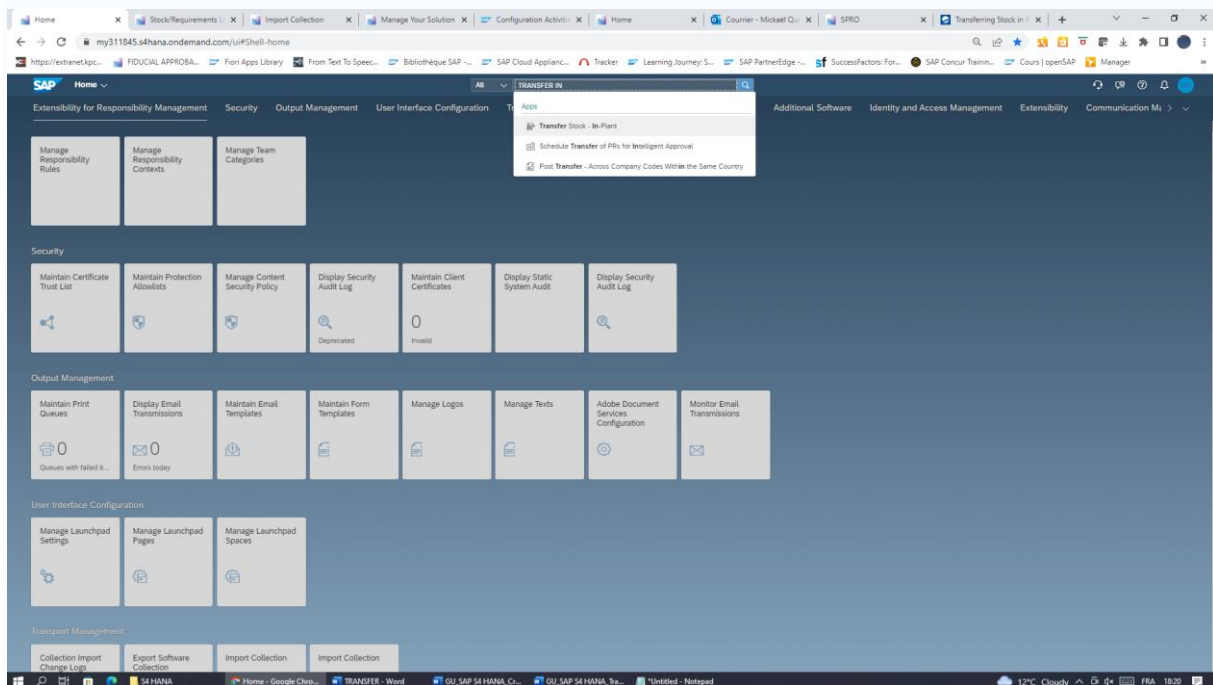


Transferring Stock in Plant with SAP S/4HANA (FIORI)

The essence of stock transfer posting is that two organizational units are affected by the material posting so that an issuing and a receiving organizational unit are involved.

The issuing organizational unit is the place where the goods are taken from, and the receiving organizational unit is where the goods are received. Generally, transfer postings might occur between two storage locations in the same plant. This document explores in-plant stock transfer with [SAP S/4HANA](http://www.kpcconsulting.fr).

The Stock Transfer – In-Plant app (F1061) opens after you click the **Stock Transfer – In- Plant** tile. Select your **Material** and **Plant**, as shown in this figure:

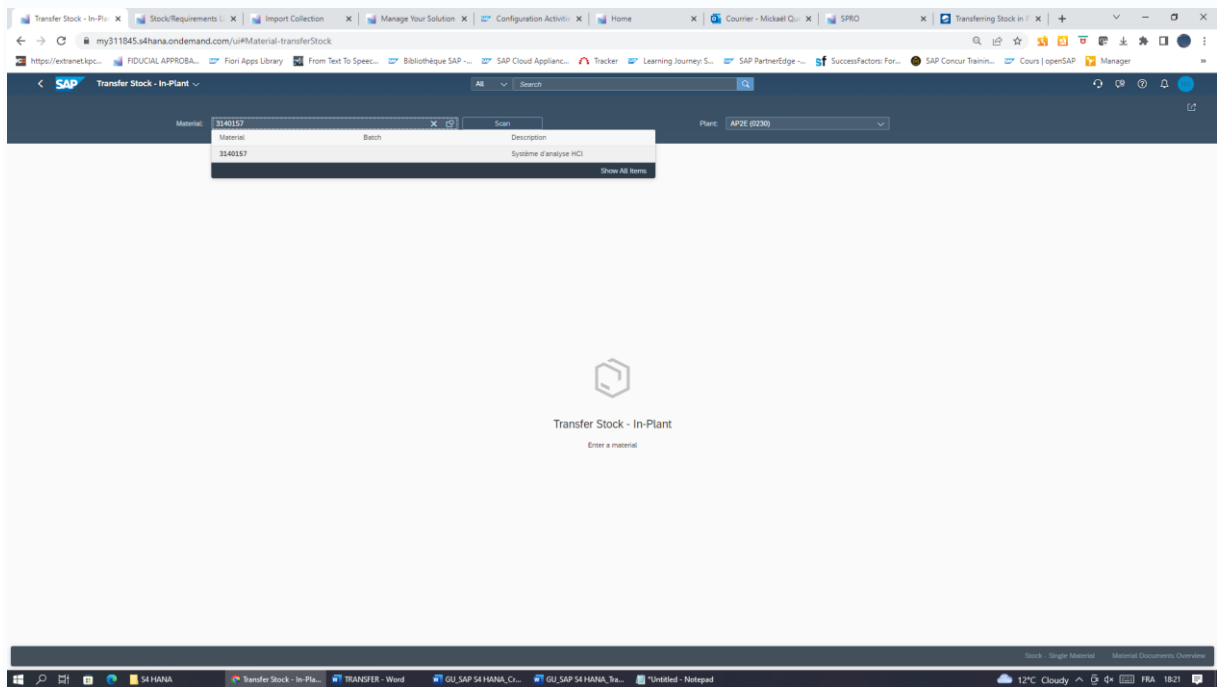
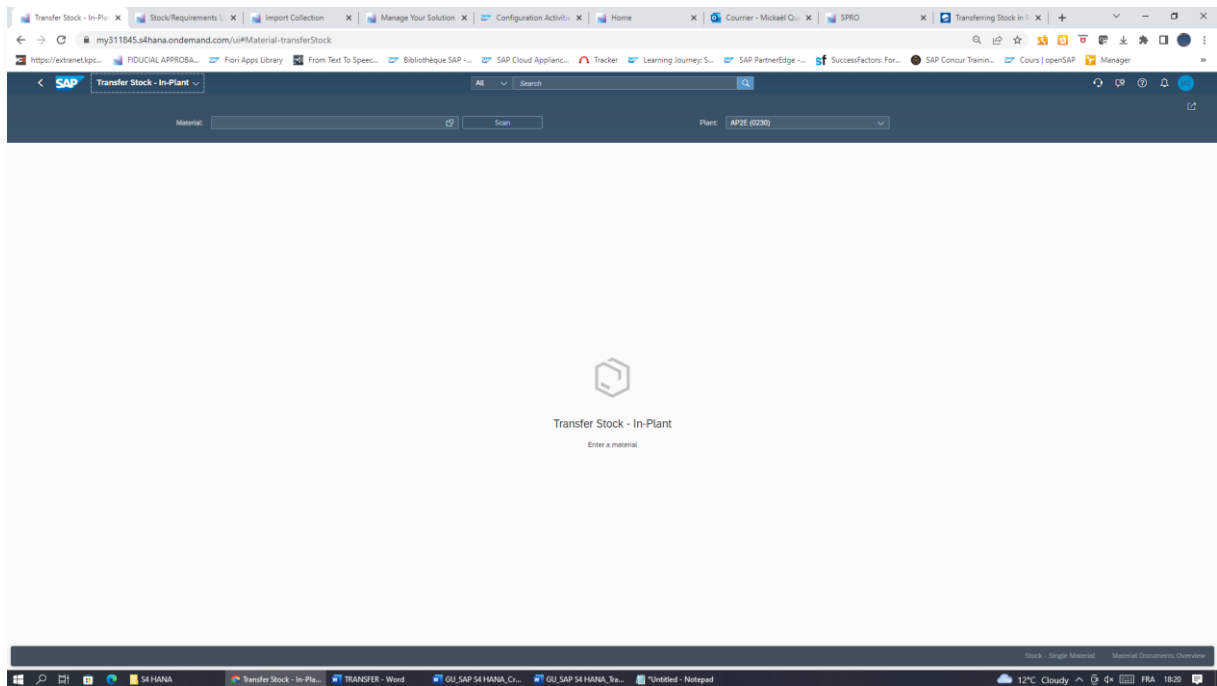


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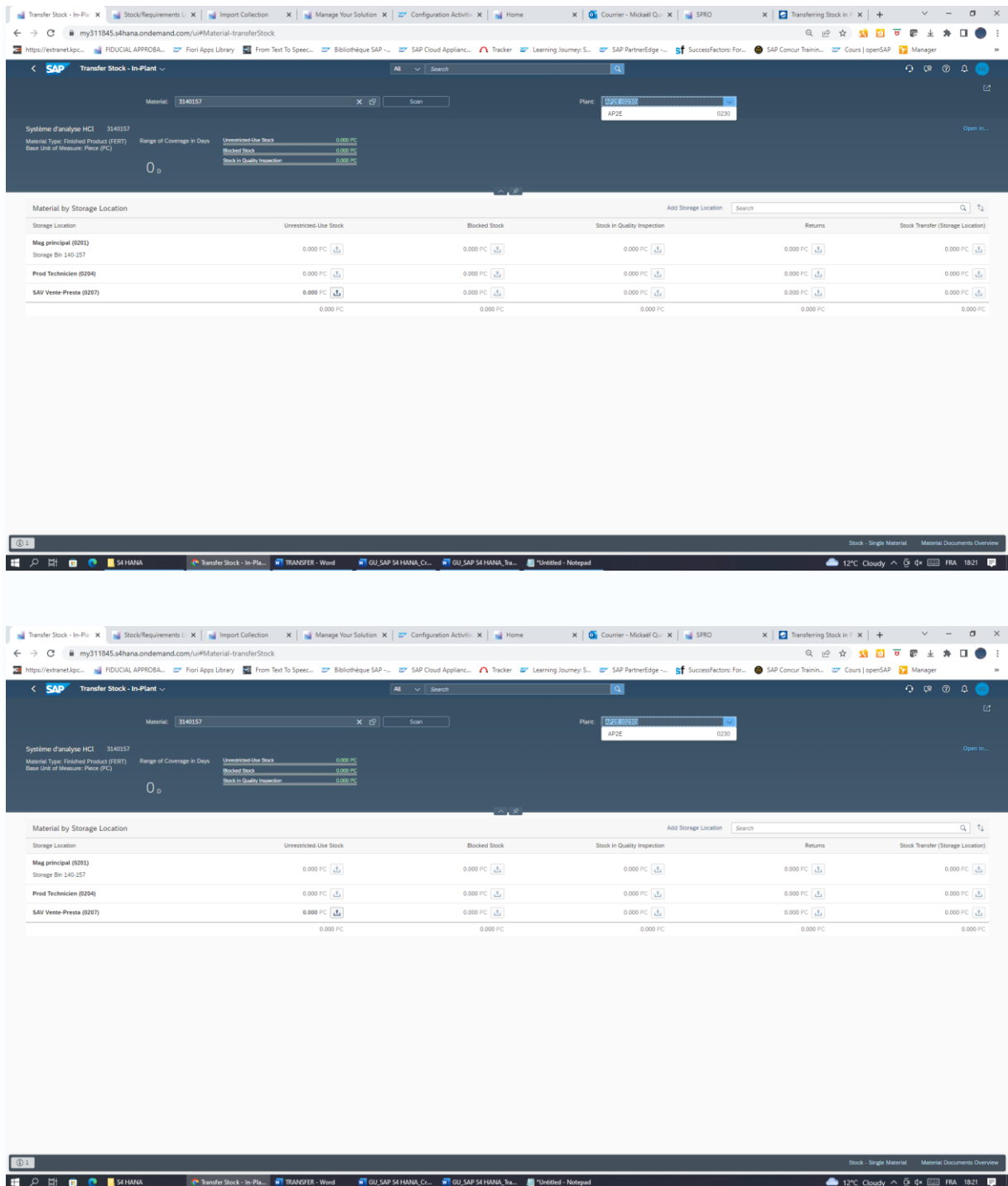


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The screenshot displays the SAP 'Transfer Stock - In-Plant' interface. At the top, the material '3140157' is entered, and the plant 'APZE' is selected. Below this, a 'Système d'analyse HCL' section shows a 'Range of Coverage in Days' of 0. A table titled 'Material by Storage Location' lists three storage locations: 'Mag principal (0293)', 'Prod Technicien (0294)', and 'SAV Vente Presta (0297)'. Each location has columns for 'Unrestricted-Use Stock', 'Blocked Stock', 'Stock in Quality Inspection', 'Returns', and 'Stock Transfer (Storage Location)'. All stock values are currently 0.000 PC.

Storage Location	Unrestricted-Use Stock	Blocked Stock	Stock in Quality Inspection	Returns	Stock Transfer (Storage Location)
Mag principal (0293)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
Prod Technicien (0294)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
SAV Vente Presta (0297)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC

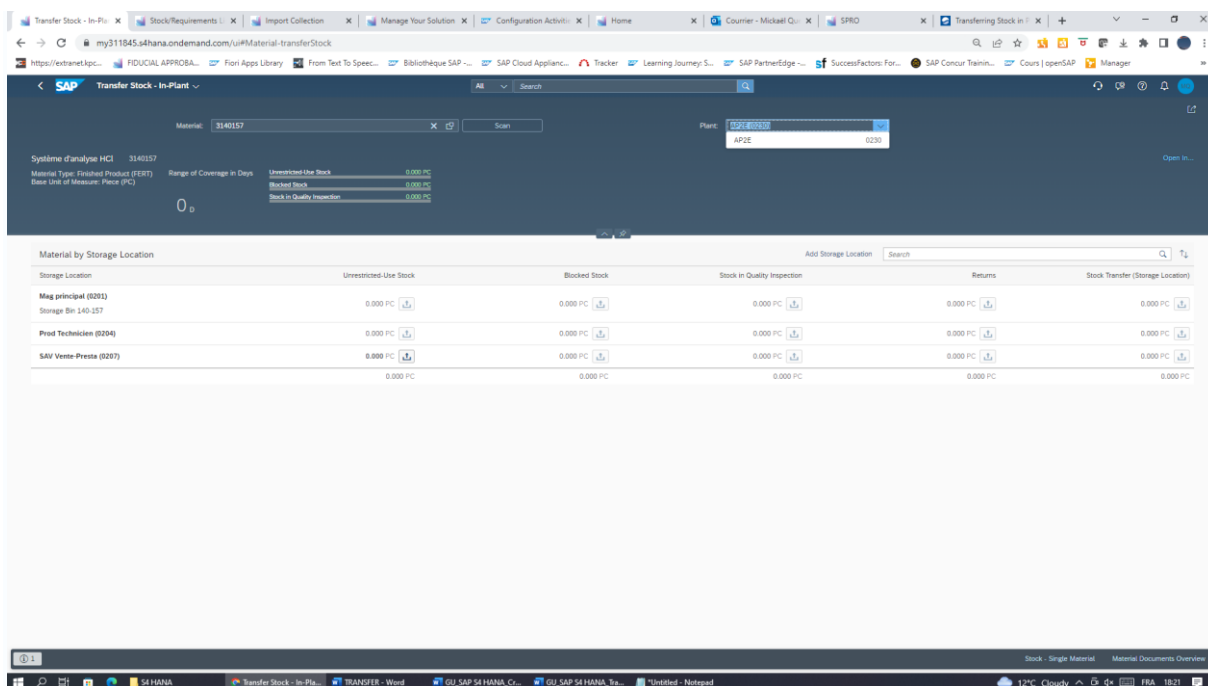
After you select the material, a micro chart showing the [material master](#) information for three major stock types appears, as shown in the next figure:

- **Unrestricted-Use Stock**

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- **Blocked Stock**
- **Stock in Quality Inspection**



SAP Fiori - Transfer Stock - In-Plant

Material: 3140157 | Plant: 0230

Range of Coverage in Days: 870

Unrestricted-Use Stock: 0.000 PC
Blocked Stock: 0.000 PC
Stock in Quality Inspection: 0.000 PC

Storage Location	Unrestricted-Use Stock	Blocked Stock	Stock in Quality Inspection	Returns	Stock Transfer (Storage Location)
Mag principal (0201)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
Storage Bin 140-157	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
Prod Techniques (0204)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
SAV Vente-Preste (0207)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC

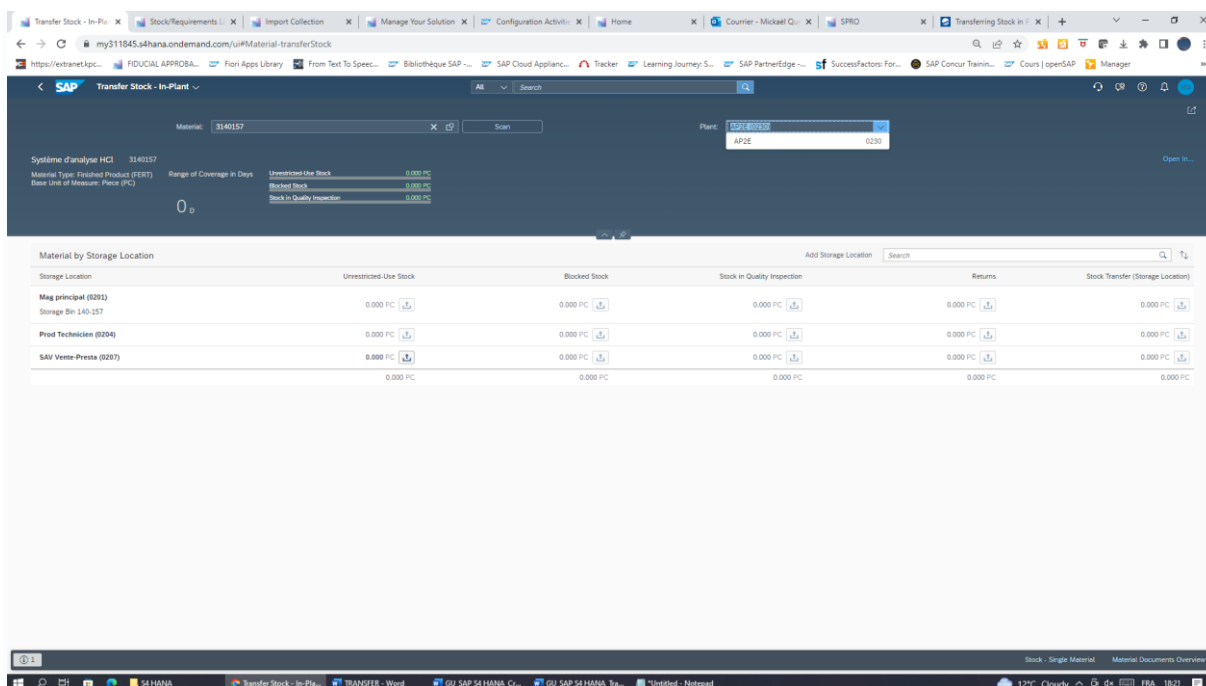
A calculation of an important inventory key performance indicator (KPI) is included in the header by calculating the range of coverage on the fly when the material is selected. In the given example, the range of coverage is calculated with 870 days. This feature is an example of embedded analytics, which are part of transactional applications, and outlines one major benefit of SAP S/4HANA and [SAP Fiori](https://www.sap.com/fiori) apps.

The transfer posting within the same plant is based on a touch-enabled usability concept by providing buttons for selecting the source and target storage location. This enables the app to be easily used on mobile devices.

After you enter the **Material** and **Plant**, the results table is shown (see below) and contains all storage locations and their stock information for the selected plant and material combination. In addition, an overall sum of each stock type is shown at the end of each column.

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The screenshot shows the SAP Transfer Stock - In-Plant interface. At the top, there's a header with the SAP logo and navigation tabs. Below the header, there's a search bar and a material selection field. The main area displays a table with stock data for material 3140157. The table has columns for Storage Location, Unrestricted-Use Stock, Blocked Stock, Stock in Quality Inspection, Returns, and Stock Transfer (Storage Location). The data is organized into rows for different storage locations: Mag principal (0293), Prod Technicien (0294), and SAV Vente-Presta (0297). Each row shows the stock quantity in PC (Pieces) for each category.

Storage Location	Unrestricted-Use Stock	Blocked Stock	Stock in Quality Inspection	Returns	Stock Transfer (Storage Location)
Mag principal (0293)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
Prod Technicien (0294)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
SAV Vente-Presta (0297)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC

The columns for the stock types are based on the configuration in table T200A. If a stock type is maintained in table T200A, the related column is displayed accordingly.

A result line for a storage location is shown when the material master record for the material is already maintained for the storage location. If the material master record isn't maintained accordingly yet, the application offers an **Add Storage Location** feature to select storage locations that aren't assigned to the material in the material master record as of now. Click **Add Storage Location** (top of table) to access the **Select Storage Location** screen shown below, and select the appropriate checkbox.

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Transfer Stock - In-Plant

Material: 3140157 Plant: 0200 (0200) APZE

Système d'analyse HCl 3140157
Material Type: Finished Product (FERT)
Base Unit of Measure: Piece (PC)

Range of Coverage in Days

Unrestricted-Use Stock	0.000 PC
Blocked Stock	0.000 PC
Stock in Quality Inspection	0.000 PC

0.0

Material by Storage Location

Storage Location	Unrestricted-Use Stock	Blocked Stock	Stock in Quality Inspection	Returns	Stock Transfer (Storage Location)
Mag principal (0203)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
Storage Bin 140-157					
Prod Technicien (0204)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
SAV Vente-Pressa (0207)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC

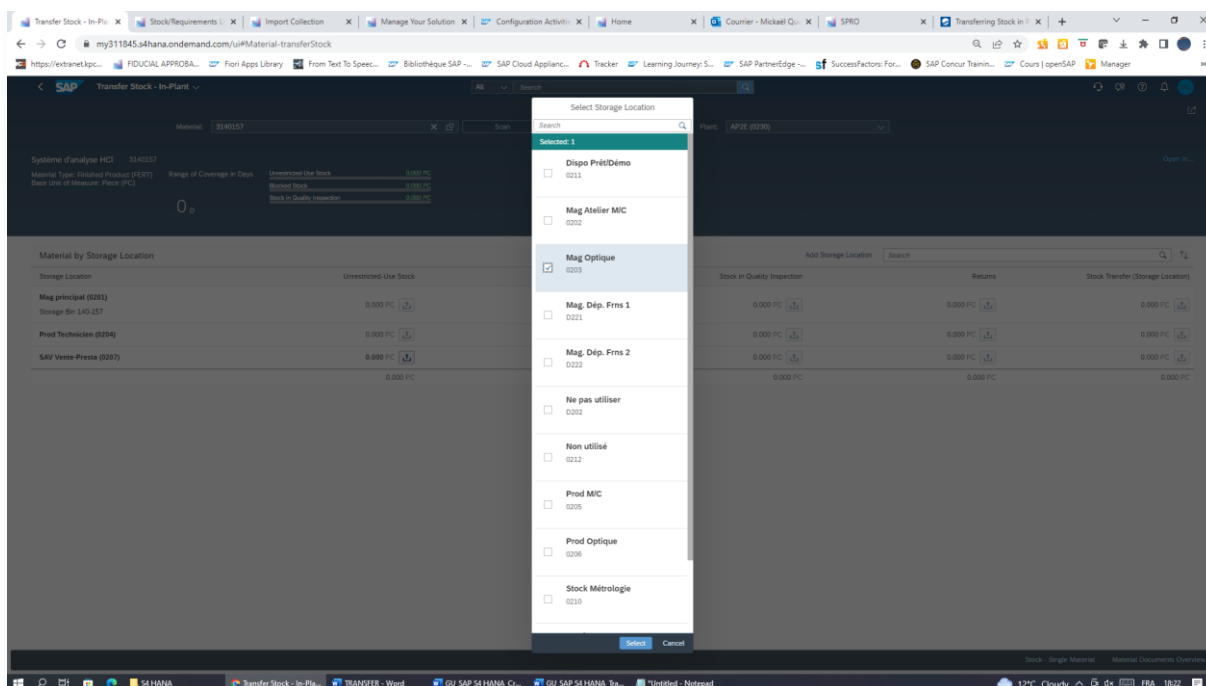
Select Storage Location

- ☐ Dispo Prêt/Démo 0211
- ☐ Mag Atelier MIC 0202
- ☐ Mag Optique 0205
- ☐ Mag. Dép. Frms 1 0221
- ☐ Mag. Dép. Frms 2 0222
- ☐ Ne pas utiliser 0208
- ☐ Non utilisé 0212
- ☐ Prod MIC 0206
- ☐ Prod Optique 0209
- ☐ Stock Métrologie 0210
- ☐ Stock RAD 0204

Select Cancel

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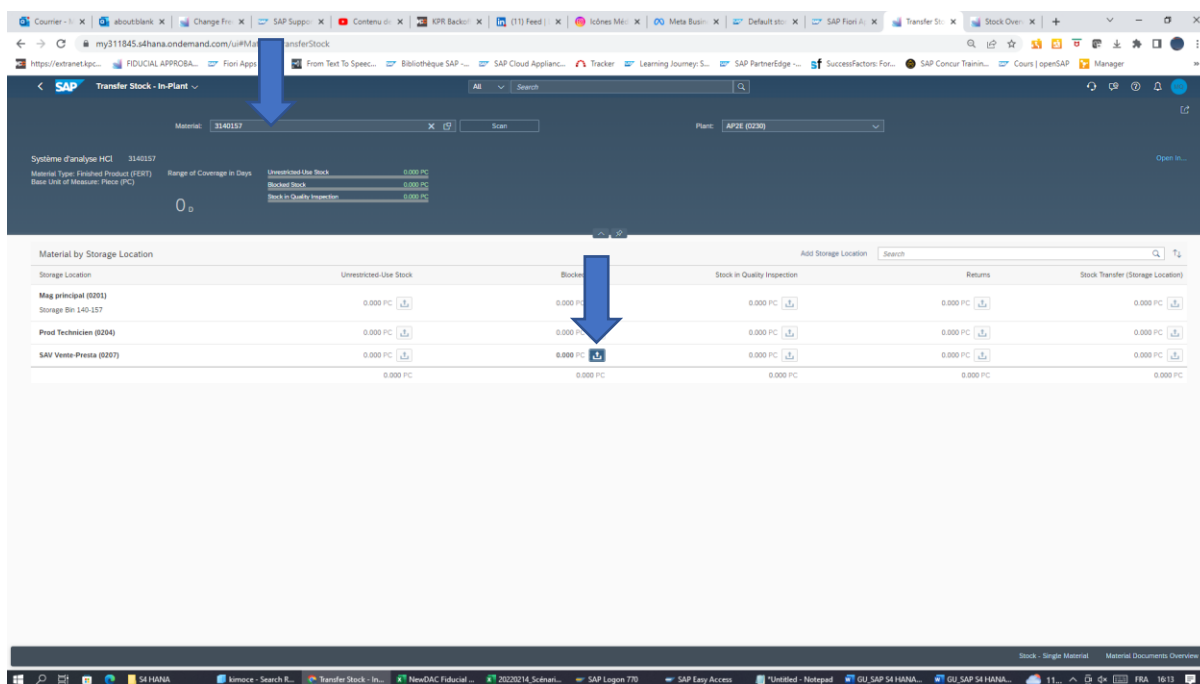
With the first material movement into this storage location, the material master record is updated automatically. As a prerequisite, you must set the **Create Storage Location Automatically** option in Customizing. In this setting, you can define whether this feature should be enabled on the plant and/or storage location level.

This setting is available in SAP S/4HANA as an IMG activity and in [SAP S/4HANA Cloud](https://www.sap.com/products/cloud-s4) as Self-Service Configuration UI (SSCU).

Now let's discuss how a transfer posting is performed. As described, the results table contains buttons for selecting the sending storage location. You just have to click the related button as outlined in the figure below. After the selection is made, the button is marked as active and the allow transfer posting target buttons are kept active so that you can select the target location by just selecting the second button.

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Material: 3140157

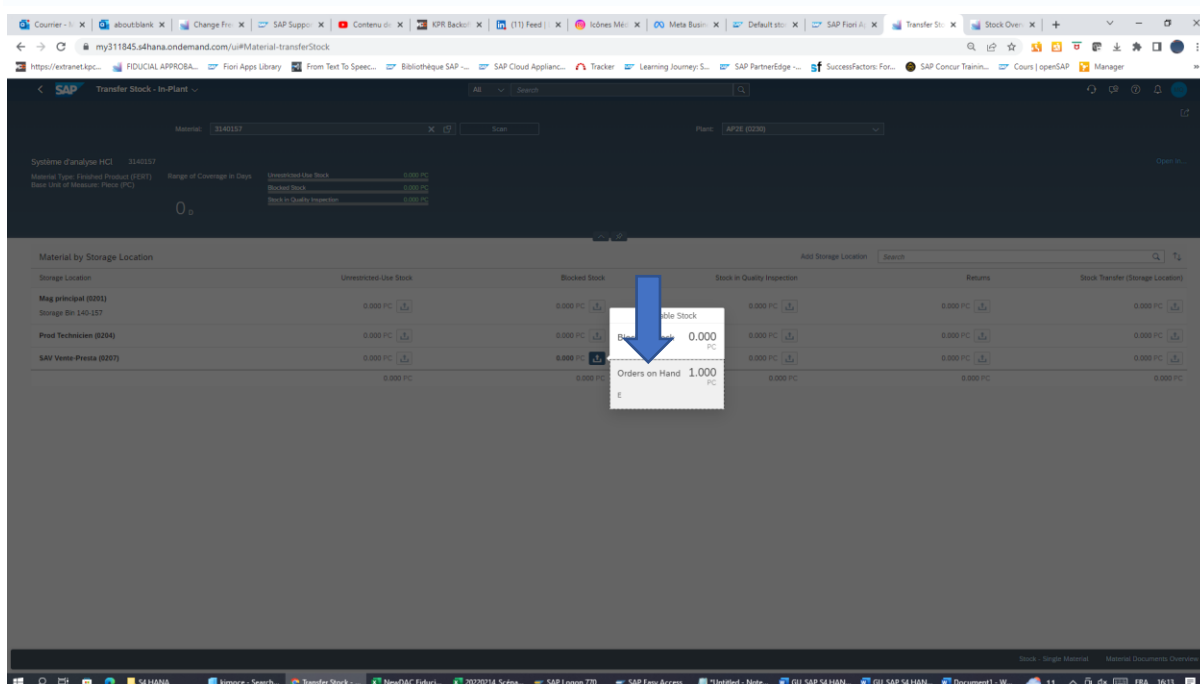
Plant: AFZE (2200)

Range of Coverage in Days

Unrestricted Use Stock	Blocked Stock	Stock in Quality Inspection
0.000 PC	0.000 PC	0.000 PC

Material by Storage Location

Storage Location	Unrestricted Use Stock	Blocked Stock	Stock in Quality Inspection	Returns	Stock Transfer (Storage Location)
Mag principal (0201)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
Storage Bin 140-157	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
Prod Technicien (0204)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
SAV Vente-Presta (0207)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC



Material: 3140157

Plant: AFZE (2200)

Range of Coverage in Days

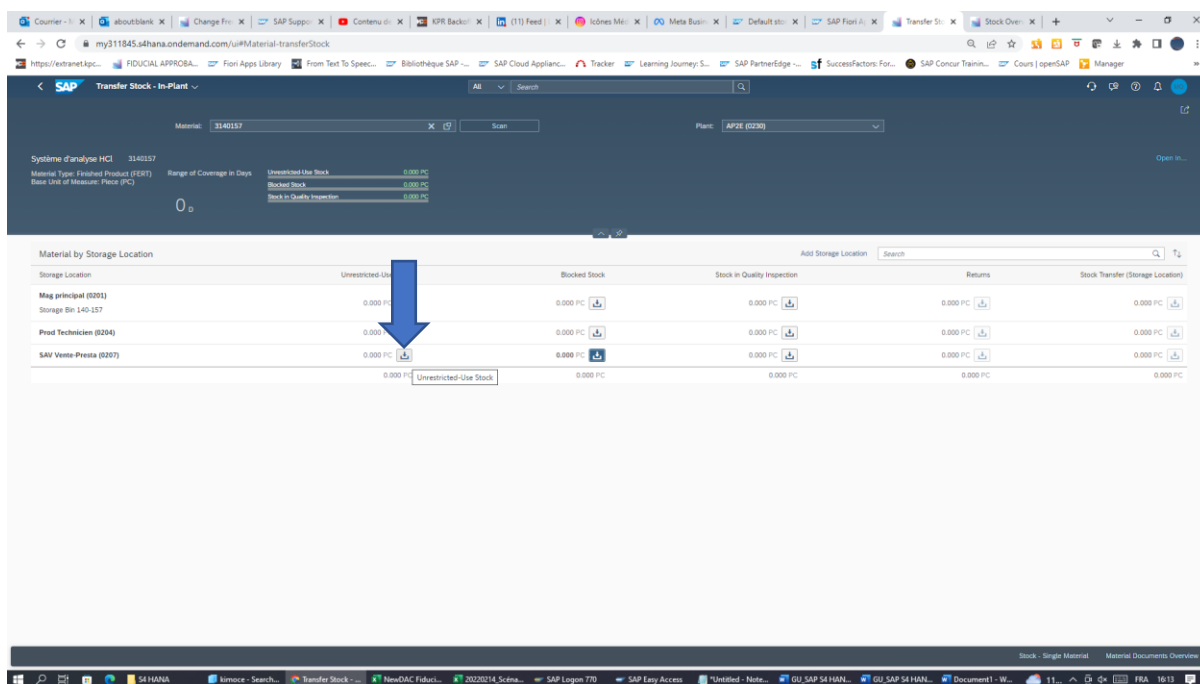
Unrestricted Use Stock	Blocked Stock	Stock in Quality Inspection
0.000 PC	0.000 PC	0.000 PC

Material by Storage Location

Storage Location	Unrestricted Use Stock	Blocked Stock	Stock in Quality Inspection	Returns	Stock Transfer (Storage Location)
Mag principal (0201)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
Storage Bin 140-157	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
Prod Technicien (0204)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC
SAV Vente-Presta (0207)	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC

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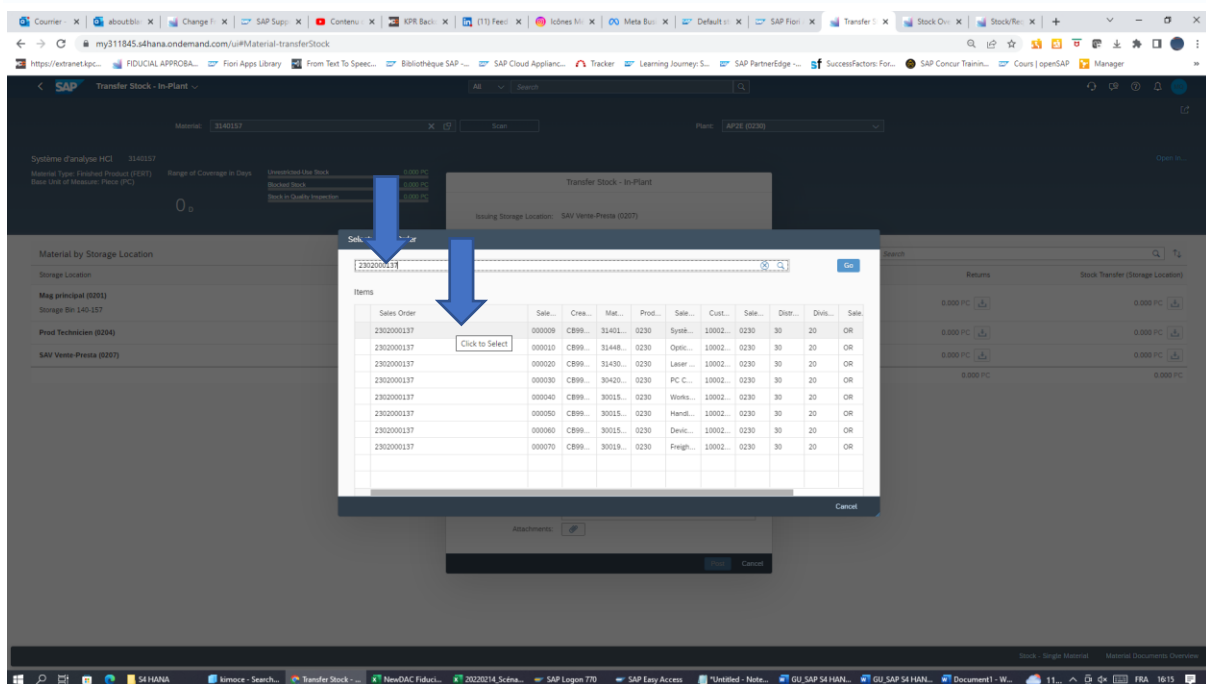
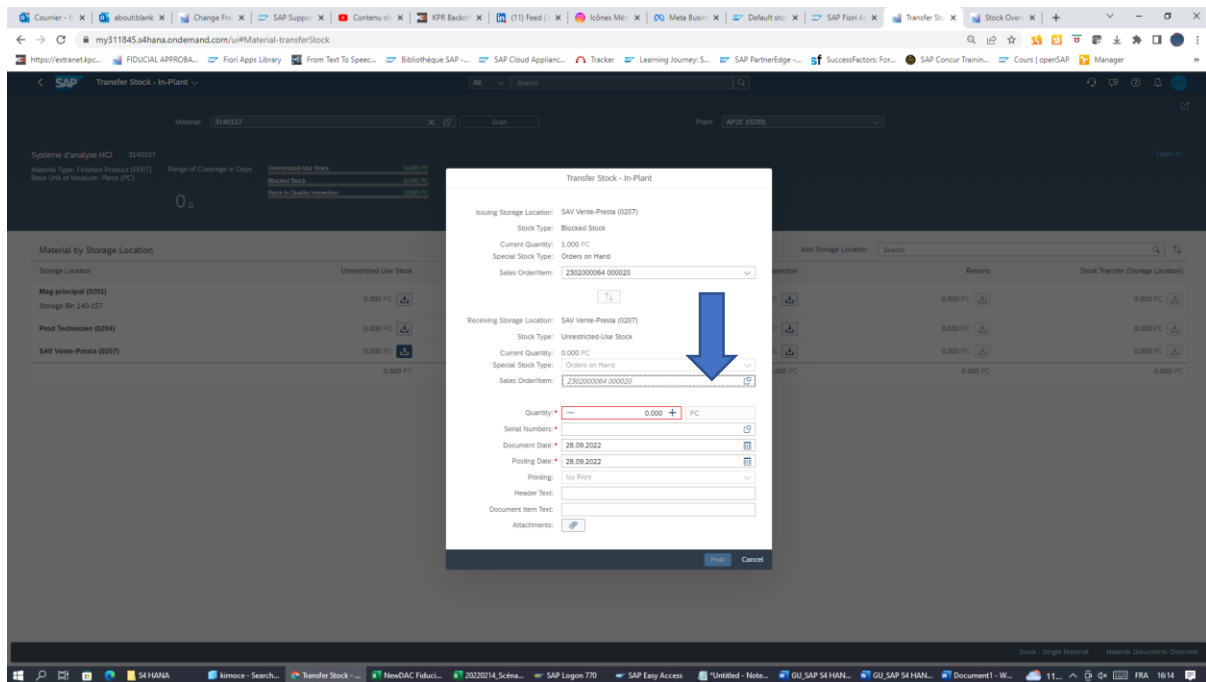


The selection of the button implicitly includes the selection of a certain movement type because the button is located in a specific column for a certain stock type (in the **Unrestricted-Use Stock** column, in our example).

After the target storage location is selected (second button clicked), a popup appears containing the input fields for required information for the material movement, as shown below. Enter your **Quantity** and date information (**Document Date** and **Posting Date**) in the mandatory fields.

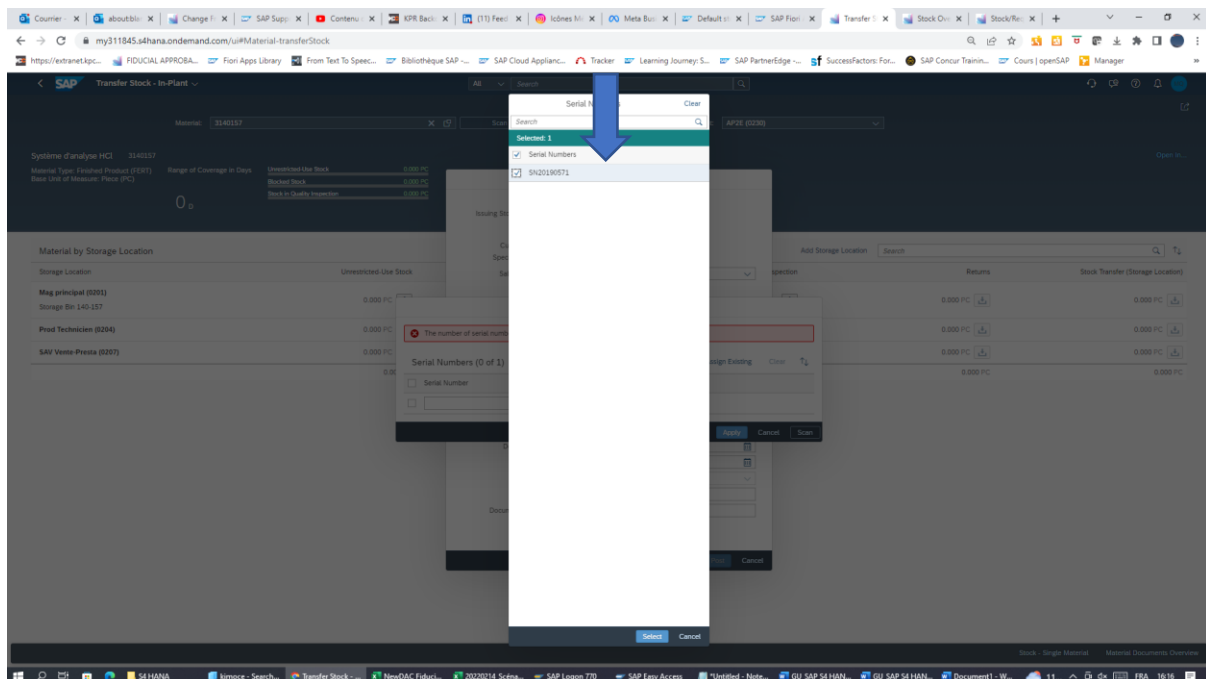
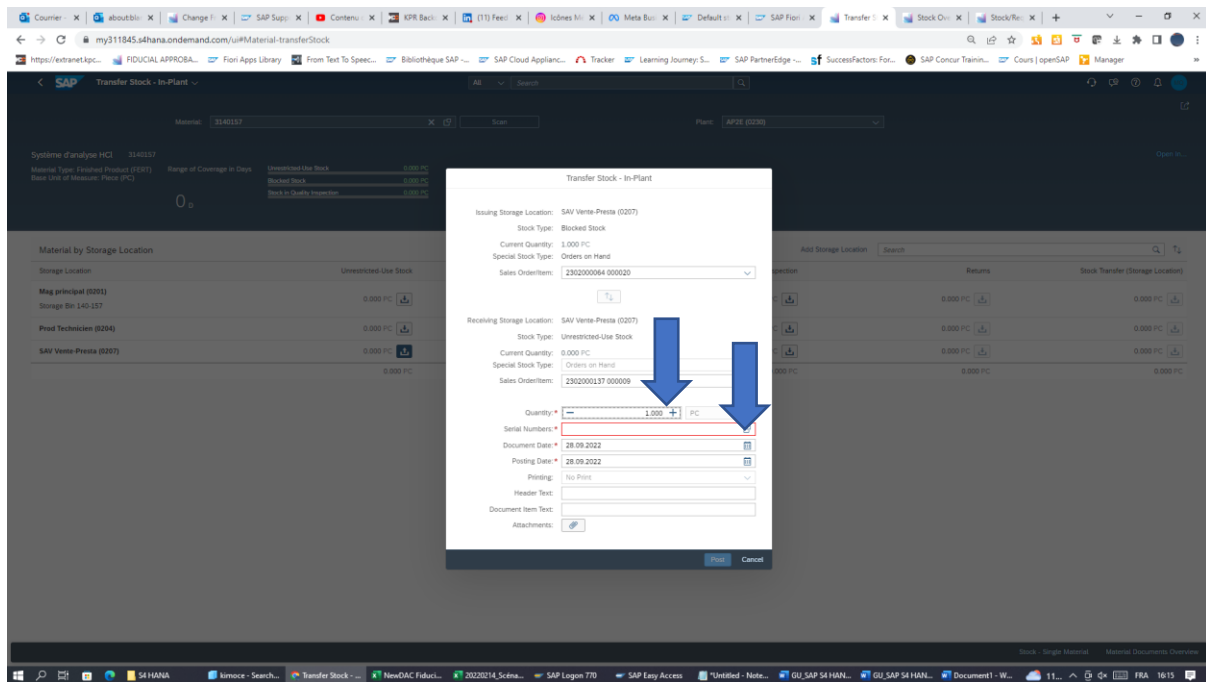
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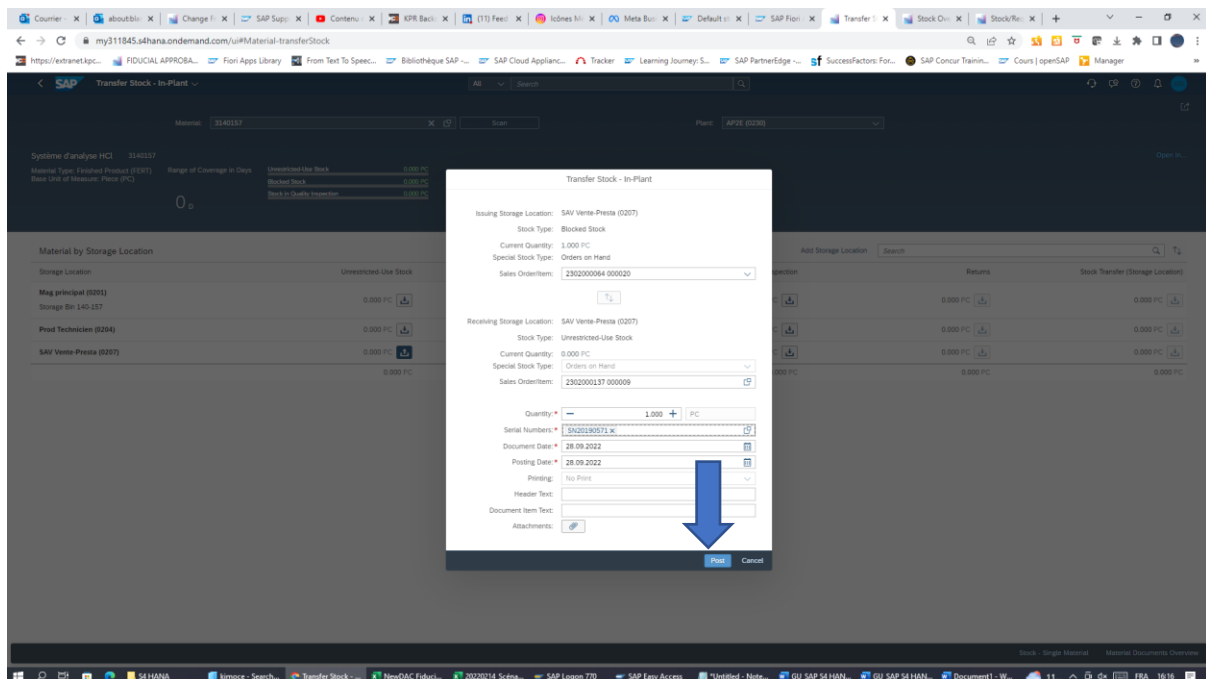
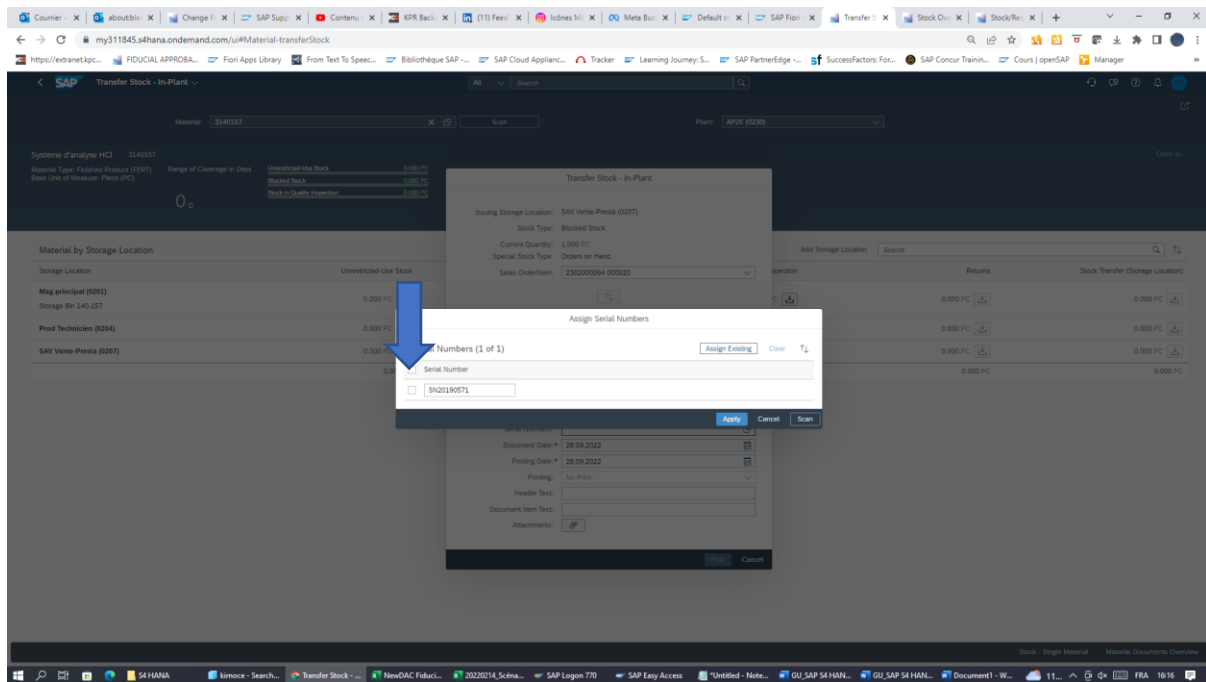
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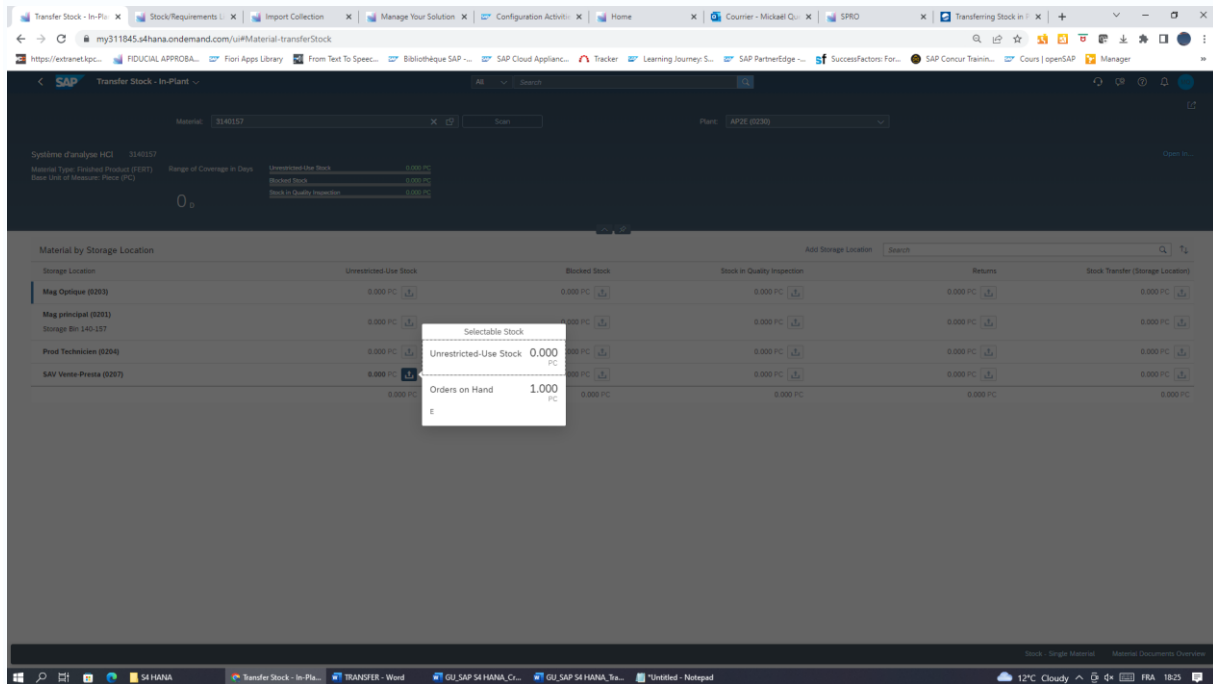


If you choose the wrong direction for the storage locations, you can just exchange the target and source storage location by using the exchange button (the two arrows) in the middle of the popup screen.

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This app supports special stock types such as **E** (orders on hand), **K** (vendor consignment), and **Q** (project stock). The selection of the special stock happens implicitly when a source storage location is chosen via the popup, which only appears when the stock contains special stock, as shown here:



Special transfer postings in the same storage location but between the same special stock indicators are also possible: from **E** to **E** or from **Q** to **Q**. The related information for the special stock type, such as a sales order item for special stock type **E**, can be entered in the posting popup. The related fields are displayed based on the chosen special stock.

Result

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SAP Transfer Stock - In-Plant

Material: 3140157 Plant: AFZL (0226)

Systeme d'analyse MCI 3140157

Material Type: Finished Product (FERT) Range of Coverage in Date

Unrestricted Use Stock	Blocked Stock	Stock in Quality Inspection
0.000 PC	0.000 PC	0.000 PC

Base Unit of Measure: Piece (PC)

0%

Material by Storage Location

Add Storage Location Search

Storage Location	Unrestricted Use Stock	Blocked Stock	Stock in Quality Inspection	Returns	Stock Transfer (Storage Location)
Mag principal (0201)	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]
Storage Bin 140-157	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]
Pied Technique (0204)	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]
SAL Vente Presta (0207)	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]	0.000 PC [Download]
	0.000 PC	0.000 PC	0.000 PC	0.000 PC	0.000 PC

Success
[Manage document 2800045692014 online](#)
OK

[illegible]

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Manage Journal Entries

Journal Entry (4900004143) - Ledger OL

0 Attachments 0 Notes 7 Related Documents

Journal Entry Date: 28.09.2022
Posting Date: 28.09.2022
Posting Period: 9/2022
Journal Entry Type: WA (Goods Issue)
Journal Entry Attribute: U (Posting in General Ledger Only)

Company Code: 0230 (AP2E)
Transaction Currency: EUR

Reference: --
Reference Document Type: MAPP (Material Document)
Header Ref: --
Journal Entry Created By: CB988000003
Entered At (Local Time): 28.09.2022, 18:13

Show More

Line Items (2) Standard

Posting View L...	GL Account	Profit Center	Debit	Credit
000001	71395220 (Inv Chg COGS w/CE 50)	230 (Default AP2E)	0.00 EUR	0.00 EUR
000002	71395220 (Inv Chg COGS w/CE 50)	230 (Default AP2E)	0.00 EUR	0.00 EUR

Tax: Standard

Tax Code	GL Account	Tax Base Amount	Debit	Credit	Tax Rate
No data available					

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