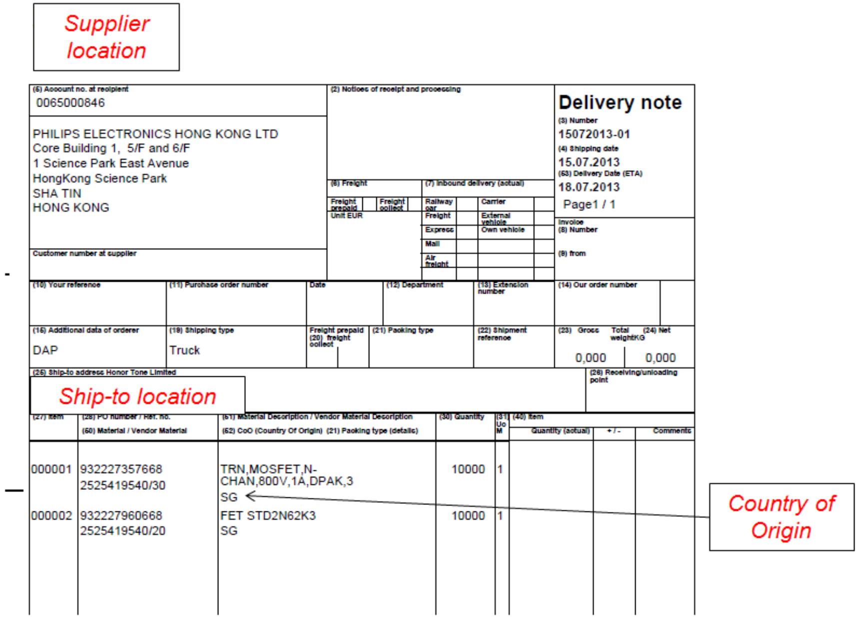
Print ASN

The ASN status has now changed to Published



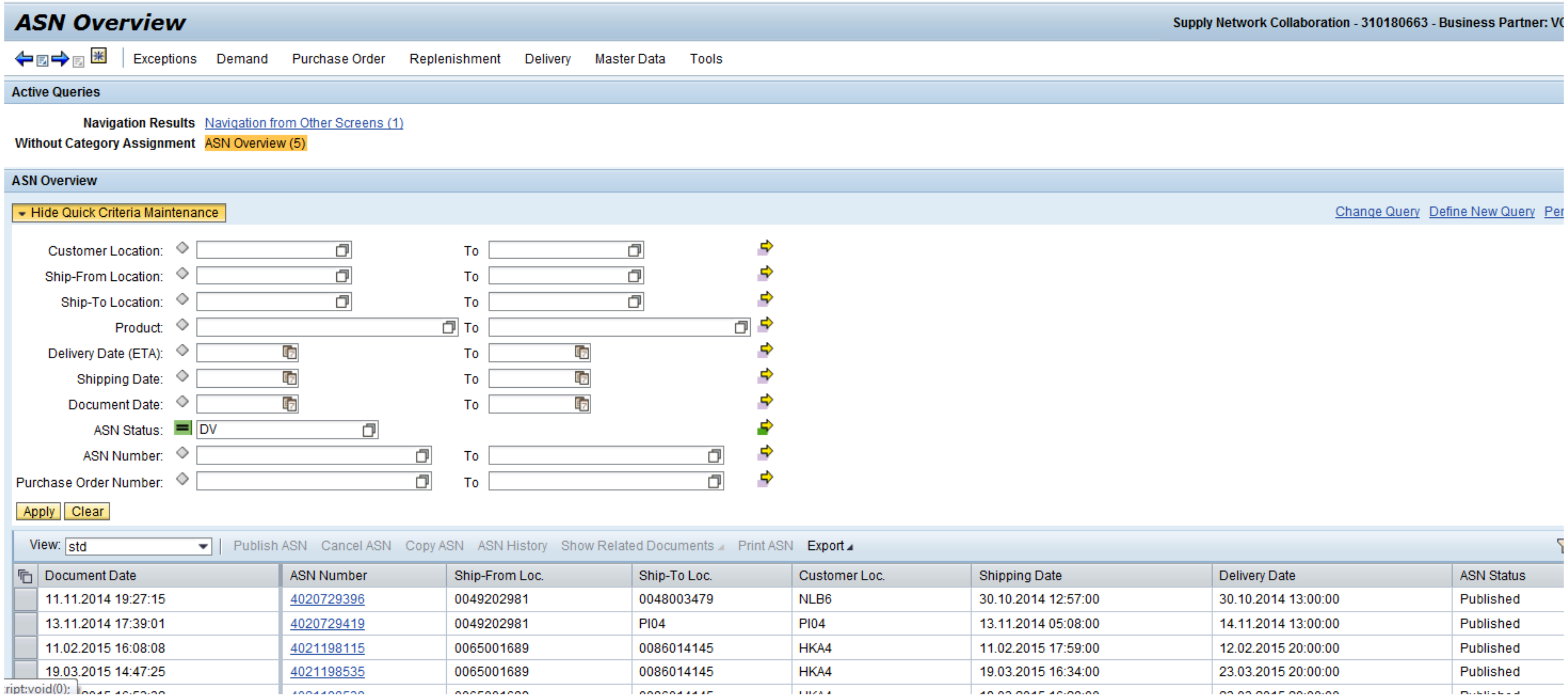
Once published, the ASN can be printed. The printout of the ASN should be attached to the goods. This makes it easier for the receiving warehouse to book the receipt

When pushing the Print button,
a PDF appears
and can be saved



ASN Overview

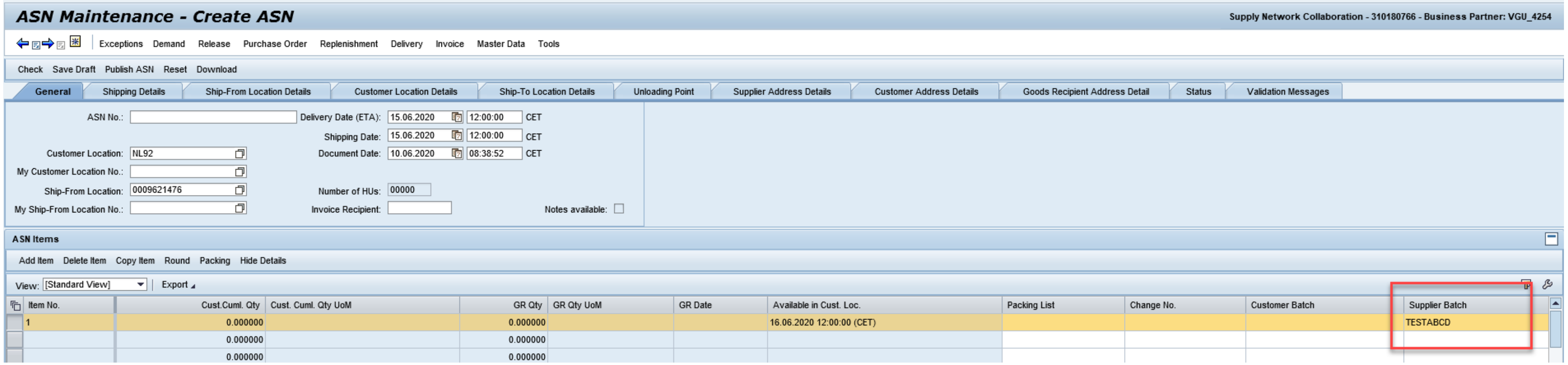
If you want to look back at the ASNs to find out their status (or if an ASN needs to be canceled), you can find them via Delivery → Advanced Shipping Notification → ASN Overview.
Here you also need to create first a Query (one-time) to show the results.



Advance Shipping Notification
Add batch number, serial number, attach documents to ASN

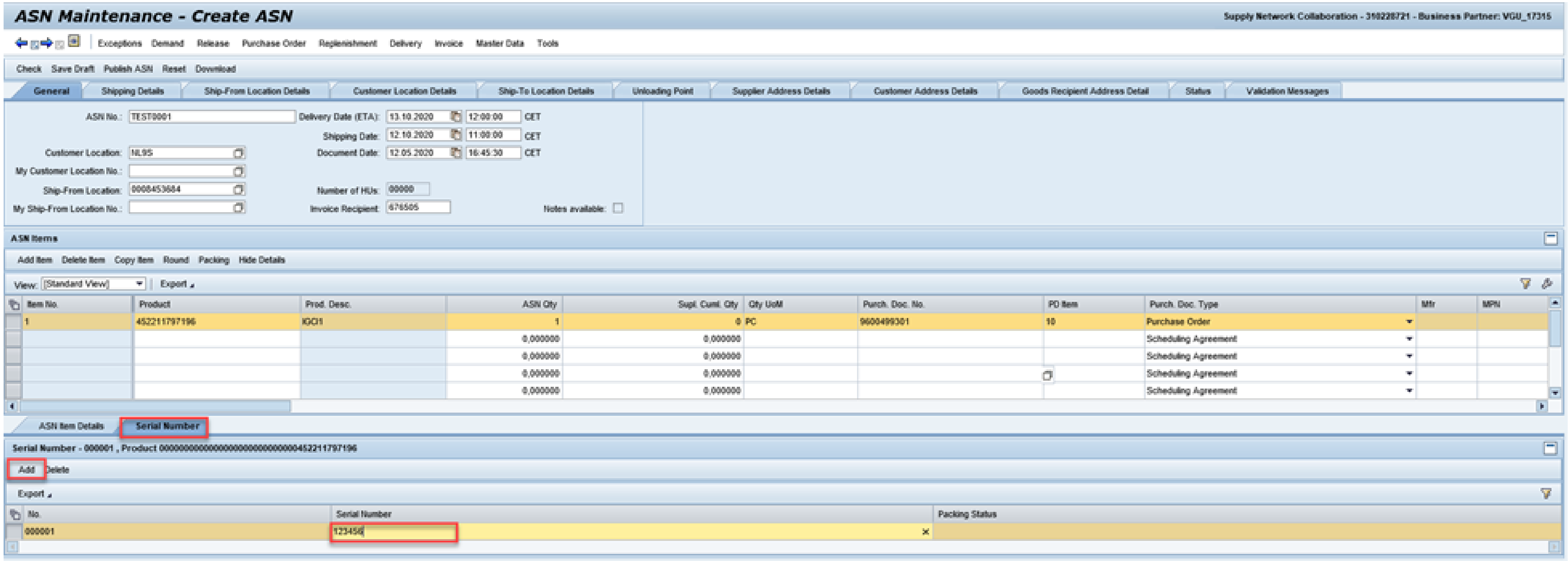
Add batch number during ASN creation

If batch number is used for a part, it can be added during creation of the ASN.
The batch number can be entered on line item level, in the Supplier Batch field.
Note: in case there are more batch numbers for one part, the ASN quantities can be split and multiple batch number can be added.



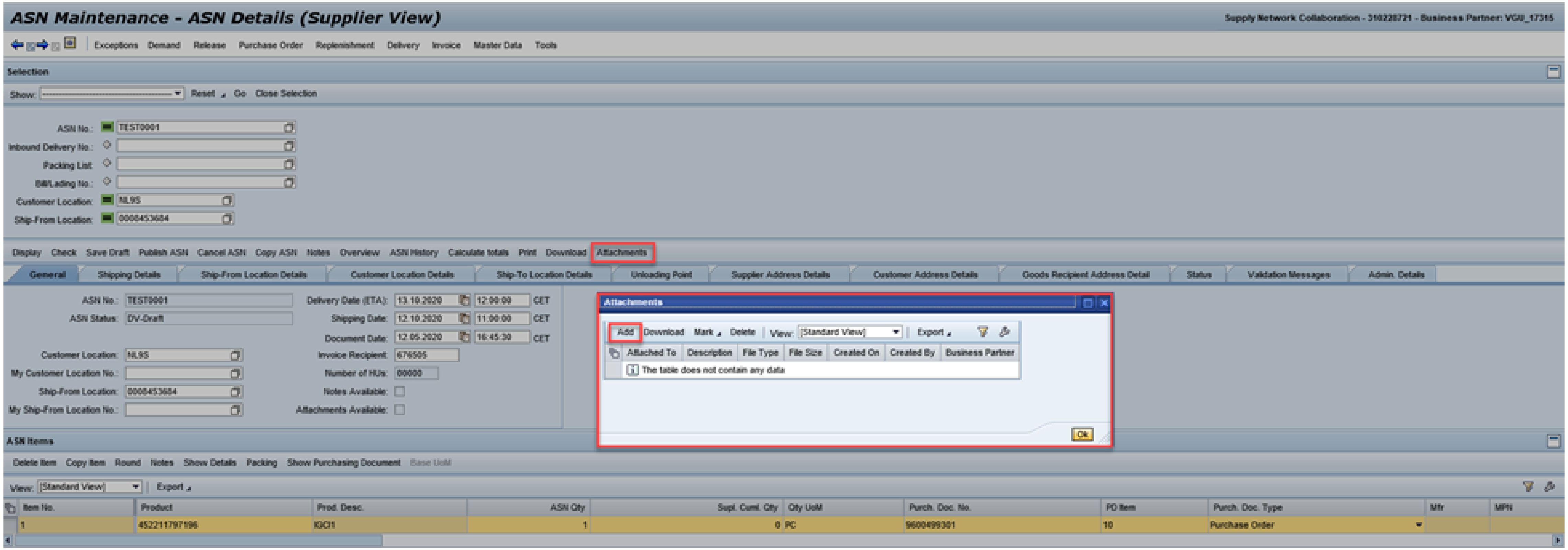
Add serial number during ASN creation

If serial number is used for a part, it can be added during creation of the ASN.
In the ASN details, choose the serial number tab, then press the add button.
Then you can enter or paste the serial number(s) for the part.



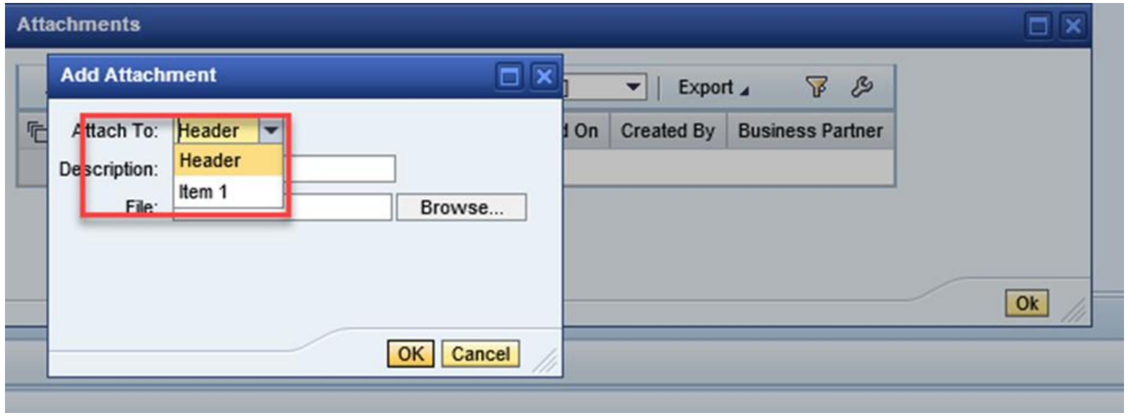
Add attachment during ASN creation

To attach any document, first save the ASN as draft.
Then the attachment button will appear. When pressing it a pop-up window will be available to attach documents.

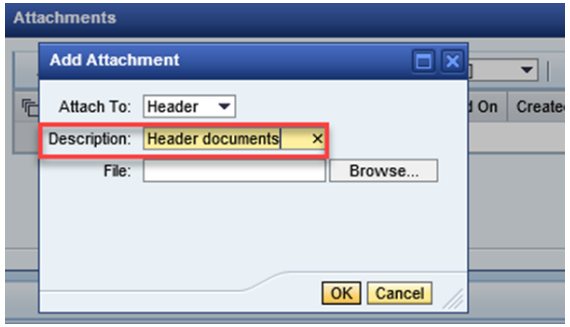


Add attachment during ASN creation

In the Add attachment window, choose if the attachment should be linked on header level or item level.



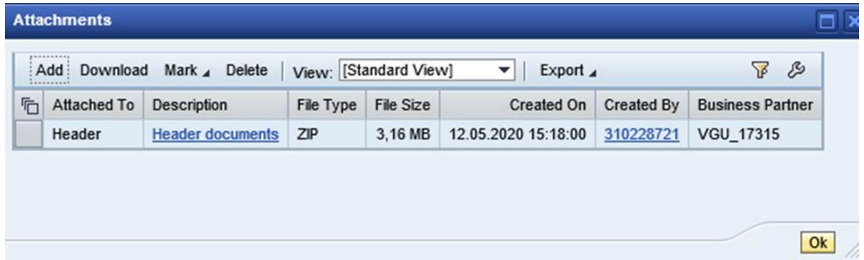
Add a description of the attachment



Add attachment during ASN creation

To Attach the file from your computer and press OK.

The attached document will now show up in the pop-up window.

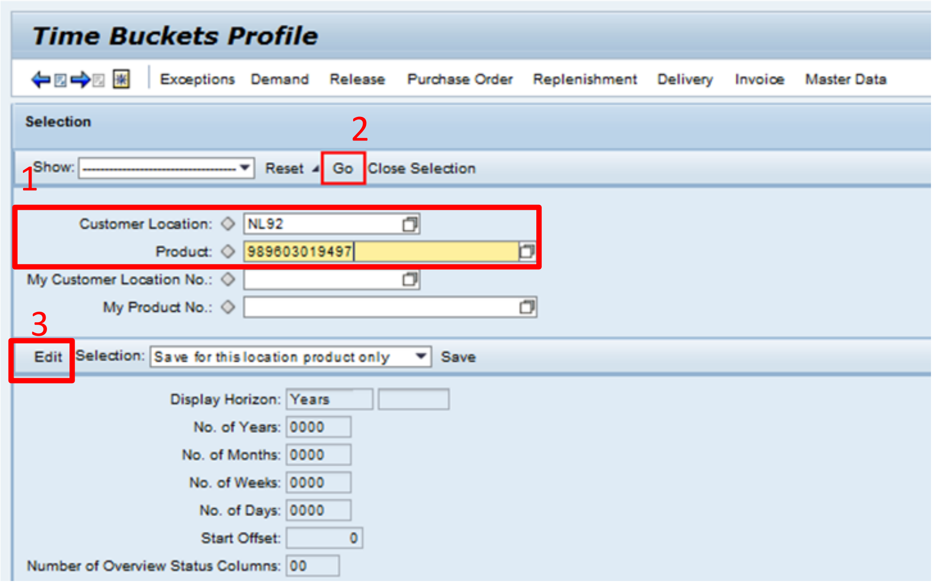


In case there are more files you want to attach, repeat the process with the rest.
Once all documents attached, press the OK button and finalize the process by pressing the Save and Publish button.

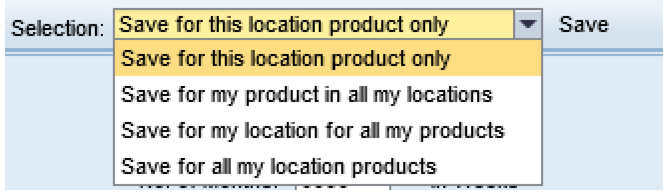
Change Time buckets

How to change / set up time buckets for SMI Monitor

Go to menu path Replenishment → SMI Monitor → Time Buckets Profile.
Enter the fields “Customer Location” and “Product” and click the button “Go”
Then choose “Edit” to update time buckets



After you have set up the time buckets, choose for which product-location combination you want to see the time buckets this way and then save:



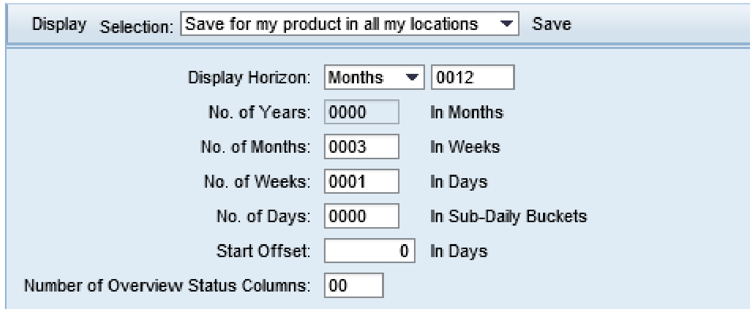
How to change / set up time buckets for SMI Monitor

Update the time buckets according to the below matrix:

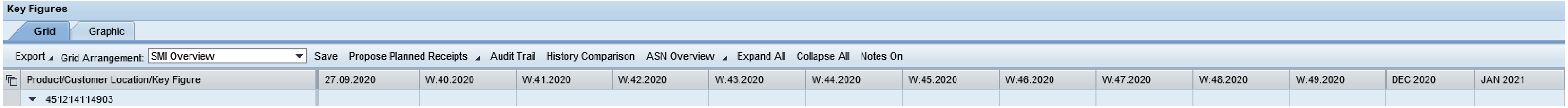
Field	Usage
Display Horizon	In this field you define the total duration for the planning horizon. Set the period type and the number of periods. The system identifies periods according to the calendar. The current period is seen as 1 period, regardless of how much of the period has already passed. Example: you select two years, the current date is June 20, 2014. The system will then show you the remainder of 2014 (year 1) and the whole year 2015 (year 2). It will not show (part of) 2016.
No. of Days	This field has no use. Do not enter.
No. of Weeks	Here you enter the number of weeks for which you want to see the time buckets **as days.** First period of the planning horizon is week 1; for that week only the remaining days will be shown. This setting will relate to the short-term horizon. If the no. of weeks is filled, and the horizon is month or year, also the month (horizon month) or month and year (horizon year) need to be filled.
No. of Months	Here you enter the number of months for which you want to see the time buckets **as weeks**. The system will only show the time bucket in weeks, after the weeks for which it has been defined that the buckets should be shown as days. For the number of months, the first period of the planning horizon is month 1, even though it might be completely shown in days due to the setting of the number of weeks. This setting will relate to the medium-term horizon. The time bucket is only available in case the period type for the horizon is month or year. If the no. of weeks is filled, and the horizon is year, also the year needs to be filled.
No. of Years	Here you enter the number of years for which you want to see the time buckets **as months**. The system will only show the time bucket in month, after the weeks and months defined in the previous fields. The first period of the planning horizon is regarded as year 1. This setting will relate to the long-term horizon. The time bucket is only available in case the period type for the horizon is year.
Offset	With the field offset you can specify that the planning horizon starts in the future or in the past and not with the current period. Enter a positive or negative number of days by which you want to shift the start of the planning horizon. In case you use the offset, the system will start counting weeks, months and years based on the first day of the planning horizon.

How to change / set up time buckets for SMI Monitor

Example: You want to set up to see the forecast / demand for 1 year, the first 1 week in days, the first 3 months in weeks and the rest of the horizon in months. Then you set up the time buckets as follows:



The result is shown below. Note that the first period will show what is left from the week / month – this case just one day from the week.



SNC Alerts

How do Alerts help you?

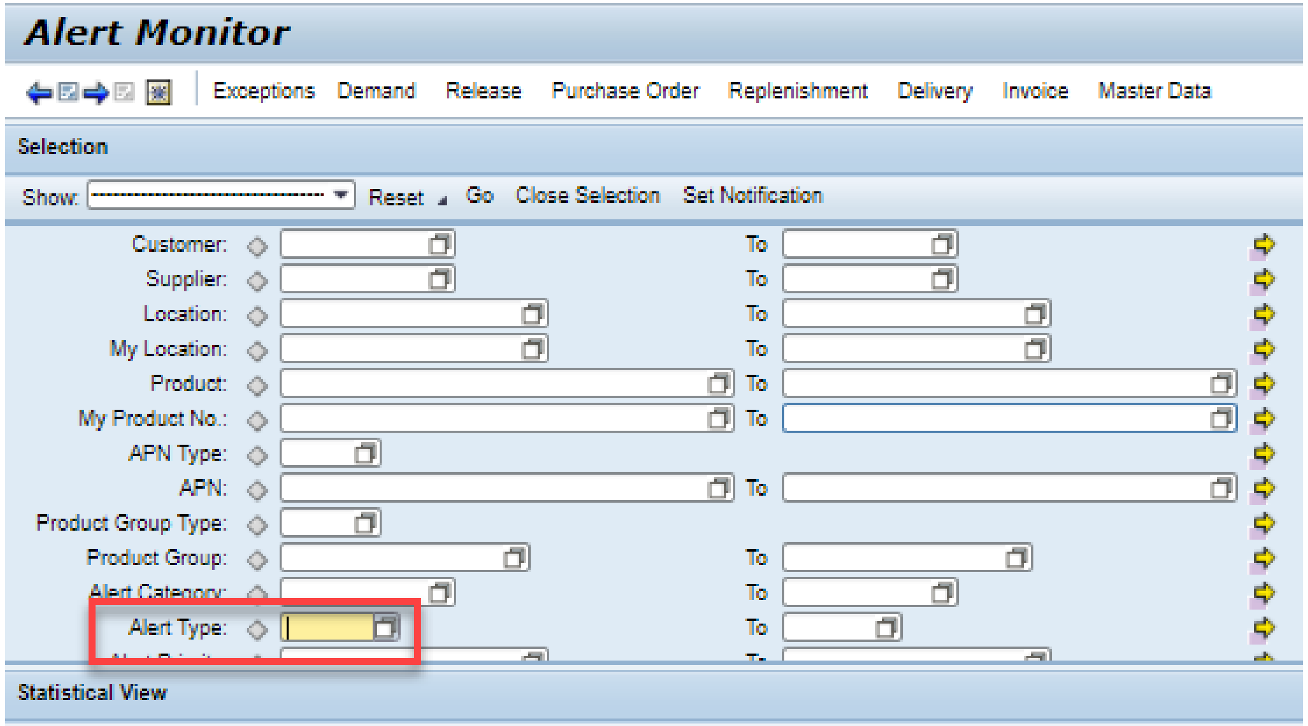
- An Alert is a message generated by SNC to make exceptions or events visible.
- You will be notified by an Alert when there's new information in the portal.
- Each generated Alert is displayed in the Alert Monitor.

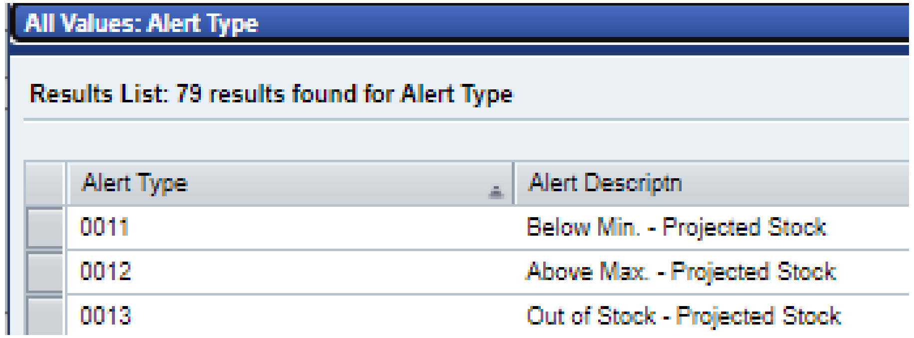
- Next to that, it is possible to let this Alert be sent to you via e-mail. This is called "Notification". The e-mails will be sent to the e-mail address which is linked to your SNC account.

- Useful Alerts for a supplier in the Purchase Order / ASN process, are:
  - 0011: Below Min. – Projected Stock
  - 0012: Above Max. – Projected Stock
  - 0012: Out of Stock. – Projected Stock
  - 0011: Below Min. – Stock on Hand
  - 0012: Above Max. – Stock on Hand
  - 0012: Out of Stock. – Stock on Hand
  - 9310: New ASN published

Alert Monitor

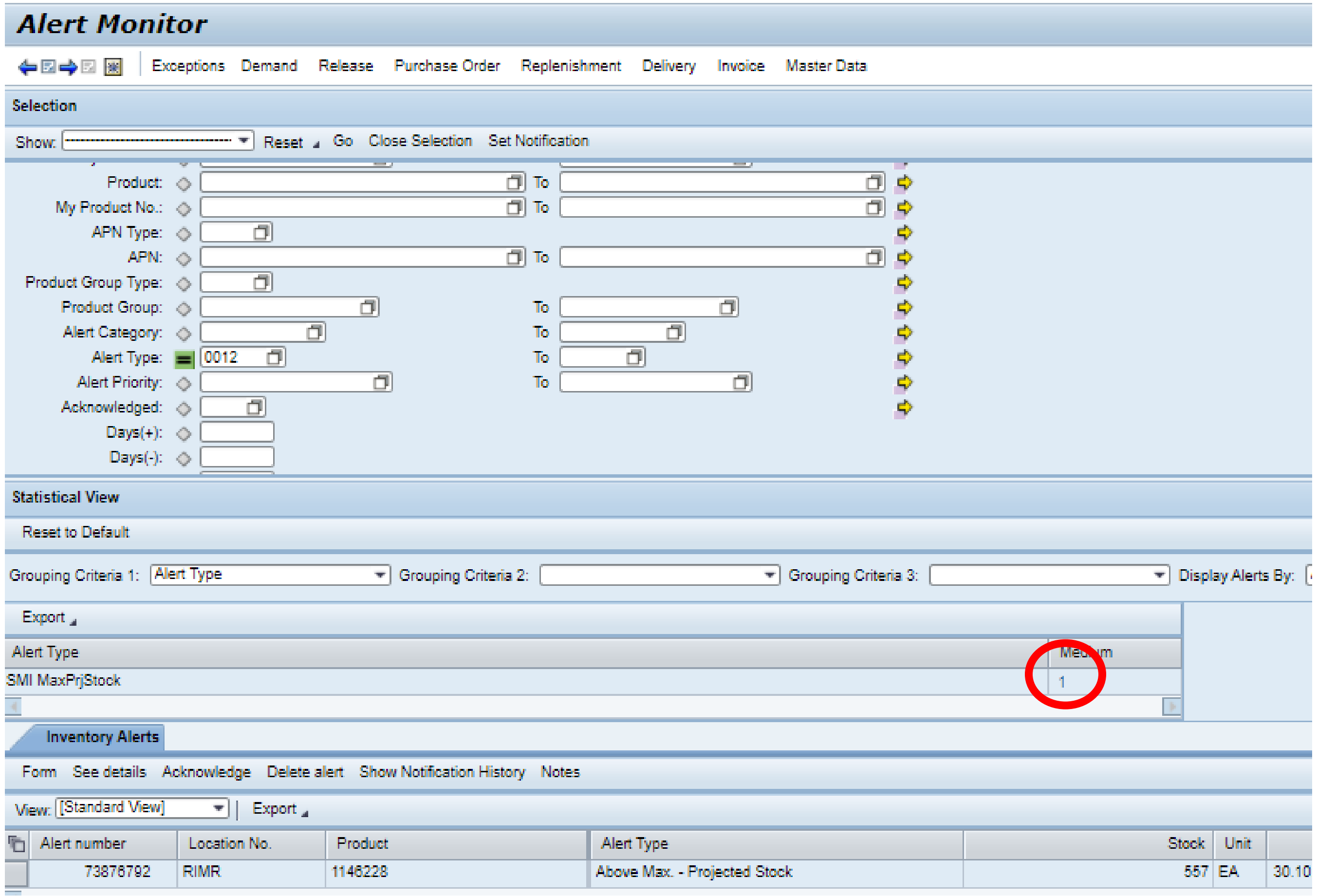
- Exceptions → Alert Monitor
- Scroll down to see the field Alert Type, here you need to enter the Alert type nr. (see previous page), or select the appropriate Alert Type from the Search Help
- In case you supply to multiple Philips locations, you can create an Alert per ship-to, by using the field Customer





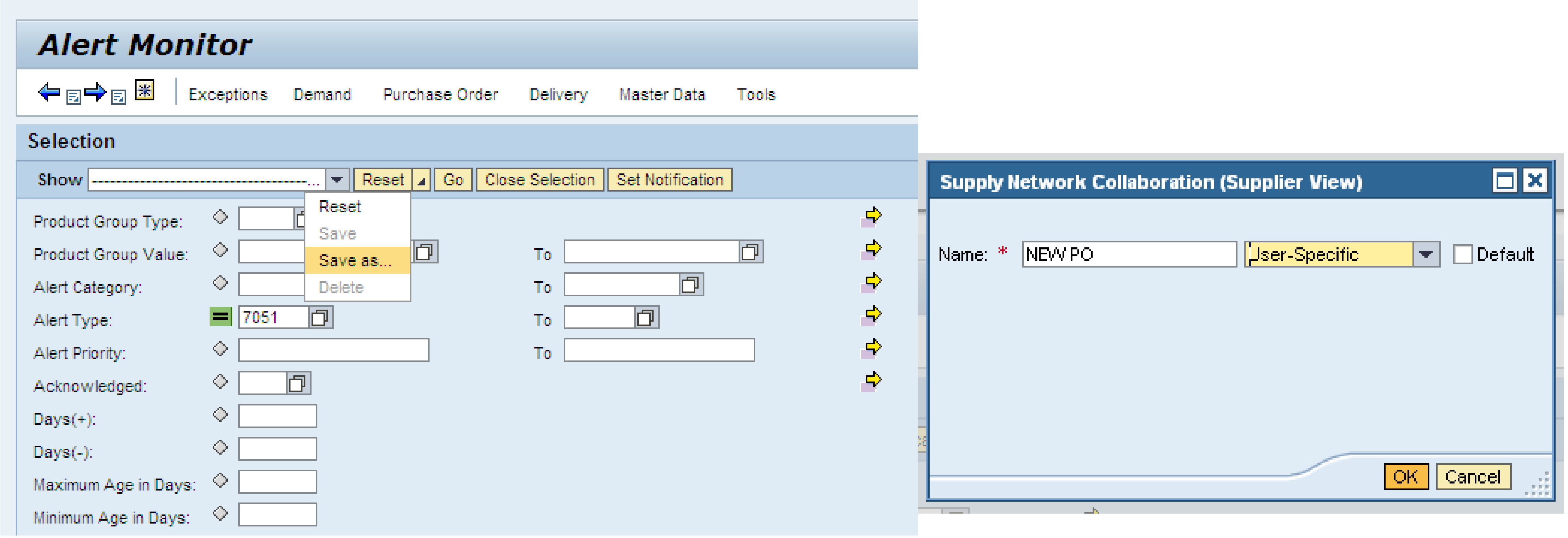
Alert results

- Click the Go button to execute. Click on the number of alerts to view them



Save the Alert

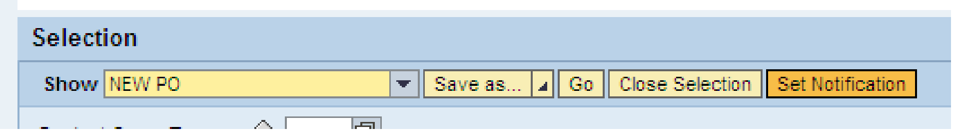
- Save the selection by clicking on the black triangle next to Reset, and select Save as



- Provide a meaningful name for the selection
- Save it for your user (recommended), not for your Partner (entire organization)
- If necessary, set it as the default view

E-mail notifications

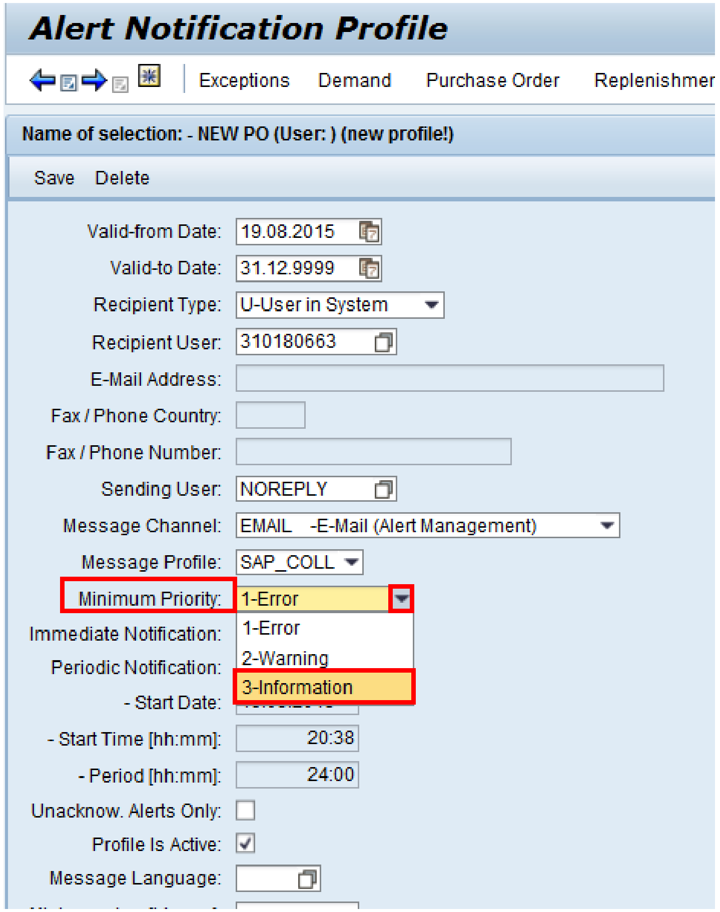
After Saving, you see that the chosen Alert profile is available in the dropdown list. In order to start receiving e-mails for these alerts, press the button Set Notification



- Change Minimum Priority to ‘3’
- The e-mail address is taken from the e-mail address that is linked to your SNC account

- If you want e-mails to be sent to another e-mail address, switch Recipient Type to “C-Channel”. The box E-mail address becomes white and can be filled

- Press Save and the blue backward arrow



Example of an Alert e-mail

Once the Alert profile has been saved and the Notification has been set, alert e-mails will become generated for new events.
They will appear in flat text, with as Subject the Alert Profile name you've given

This message was sent with High importance.

From: PI_EPA_500 PI_EPA_500 <isamwsapbc@philips.com>
To:
Cc:
Subject: Alerts for [redacted]

Alert ID: ##39378##

Alerts for [redacted]

Alert : New Purchase Order Item
SNC Test System: http://www.philips.com/portal
Location = TH01
Product = 322260282271
Order Number = 2518155311
PO Item No. = 00010

Mass upload of PO confirmations and ASNs

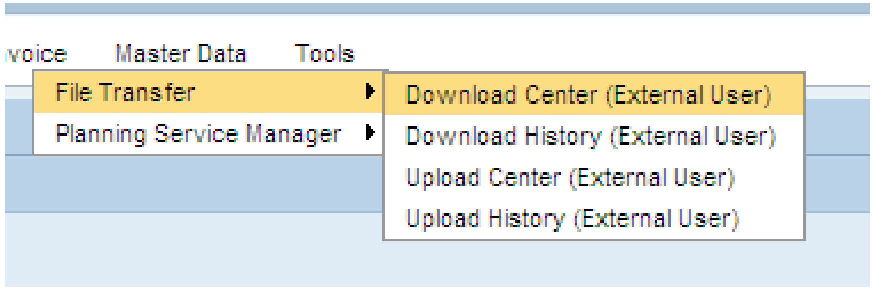
Mass download / upload functionality

- SNC offers the possibility to **upload Excel files** into the portal, instead of manually providing inputs. This is called FTR (File Transfer) and can be used for Purchase Order Confirmations and Advance Shipping Notification creation, amongst others.
  The logic of download/upload for PO confirmations and ASNs is equal, but the templates differ. Both will be explained in this chapter.

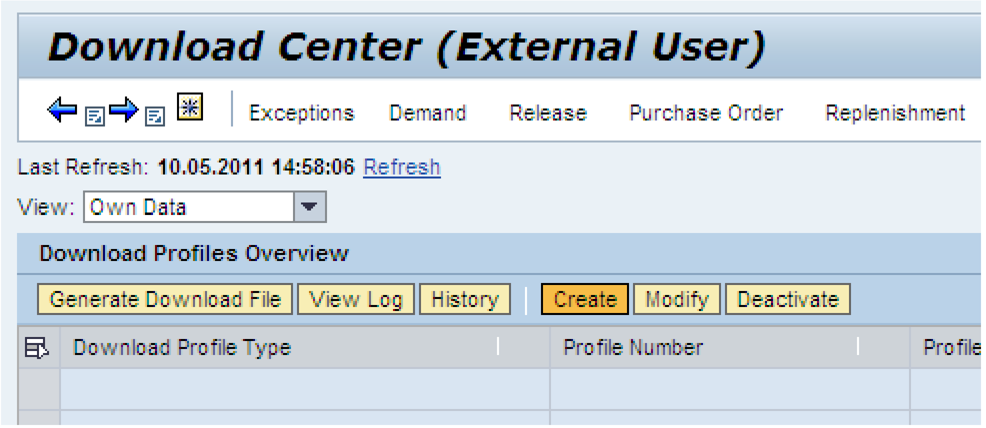
- Guidelines:
  - FTR (download/upload) can be used to process a high data volume, and/or in case the network connection is not optimal to smoothly run the web portal
  - The uploading process is sensitive: the template should be exactly followed and filled in the right way
  - Always download the template file first, save it locally on your pc, fill it with data and then upload it into SNC
  - The file extension is csv (comma separated value) and should not be changed
  - The result of an upload is directly visible via “View Log”.

File Transfer Menu: Download Center

- From the menu, choose Tools → File Transfer → Download Center

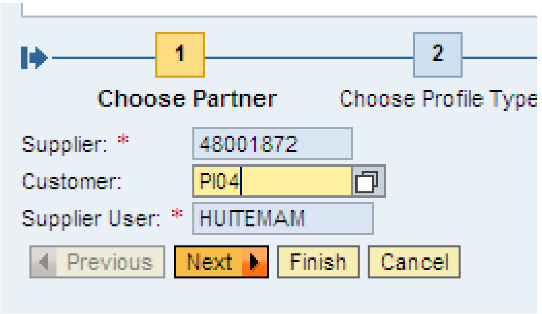


- The first time, you will need to create a Download Profile.
  This profile can be re-used to make periodic (daily/weekly) downloads.
- Click the Create Button

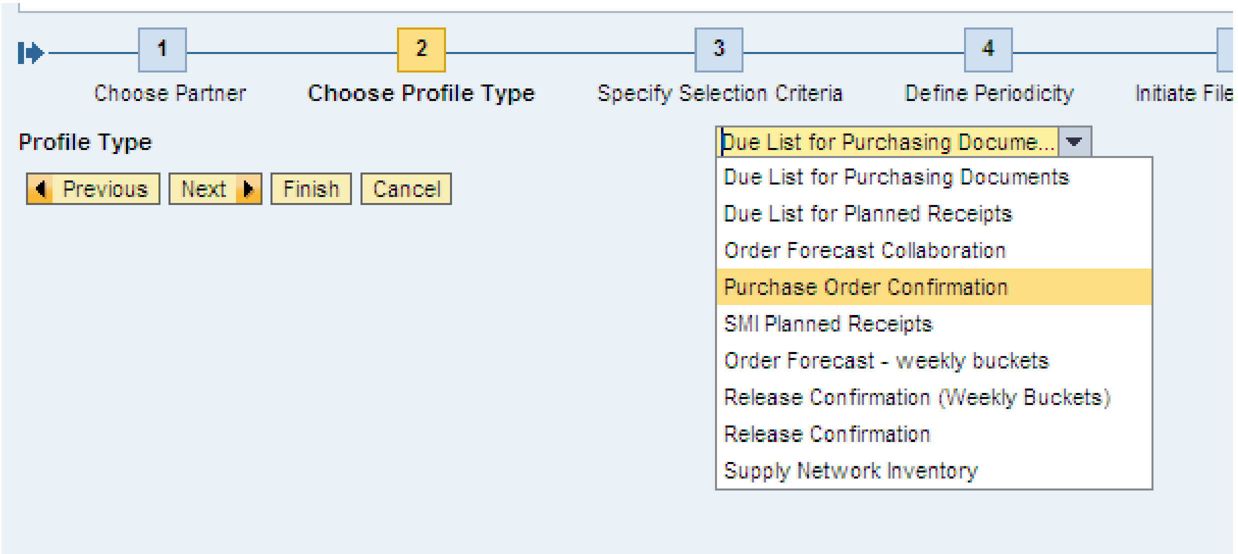


Create Download Profile

- Step1: Enter the Customer (Philips location). If you don't know the customer code, select it using the Search Help button

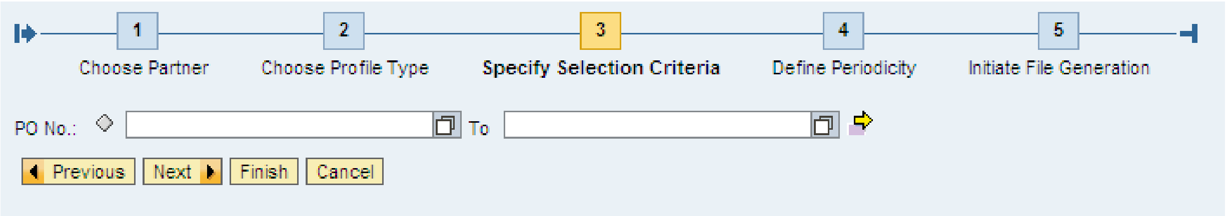


- Step2: Select the **profile type**. In this case relevant options are:
  - Purchase Order Confirmation = make a download to confirm PO's
  - Due List for Purchasing Documents = used for <u>ASN</u> creation
- You need to make (at least) one download profile per process: one for PO confirmations (per customer!), one for ASN creation per customer.

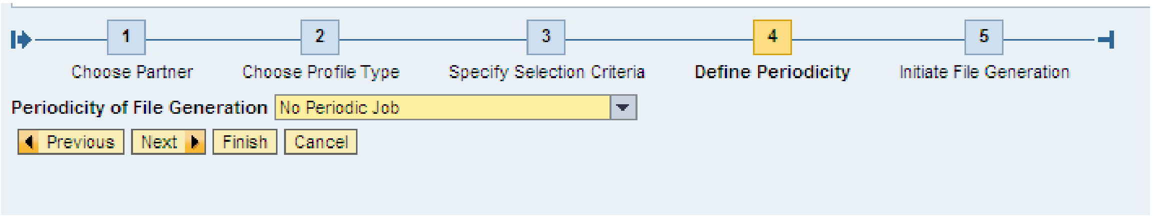


Create Download Profile

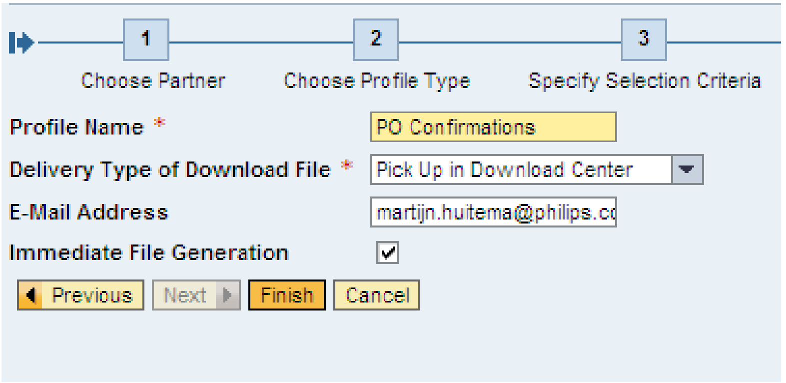
Step 3 – click Next (do not restrict on PO numbers)



Step 4 – click Next (do not choose periodic job)

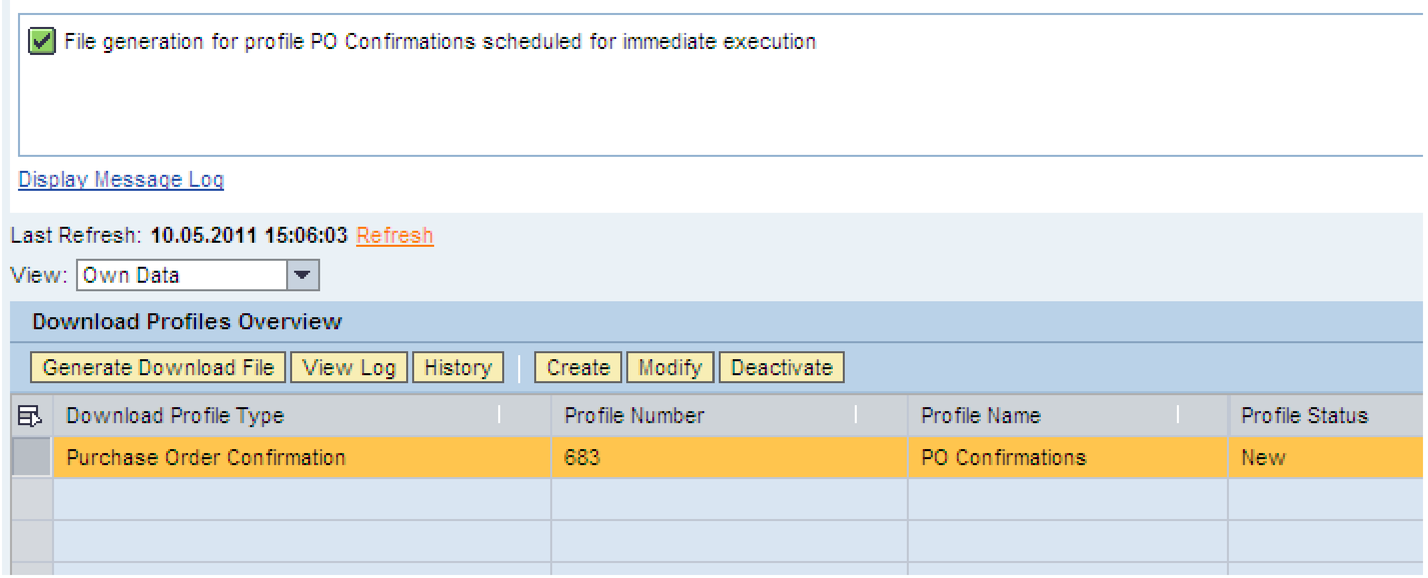


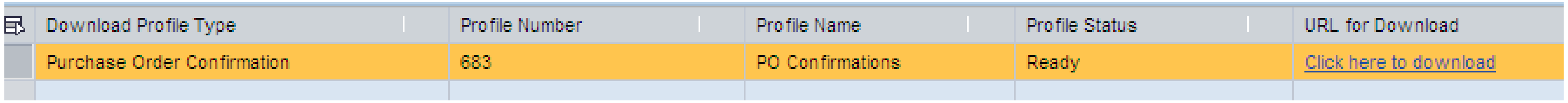
Step5: Provide a meaningful name for your download profile. If you supply to multiple Philips locations, it is wise to mention the customer code in the profile name.
Leave the other settings as-is. Click Finish.



Create Download Profile

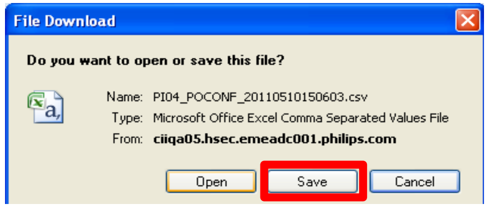
The first download file will now be generated immediately, at first it will be Queued. Click the refresh button until the status changes to Ready.





Download the file locally

Download the excel file, making sure the file extension / format remains unchanged.
It is recommended to first save it locally on your pc.
Afterwards open the file from the local source (desktop, C-drive).



You can adjust the column width, to view the columns with all information showing

	A	B	C	D	E	F	G	H	I	J	K	L
1	Interface Type:	POCONF										
2	Owner Partner:	48001872										
3	Partner:	PI04										
4	Selection Profile:	683										
5	Created By:	HUITEMAM										
6	Created On:	10.05.2011 15:06:03 CET										
7												
8												
9												
10												
11	ORDER_ID	ITEM_ID	REQUESTED	CONFIRMED	TO_BE_CONF	REJECT	PRODUCT_ID	QUANTITY	QUANTITY_UNIT	DELIVERY_DATE	DELIVERY_TIME	DELIVERY_TZO
12	PO No.	PO Item No.	Requested	Confirmed	To Be Confirmed	To Be Rejected	Product	Quantity	UoM	Deliv. Date	Deliv.Time	DlvTZ
13	2515162731	20	X				_442240050903	998	PC	12.04.2011	12:00:00	CET
14	2515162731	20			X		_442240050903	998	PC	12.04.2011	12:00:00	CET
15												

How to use the PO Confirmation template

For every PO item there are two rows. The first row is shows the requested qty/date. The second row you can input your confirmed qty/date. In case of a split, you can create an extra row.

Each line in your file with the X at “To be Confirmed” will be confirmed in SNC when you upload the spreadsheet.

ORDER_ID	ITEM_ID	REQUESTED	CONFIRMED	TO_BE_CONF	REJECT
PO No.	PO Item No.	Requested	Confirmed	To Be Confirmed	To Be Rejected
2515162731	20	X			
2515162731	20			X	

In case there are unconfirmed items in the spreadsheet that you do not want to confirm yet (for example because you do not know the confirmation date), please remove these lines from the upload file!

It is possible to remove rows, but never remove columns. All columns are required for the system to properly load the file.

Do not add new tabs in the spreadsheet!

Check if the symbols . and , are correctly used, representing decimals / thousands, according to your country settings in Windows

Entering PO confirmations in the upload file

You can change the quantity and the delivery date. Please make sure also the shipping date columns are filled. You can just copy them from the request row.

QUANTITY	QUANTITY_UNIT	DELIVERY_DATE	DELIVERY_TIME	DELIVERY_TZONE	SHIPPING_DATE	SHIPPING_TIME	SHIPPING_T
Quantity	UoM	Deliv. Date	Deliv.Time	DlvTZ	Ship. Date	Ship. Time	ShipTZ
998	PC	12.04.2011	12:00:00	CET	11.04.2011	12:00:00	CET
998	PC	12.04.2011	12:00:00	CET			

In case you need to split a confirmation on multiple delivery dates, simply copy the Confirmed line and add a new row:

ORDER_ID	ITEM_ID	REQUESTED	CO	TO_BE_CONF	RE	PRODUCT_ID	RE	QUANTITY	QUANTITY_UNIT	DELIVERY_DATE	DELIVERY_TIME	DELIVERY_TZONE	SHIPPING_DATE
PO No.	PO Item No.	Requested	Co	To Be Confirmed	To	Product	Re	Quantity	UoM	Deliv. Date	Deliv.Time	DlvTZ	Ship. Date
2515257196	10	X				_932206413668		10.000	PC	27.11.2014	12:00:00	CET	00.00.0000
2515257196	10			X		_932206413668		4.000	PC	27.11.2014	12:00:00	CET	22.11.2014
2515257196	10			X		_932206413668		6.000	PC	28.02.2015	12:00:00	CET	23.02.2015

The same as in regular confirmations in the web portal view, SO (Sales Order) nr is a mandatory field in the Confirm row as well.

IIT	SALES_ORDER_REFERENCE	RE
	Reference Document Number of Sales Order	Re

How to use the ASN creation file

The template for ASN creation behaves the same as the one for PO confirmation upload.

View: Own Data

Download Profiles Overview

Generate Download File | View Log | History | Create | Modify | Deactivate

Download Profile Type	Profile Number	Profile Name	Profile Status	URL for Download
Purchase Order Confirmation	2016	PO download	Downloaded	Click here to download
Order Forecast - weekly buckets	2022	FCST weekly bucket	Downloaded	Click here to download
Purchase Order Confirmation	2026	po confirm	Downloaded	Click here to download
Order Forecast - weekly buckets	2033	FCST WEEKLY BUCKET0522	Downloaded	Click here to download
Purchase Order Confirmation	2052	PO confirmation	Downloaded	Click here to download
Due List for Purchasing Documents	2086	Due list for ASN	New	

In the ASN creation template you list the items which are contained in a certain delivery, by giving the ASN number next to each item.

If an ASN contains multiple items, the Delivery Date of each item needs to be equal (one ASN has one ETA date)

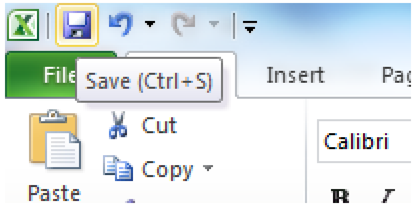
ORTYPENAME	ORDERID	ITMID	SDLID	ASNID	PRODUCT_NO	REV_LEVE	DUE_QTY	ASN_QTY	UNIT	SHIP_DATI	SHIP_TIME	DELV_DATE	WEIGHT_UNIT	SERIAL_NO	COO_CODE	MANUF_DATE
Order Type Description	Order Number	Item Number	SL No.	ASN Number	Product	RevLvl	Due Qty.	ASN Qty.	UoM	Shp.Date	Shp.Time	Plan. Delivery Date	Weight Unit	Serial Number	Cty	D.o. Manu.
Purchase Order	2525419763	10	1	ASN # 1	_932230285685		6,000	6,000	PC			30.08.2013	KG		JP	
Purchase Order	2525419764	10	1	ASN # 2	_932229848671		23,000	23,000	PC			30.08.2013	KG		JP	
Purchase Order	2525419764	20	1	ASN # 2	_932229848671		5,000	5,000	PC			18.09.2013	KG		JP	
Purchase Order	2525419759	10	1	ASN # 3	_932230285685		20,000	20,000	PC			30.08.2013	KG		JP	

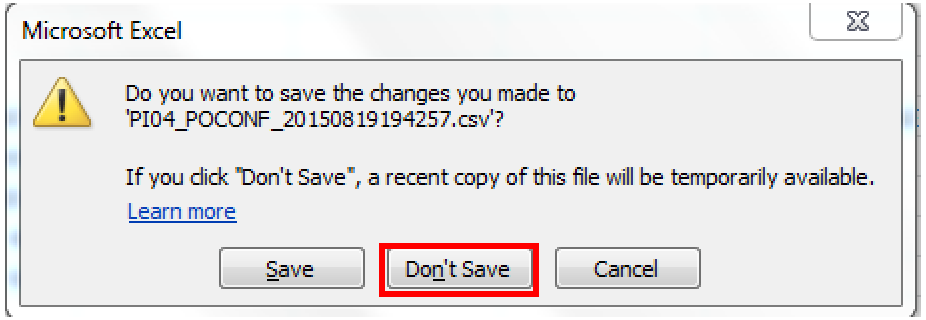
In case the agreed way of working is to provide Country of Origin for an ASN item, this can be entered in the column “COO_CODE”

Saving the file

After all PO confirmation or ASN details are provided in the respective Excel spreadsheet, the safest way to proceed is:

1. First press the Save button in Excel
2. Then close the file *without saving it*



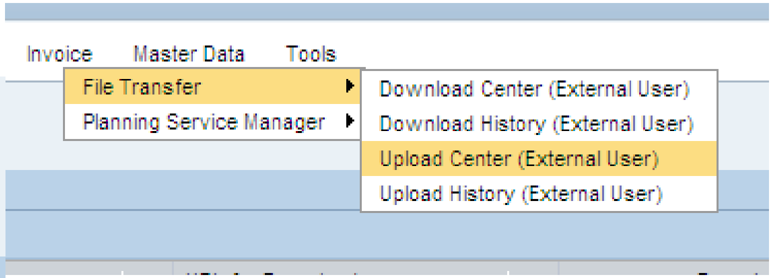


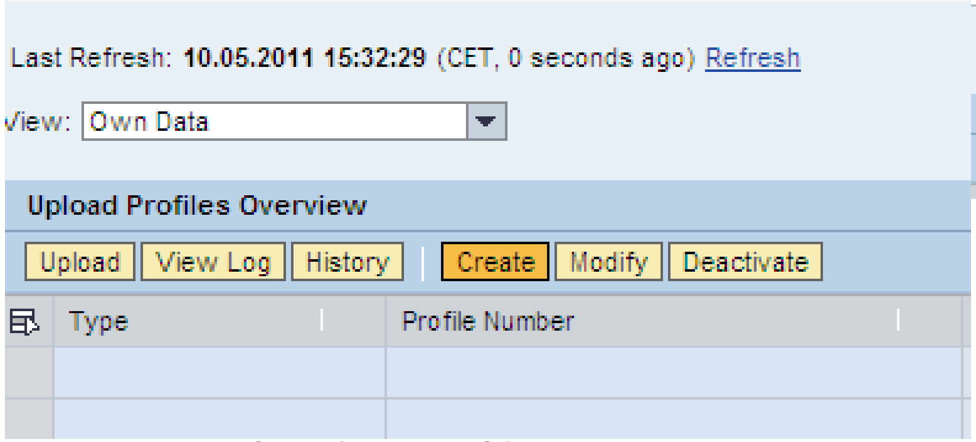
This way Excel will not try to give the file a different extension.

Create Upload profile

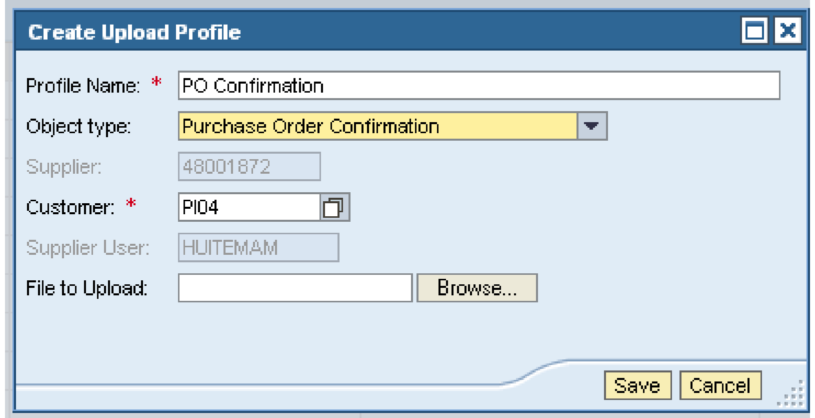
For each type of uploading (PO confirmation, ASN for a certain customer location) an Upload Profile needs to be setup once - it's re-usable.

- Go to Tools → File Transfer → Upload Center
- Press Create



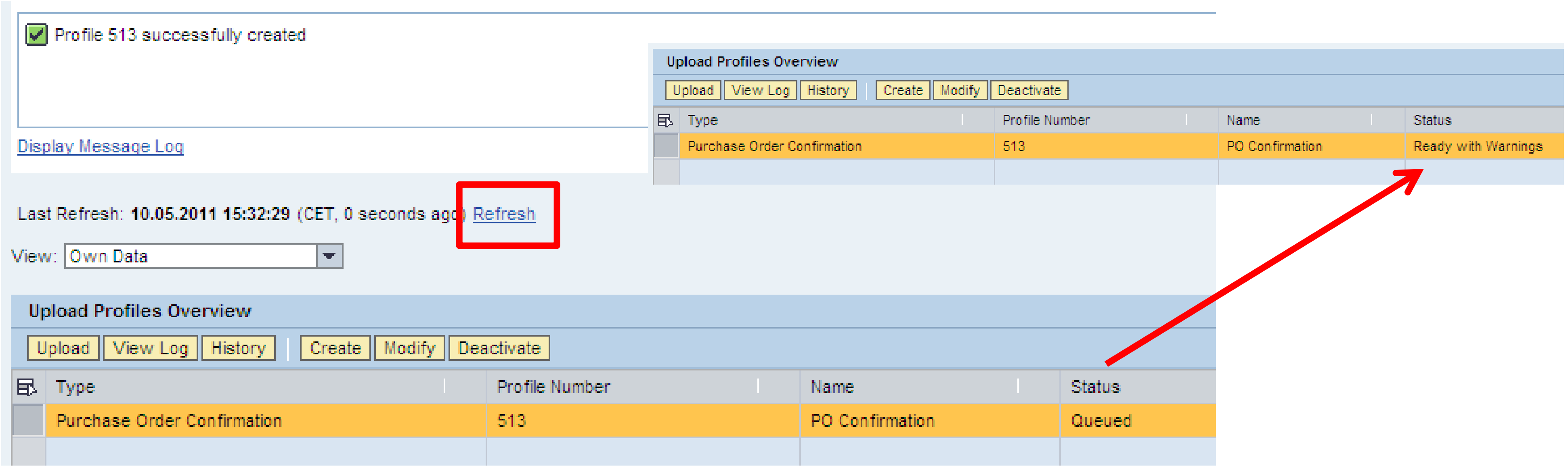


- Provide a relevant name for the profile
- Make sure you choose the correct object type
- (here: Purchase Order Confirmation).
- Select the Customer
- You can directly fill your first upload by Browse:



Uploading process

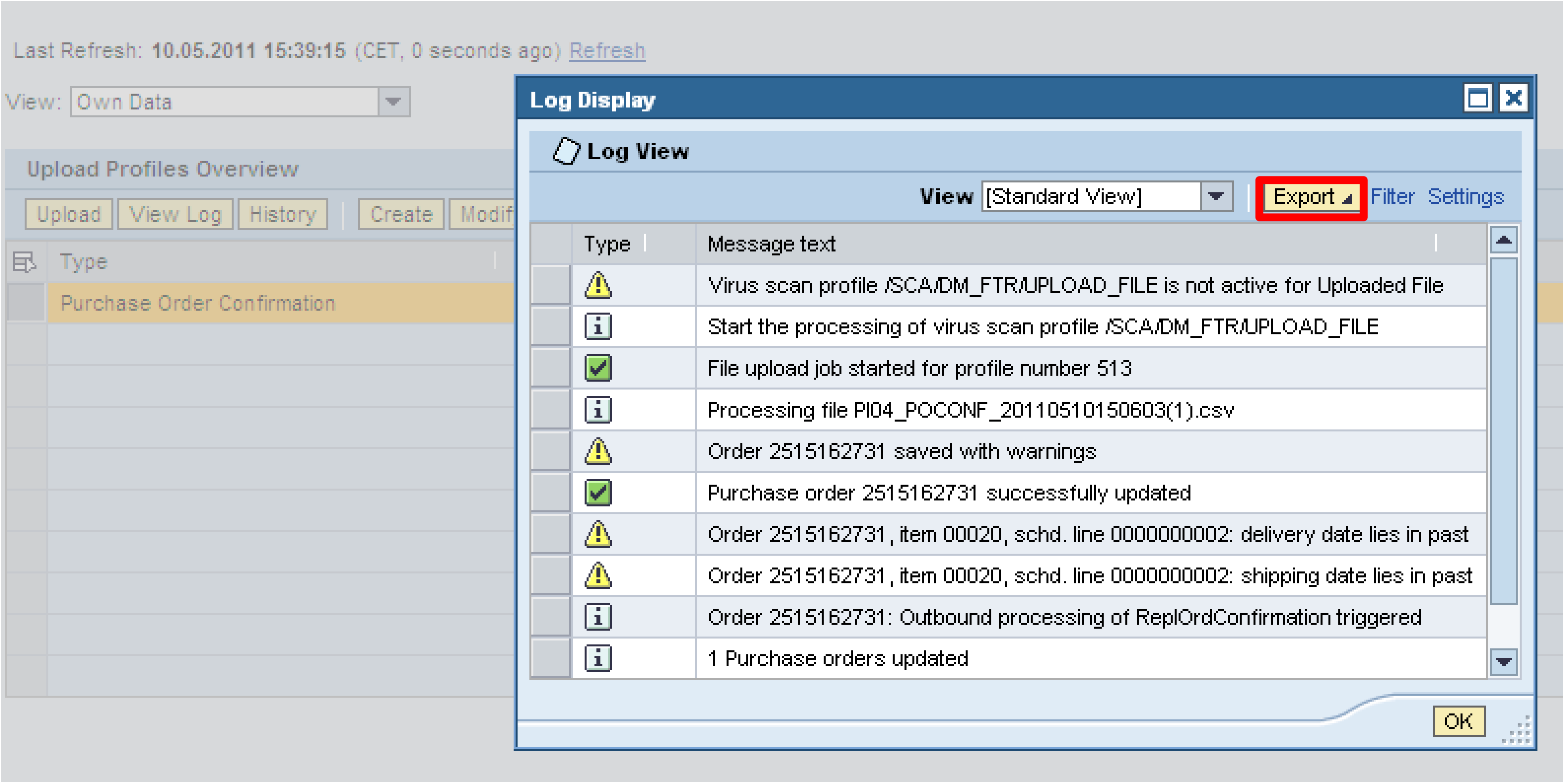
After having entered the upload file and pressing Save, the status is first “Queued”
Press Refresh until the file is processed.



If the file goes into error, click the View Log button, to find the error message.
In communication with your Philips contact person, always send a copy of this log file, so we can better help you to solve the issue.

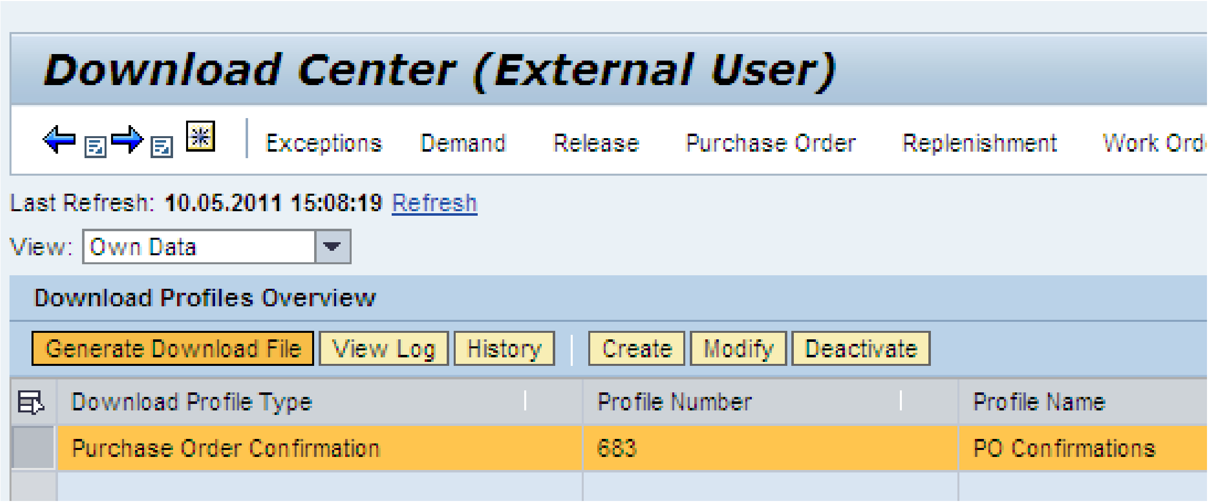
Error log after uploading

- If you want to share the Error log with your Philips contact person, press Export → Excel

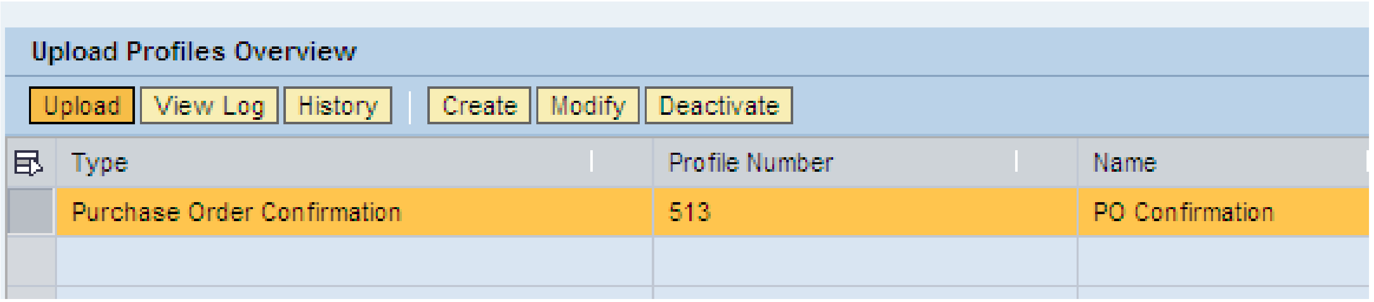


Downloading/uploading routine

To re-use an existing download profile in the **Download Center**, select the row and click Generate Download File. After Refresh it becomes Ready for download. You need to generate a new download file to get the most recent data from SNC

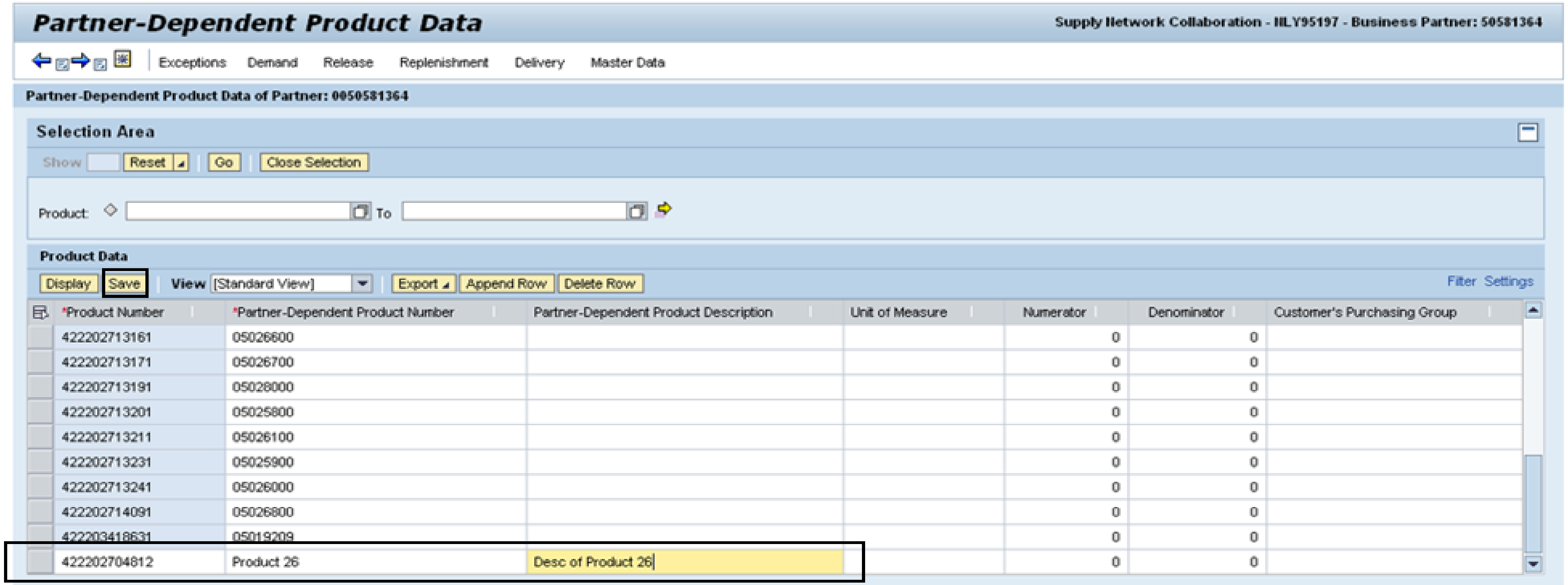


And for re-using the upload profile in the **Upload Center**, select the line and click Upload.



Maintain your own part numbers

- To maintain your own description of materials, go to Master Data -> Partner Dependent Data -> Partner Dependent Product Data
- Enter the Product description and press Save.
- After this, you will be able to see your own descriptions in the SNC screens



*Product Number	*Partner-Dependent Product Number	Partner-Dependent Product Description	Unit of Measure	Numerator	Denominator	Customer's Purchasing Group
422202713161	05026600			0	0	
422202713171	05026700			0	0	
422202713191	05028000			0	0	
422202713201	05025800			0	0	
422202713211	05026100			0	0	
422202713231	05025900			0	0	
422202713241	05026000			0	0	
422202714091	05026800			0	0	
422203418631	05019209			0	0	
422202704812	Product 26	Desc of Product 26		0	0	

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