



Feature at a Glance

Automated Transfer of New Handling-Unit Packaging Instructions CSC-23707

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Introducing: **Automated Transfer of New Handling-Unit Packaging Instructions**

Feature Description

When a buyer creates or updates packaging instructions in their SAP S/4HANA system, this feature coordinates with SAP Ariba Cloud Integration Gateway the automatic transfer of those instructions to SAP Business Network for Supply Chain.

Key Benefits

A automated interchange of packaging instructions would be more effective, as it reduces manual effort and also aligns with SAP strategy of integrated end to end process.

Audience:

Buyers

Enablement Model:

Automatically On

Applicable Solutions:

SAP Business Network
for Supply Chain



Prerequisites, Restrictions, Cautions

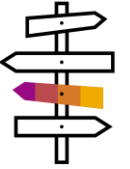
Prerequisites

- Buyer's ERP system uses SAP S/4HANA
- Buyer's ERP system is configured with SAP Ariba Cloud Integration Gateway. For details, see [High-level steps for integrating SAP ERP with Ariba Network | SAP Help Portal](#)
- Buyer has followed instructions in the following SAP Notes:
 - ❑ <https://launchpad.support.sap.com/#/notes/3230454>
 - ❑ <https://launchpad.support.sap.com/#/notes/3261333>
 - ❑ <https://launchpad.support.sap.com/#/notes/3265218>
 - ❑ <https://launchpad.support.sap.com/#/notes/3275548>
 - ❑ <https://launchpad.support.sap.com/#/notes/3283909>

Restrictions

- Quantities in the capacity fields in packaging instructions must be whole numbers. Quantities with decimal places are not supported. (will be added in upcoming releases)
- This feature does not automatically transfer generic packaging instructions based on reference material in S/4HANA.
- Alternative Packaging Instruction maintenance is not supported. Assignment of multiple Packaging Instruction is limited to determination information of Material, Plant, Vendor ID and Validity Period
- Delete of Packaging Instructions is not supported

User Story



Packaging and Handling Unit processes are quite diverse based on industry and customer requirements. Therewith there is the need to allow a set of flexibility and control to configure the behavior of the network.

Based on industry and company size the number of available packaging specification could be quite big, like hundreds or thousands of versions. Therefore, it might be that every several or at least one of the packaging instructions will be updated frequently. A manual update in this frequency would be to cumbersome.

The feature enabled you to handle automated replication of packaging instructions from S/4HANA backed system for initial load of the entire set of available packaging instruction, as also for case of creation of new packaging instruction and update of existing ones.

This comes along with multiple filter options to control the selection of packaging instruction to be considered for replication.



Feature Details

Detailed feature information

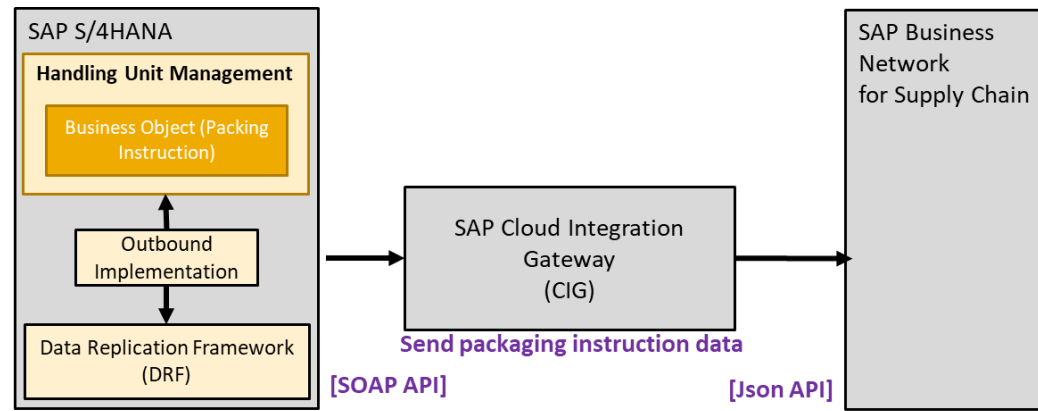
- New JSON API on Business Network for Supply Chain
 - No separate activation required
 - Excel upload still supported for backwards compatibility
- Support of initial and delta load
 - Full set of packaging instruction will be transferred in initial transfer (filtering possible)
 - If packaging instructions are changed or created transfer of single instruction is automatically triggered
- Multi-ERP Support
 - Differentiation by System ID contained in packaging instruction and purchase order
 - Mixed scenario support – one ERP using automated transfer, another one using manual upload
- Tracking of upload history on SBN for Buyer Admin (will be done in later release)



Feature Details

Detailed feature information

- New SOAP API for S/4HANA
 - Support for S/4HANA Public and Private Cloud in standard releases is planned for 2023
 - Several Filters available to control which Packaging Instruction will be shared with SBN
 - Limitation to VERP material type will be removed
 - Determination information contained in extract (limited to supported fields on SBN)



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