



Global Trade Management

SAP S/4HANA 1809 (On-Premise): Stock Transfer Posting with Global Trade Management

CUSTOMER

Version: 1809.0.1

Global Trade Management: Stock Transfer Posting

Introduction

In 1994 SAP developed object Trading Contract, a license-free component available on SAP ERP, SAP SoH and SAP S/4HANA (On-Premise) to implement international trading processes.

The ability of processing Stock Transfers out of GTM, however, was not in scope since direct deliveries from suppliers to customers was the major business requirement former times. Operating own plants / warehouses was considered as redundant in this process.

However, business changes – nowadays also Global Traders need to operate own plants and storages due to the necessity of handling import and export processes – meaning to transport materials from one location to another with corresponding proper postings. Thus Stock Transfer Postings, operated out of GTM – with particular focus on associations between sales contract positions with purchase contract positions – is subject of this development, which is delivered with SAP S/4HANA 1809 SP0(On-Premise).

There are few notes delivered over and above SP0 which are 2683952 , 2683057 and 2677827.

Global Trade Management: Stock Transfer Posting

Business Pain Points

During maintenance of a Trading Contract a trader needs to enter a plant and / or storage location. However, this information might change for the following use cases:

- A Trader maintains a Pre-Contract with subsequent call-offs. In this case the exact point of entry might change in the meantime
- The delivery time of materials might take a long time (e.g. delivery from China to Germany) and sales-side Trading Contracts will be created during shipment. Hence it is necessary to deliver the goods from the first destination point to another plant first
- Also goods movements within a plant are common business processes so that stock transfers regarding storage locations also need be taken into consideration



Global Trade Management: Business Requirement

Product features for SAP S/4HANA 1809 (On-Premise)

The following features are in scope:

1. Transfer of materials between **different storage locations** using the Trading Execution Workbench, .
2. Transfer of materials between **different plants** using the Trading Execution Workbench.
3. Integration of field `Open Quantity` as additional field in the List Viewer of the Trading Execution Workbench **to indicate the quantity available** for Stock Transfer
4. For both scenarios associated quantities must be considered the **mandatory rule** that already associated quantities **may not get fragmented into smaller subsets** but moved entirely if required.



Stock Transfer Postings – Product feature details

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Global Trade Management – Scenario 1

Storage Location > Storage Location:

Rules to apply: If the material quantity to be transferred ...

1. **equals** to an **associated quantity**, the associated quantity shall be transferred (except for quantities of Goods Issues)
2. **is less** than an **unassociated quantity**, the unassociated quantity shall be transferred
3. **is higher** than an **unassociated quantity**, the following logic shall apply:
 - Check, whether the quantity to be transferred is \geq of an already associated quantity of a trading contract. If the check is positive take this quantity. Beware the necessity of an descending order
 - If there are remaining quantities to be transferred take this quantity from the unassociated quantity

Global Trade Management – Scenario 2

Plant > Plant:

Rules to apply: If the material quantity to be transferred ...

1. **equals** to an **associated quantity** connected to a sales-side Trading Contract (without any sales sided follow on document), this quantity shall be transferred
2. is **less** than an **unassociated quantity**, the unassociated quantity shall be transferred
3. is **higher** than an **unassociated quantity**, the following logic shall apply:
 - transfer of the entire associated quantity first (**note that an associated quantity may not get fragmented**)
 - transfer of the remaining quantity from the unassociated quantity



Stock Transfer Postings - Customizing

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Stock Transfer Postings: Configuration delivered with SAP Standard

Path: IMG > Logistics General > Global Trade Management:

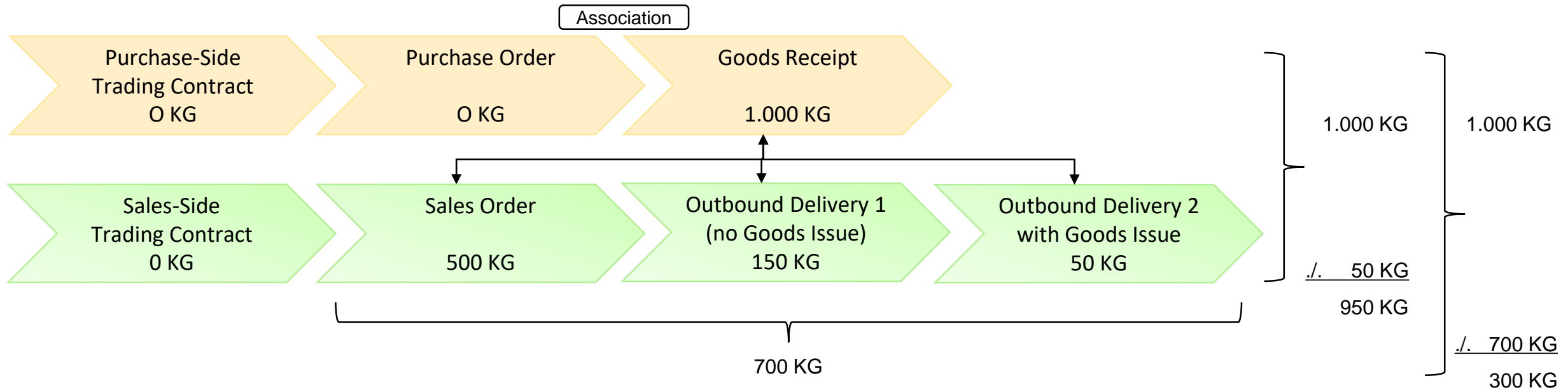
1. Trading Execution Workbench – Define Business Process Steps
2. Trading Execution Workbench – Group Business Process Steps
3. Trading Execution Workbench – Define Action Class
4. Trading Execution Workbench – Define Enhancement Classes
5. Trading Execution Workbench – Define Possible Combinations of Business Process Steps
6. Trading Execution Workbench – Assign Action Classes to Combinations of Business Process Steps
7. Position Management - Association Management - Combine Business Process Steps for Association

DEMO

Global Trade Management – Scenario

Initial situation

Open Quantity	Unassociated Quantity	Associated Quantity
950 KG	300 KG	700 KG



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