



# SAP Self-Billing Cockpit

## Solution Overview

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# Agenda

1

Introduction & Survey

5min.

2

Overview of SAP Self-Billing Cockpit

10min

3

Solution Demo – Self-Billing with Invoice Creation 25min

4

Roadmap & Solution Summary

5 min.

5

Q&A & Feedback

# Self-Billing

## Characteristics



### Where is self-billing applied ?

- Where close relationship between suppliers and their customers (buyers) exist.
- Where comparable, reoccurring orders are requested based on long term agreements
- For example in industries like Automotive, Mill Products, High Tech, Industrial Machinery, Chemicals, Professional Services, Cargo & Transportation, etc.



### What is self-billing ?

- Billing process that allows buyers to shift ownership of the invoice verification process to the supplier.
- The process allows buyers to send self-billing documents to the supplier, stating the deliveries and amounts that are settled and paid.
- On supplier side, the incoming self-billing transmission is received and processed to prepare clearing process.



### Challenge

- Detect issues when comparing the received with the internally created data (delivery and eventually billing documents).
- Ensure efficient processing
- At many companies, processing incoming self-billing transmissions is still a manual process.

# Streamline your self-billing processes with SAP Self-Billing Cockpit



**Customer Need:** increase efficiency by automating and streamlining supplier self-billing processes.



**SAP Self-Billing Cockpit** enables suppliers to efficiently process self-billing documents transmitted from the buyer and prepares the documents for the clearing process in accounts receivable.



## Benefits

Monitor and manage self-billing processes holistically, simplifying the billing process

Enhance efficiency through automated result simulation

Gain greater visibility of issues with an intuitive user interface

Get early insight into types of errors through error analysis

Reduce errors using automated processing

Save time through mass change capabilities

The screenshot displays the SAP Self-Billing Cockpit interface. The top section shows search filters for Transmission, Sender, Overall Status (2 Items), Issue Type, Main Reference, and Execution Status. Below this is a table of Self-Billing Documents (277) with columns for Referred Delivery, Overall Status Icon, Execution Status, Issue Type, and Sales Organization. A detailed view of a document is shown, including Customer Material (CTG889), External Transmission (SAT\_CONSIGN\_MITFL\_DEL\_0721\_1717), and Main Reference (CN001). It also displays summary statistics like Open Quantity (3), Open Value (120.00 EUR), and Net Value Difference (-40.00 EUR). A History table lists Billing Documents (4) with columns for No., Description, Document Type, Billing Document, Item, Order Reason, Main Reference, Net Value, Quantity, and Billing Date.

No.	Description	Document Type	Billing Document	Item	Order Reason	Main Reference	Net Value	Quantity	Billing Date
1	Initial Invoice	Invoice (F2)	90001103	30		CN001	120.00 EUR	3.00 QT	21.7.2020
2	Current Invoice	Invoice (F2)	90001103	30		CN001	120.00 EUR	3.00 QT	21.7.2020
3	Difference Clearing	Credit Memo (G2)	90001107	30	Diff. Clearing (Quantity)	CN001	40.00 EUR		21.7.2020
4	New Open Item	Debit Memo (L2)	90001108	30	New Open Item (Quantity)	?_?_?	40.00 EUR		21.7.2020

# SAP Self-Billing Cockpit

Covering two different processing procedures

## Self-Billing with Automatic Posting (SBWAP)

- Applied when an internal billing document is created with goods issue
- This is usually the case in Germany, France and other countries

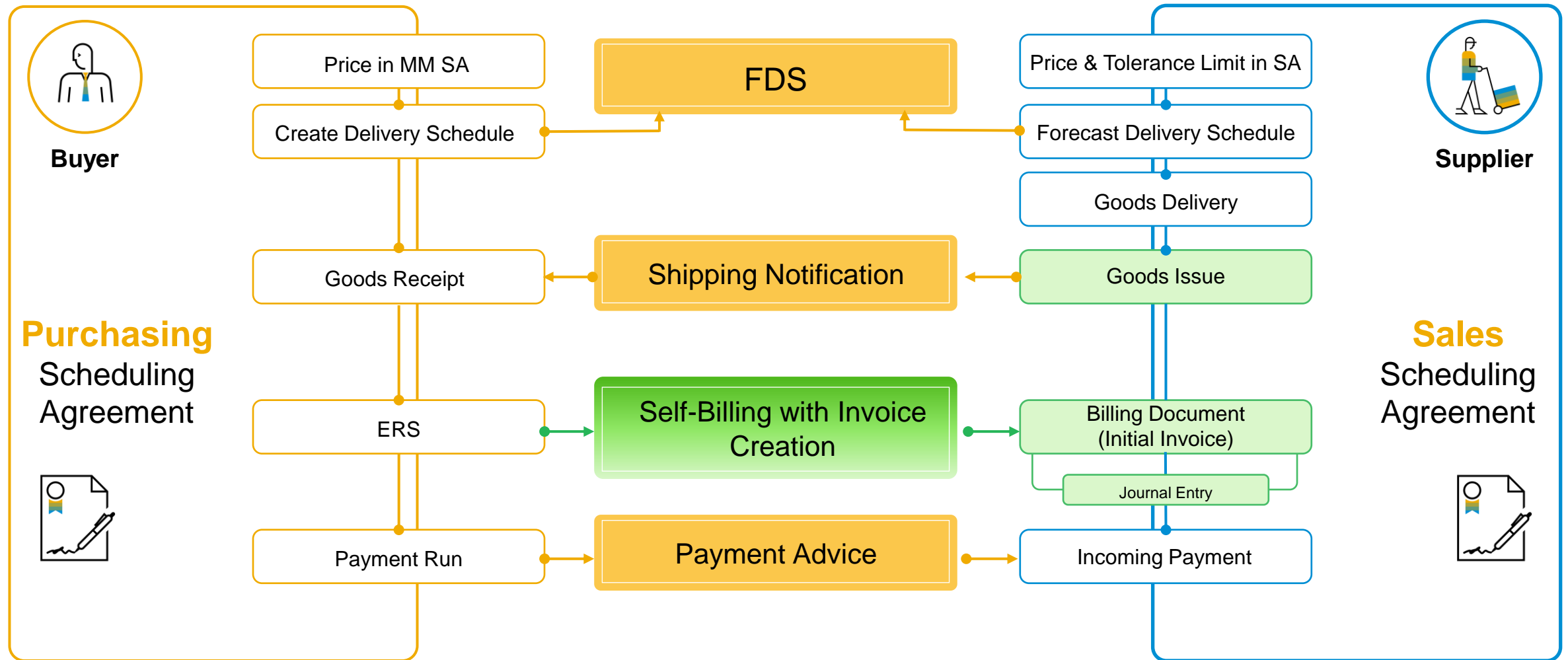
## Self-Billing with Invoice Creation (SBINV)

- Applied in countries where legal authorities request suppliers to create *billing documents that are identical with the self-billing documents received from the buyer*
- The supplier must create the final billing documents only after receiving the self-billing documents from the buyer
- SBINV is applied in countries like Spain and others

# **Self-Billing with Invoice Creation - SBINV**

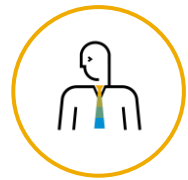
# Self-Billing with Invoice Creation (SBINV)

Part of a Full Supply Chain Scenario



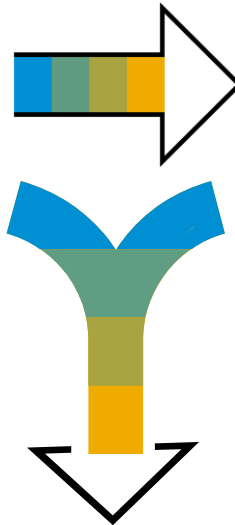
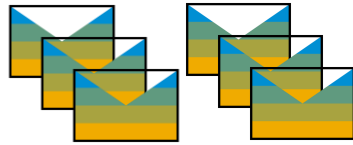
# SAP Self-Billing Cockpit

## With Invoice Creation (SBINV)



Buyer

### Self-Billing Transmissions



Supplier

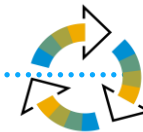
### Invoice Creation



### SAP Self-Billing Cockpit

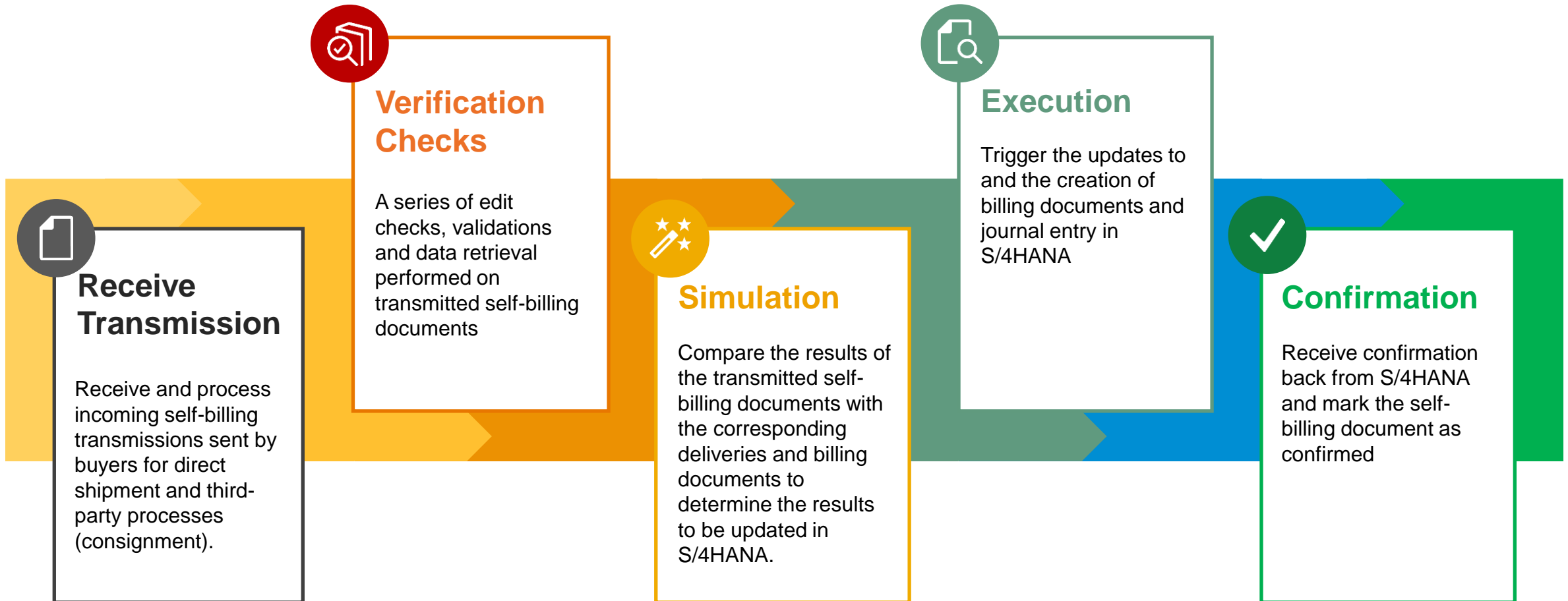
Enables suppliers to efficiently process self-billing documents transmitted from the buyer and prepares the documents for the clearing process in accounts receivable.

- Receive & process self-billing transmissions
- Edit transmissions in case of errors
- Simulate billing document creation results
- Trigger billing document creation (invoices, credit/debit memos) in the respective back-end systems




# SAP Self-Billing Cockpit

## Functional Processes

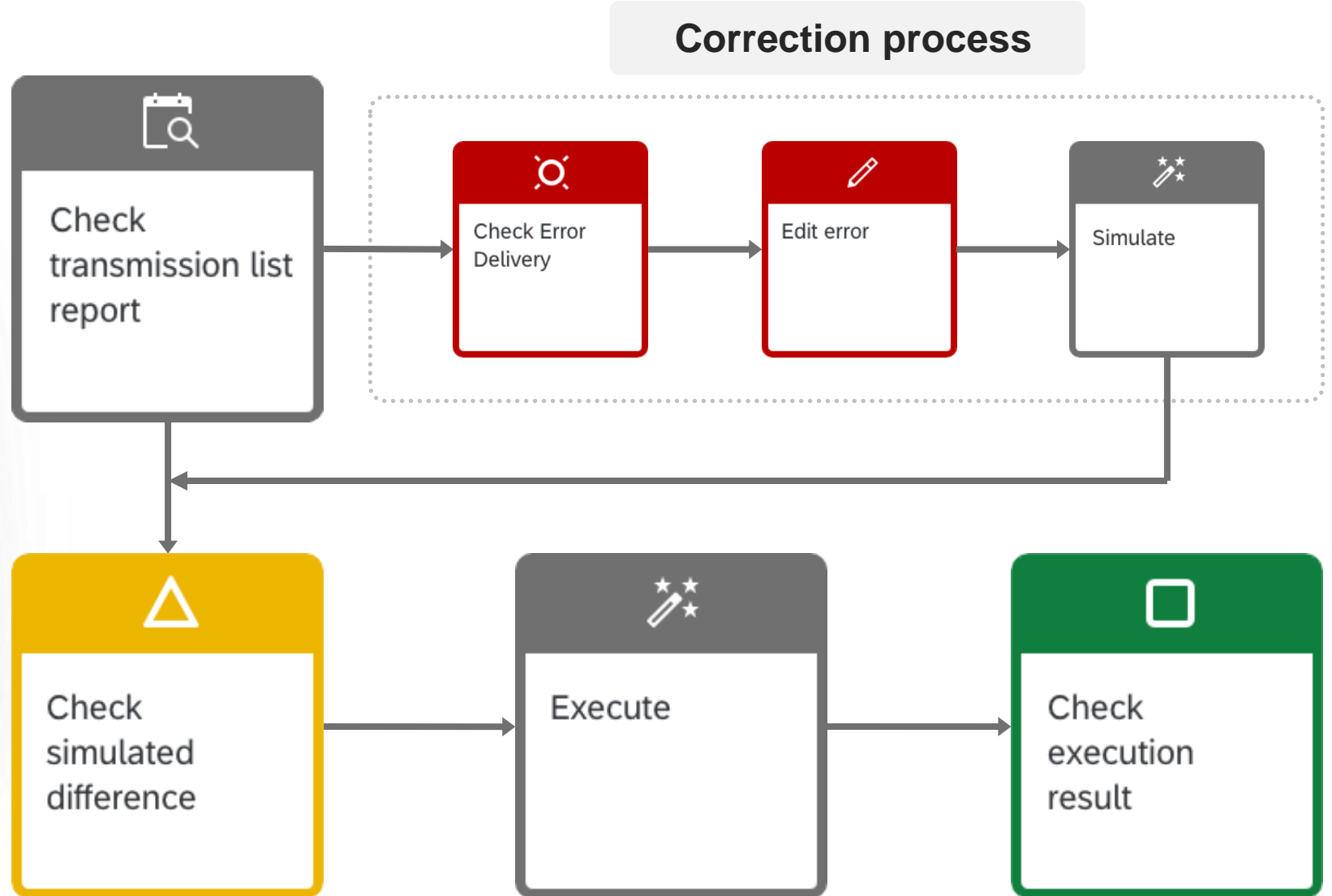


# SAP Self-Billing Cockpit

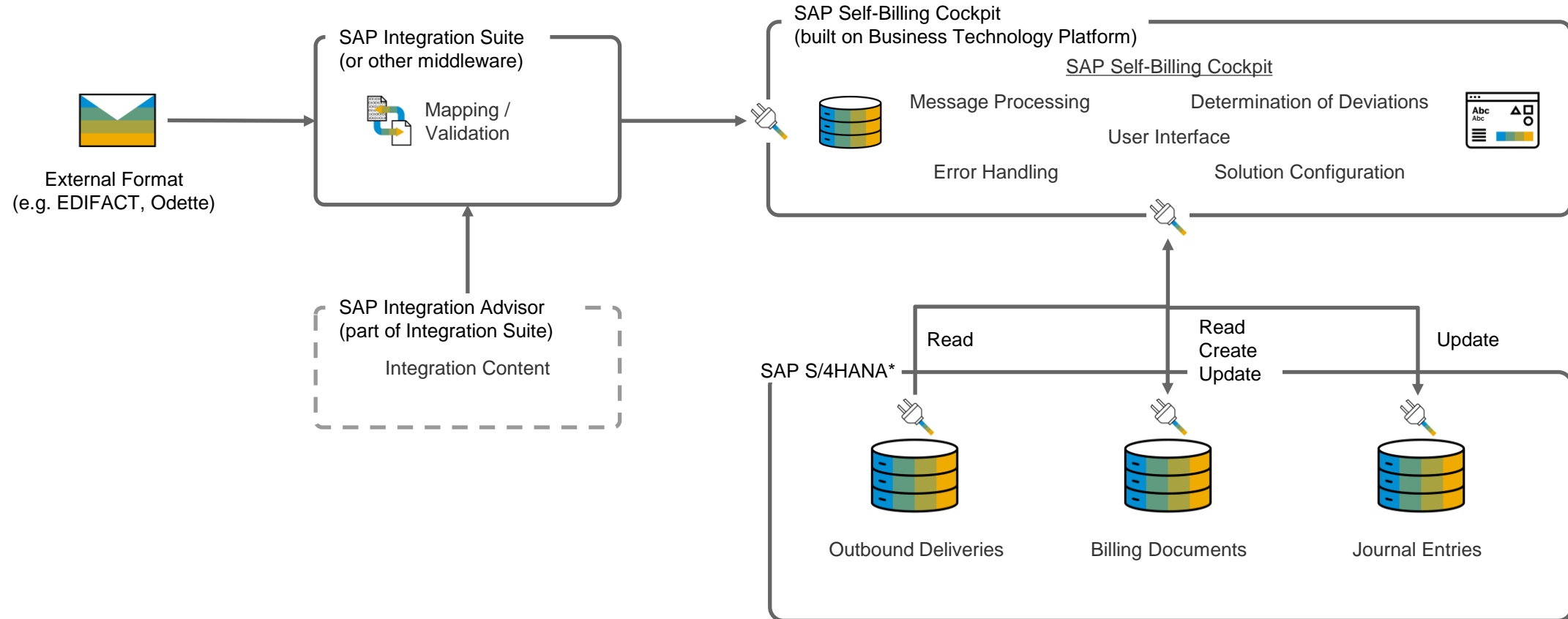
## Basic Flow



**Jane Smith**  
Billing Clerk



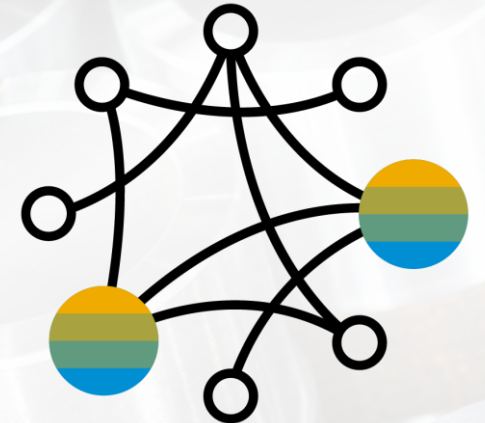
# Architecture Overview SAP Self-Billing Cockpit



# Self Billing with Invoice Creation

## A Quick Recap

- Monitor and manage self-billing processes holistically, simplifying the billing process
- Enhance efficiency through automated result simulation
- Save time by getting early insight into types of errors through error analysis
- Document creation in FIN that are identical to self-billing documents received from the buyer
- Credit or debit memos for quantity corrections and retroactive price changes from the buyer
- Posting of billing documents in SAP S/4HANA based on corrected or valid customer VAT codes
- Automatic processing of Self Billing documents within pre-defined tolerances



# SAP Self-Billing Cockpit – Roadmap\*

## Available Scope

### Solution Scope

- Self-Billing with Automatic Posting (SBWAP)
- Self-Billing with Invoice Creation (SBINV), relevant for Spain
- SOAP message for integrating external messages
- Creation of credit and debit memo to clear the accounts (differential documents)
- Creation of new open items/lines in case of differences out of tolerances
- Re-assignment of non-matched items
- Error analysis and mass change for message errors
- Retro-Billing simulation of price deviations and creation of documents in back-end
- Enabling external tax handling
- Enabling external delivery note as identifier in SBINV
- Archiving outdated items\*
- Automatic processing of documents

### Processes

- Standard Delivery Process
- Consignment Delivery Process
- Self-Billing based on Daily Delivery Notes (“Tagessammellieferschein / TSL”; processing of Daily Delivery Notes is included in the new JIT/JIS solution, for traditional JIT/JIS ACS is needed)

### Integration

- S/4HANA Cloud (Public)
- S/4HANA OP integration\*
  - For SBWAP - integration available as of Product Version SAP S/4HANA2020
  - For SBINV - integration available with SAP S/4HANA 2020 FPS02.

## Planned Roadmap\*



### Solution Scope

- Reading deliveries from JIT Call as reference
- Manually accept violation of tolerance by the user and avoid the creation of new open items
- SBWAP – Automatic processing of Documents
- Creation of reverse entries for multiple open items
- SBWAP - VAT Comparison
- Analytical App for managing Deviations in pricing, quantity and Tax Amount
- Application log and monitoring of APIs
- Excel upload of Self-billing transmission
- Managing B-Price for handling cost
- Returns Processing
- Processing of Self-Billing document for services charged(w/o Delivery)
- Authorization Concepts

Further Countries with special legal requirements

- Italy
- Portugal
- Further countries on request

### Extensibility

### Integration

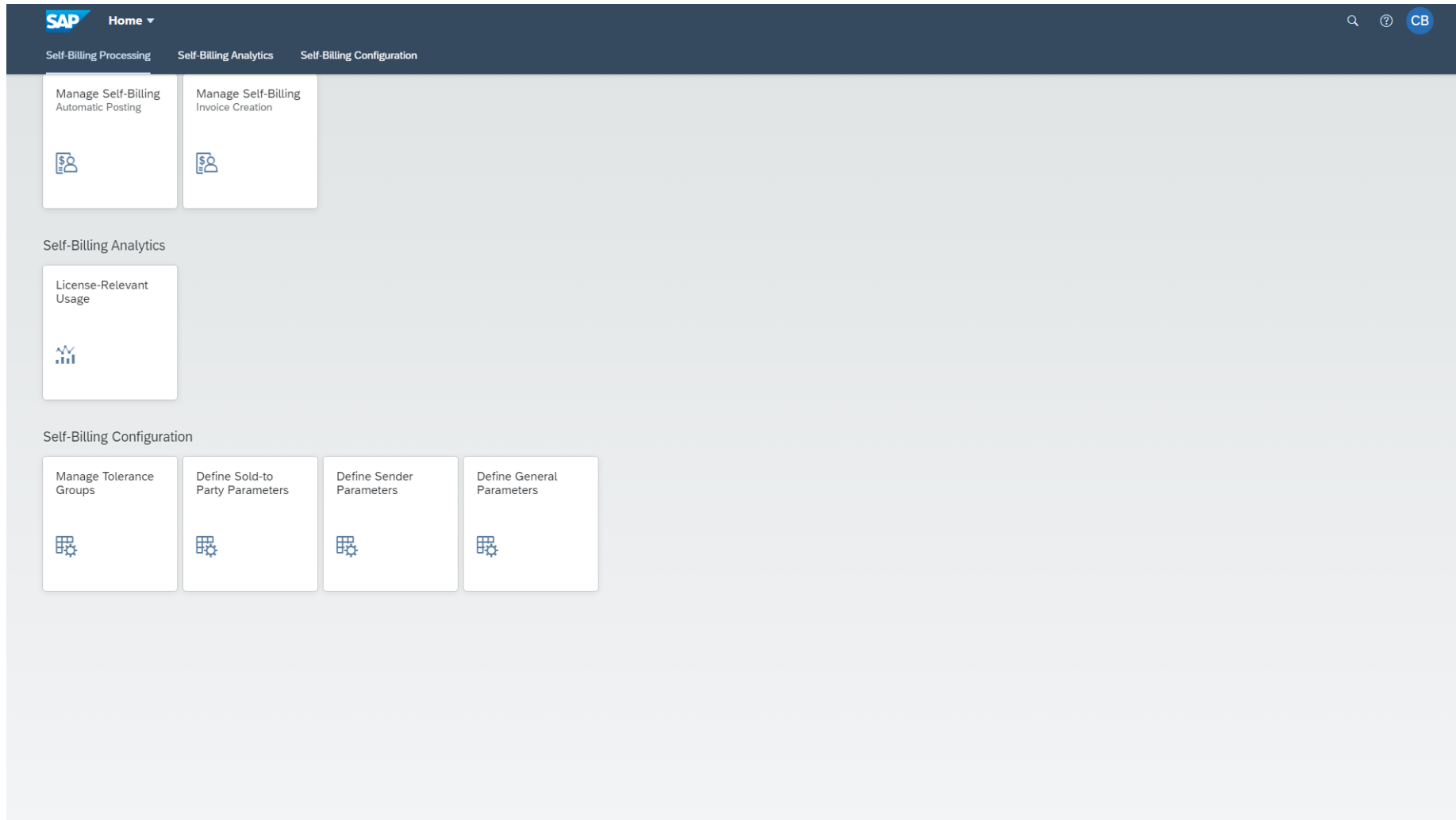
- Support of SAP ECC as back-end (planned to be delivered by Services)\*
- Multiple Back-Ends: Support of multiple back-ends and hybrid-landscapes - e.g. Cloud & On-Premise

\* This is the current state of planning and may be changed by SAP at any time without notice. As a Cloud Application the deployment is not bound to fixed release dates. The roadmap shows the planned sequence of development. Release dates will be published on <https://roadmaps.sap.com/board?BC=089E017A62AB1ED991ADAA9C457860D6&range=FIRST-LAST#Q3%202020>

# **Solution Details**

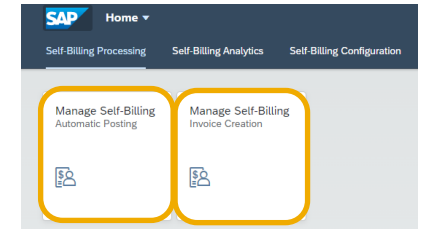
# SAP Self-Billing Cockpit

## Features – Application Overview



# SAP Self-Billing Cockpit

## Features – Manage Self-Billing with Automated Posting / with Invoice Creation I



The **Manage Self-Billing – with Automated Posting / with Invoice Creation** apps are the main workplace for Billing Clerks and provides the following views:

### List page

- Provides a central entry and overview page for users
- List of received self-billing documents
- Processing status of all self-billing documents
- In case of differences, multiple order reasons and condition types are provided
- Result simulation and execution can be triggered. Invoice simulation in case of retroactive-billing is possible

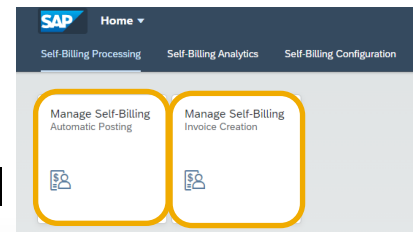
### Object Page

- Detailed Header and Item information for each self-billing document
- Error handling (edit, reassign)
- Deactivate or regroup erroneous items under a new document header
- Option to take notes on status or required action
- Display Changes
- SBINV: Option to enable posting of billing documents in SAP S/4HANA based on the selected customer VAT code

No.	Product	Transmitted Customer Material	Customer Material	Customer Material Assignment	Transmitted ISO UoM
1		X69		Not in Document	PCE

# SAP Self-Billing Cockpit

## Features – Manage Self-Billing with Automated Posting / with Invoice Creation II



### History Page

- Show Billing document history for each document item

### Error List Page

- Show and correct errors centrally of all self-billing documents for one transmission
- Trigger mass changes in case of errors

The screenshot shows the 'Manage Self-Billing' history page. The header includes 'Referenced Delivery 80000612 / Handelsware 10, PD, Strecke' and 'Item 30'. Below this, there are several key-value pairs: Customer Material: CTG8889, Open Quantity: 3, Open Value: 120.00 EUR, Price-Related Value Difference: 0.00 EUR, Net Value Difference: Quantity Difference: External Transmission: SAT\_CONSIGN\_MTP\_L\_DEL\_0721\_1717, Transmitted Quantity: 2, Transmitted Net Value: 80.00 EUR, Quantity-Related Value Difference: -40.00 EUR, -40.00 EUR, -1 QT, Main Reference: CN001. The main content is a 'History' section with a table of 'Billing Documents (4)'. The table has columns for No., Description, Document Type, Billing Document, Item, Order Reason, Main Reference, Net Value, Quantity, and Billing Date.

No.	Description	Document Type	Billing Document	Item	Order Reason	Main Reference	Net Value	Quantity	Billing Date
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4	New Open Item	Debit Memo (L2)	90001108	30	New Open Item (Quantity)	?_?_?	40.00 EUR		21.7.2020

The screenshot shows the 'Simulation Errors' page. The header includes 'Simulation Errors' and 'Transmission 7'. Below this, there is an 'Overview' section with a bar chart showing the number of occurrences for two error types: 'Currency Mismatch' (2 occurrences) and 'Customer Material Invalid' (1 occurrence). The 'Details' section is a table with columns for Error, Description, Occurrences, Self-Billing Document, Activation Status, and Action.

Error	Description	Occurrences	Self-Billing Document	Activation Status	Action
✓ Currency Mismatch		2			
<input type="checkbox"/>	Transmitted ISO currency USD invalid for sold-to party SB_PREMCH1.	2	2 documents	Active	Edit
✓ Customer Material Invalid		1			
<input type="checkbox"/>	Transmitted customer material X89 is invalid in item 3.	1	20	Active	

# SAP Self-Billing Cockpit

## Features – Configuration I

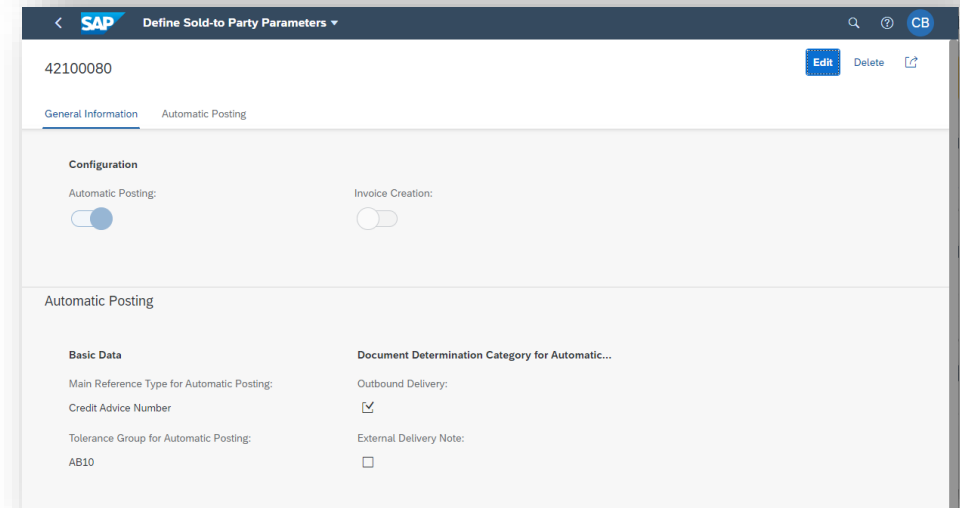
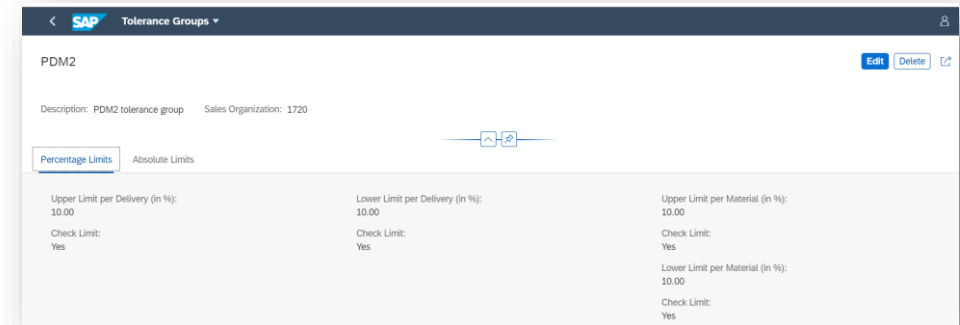
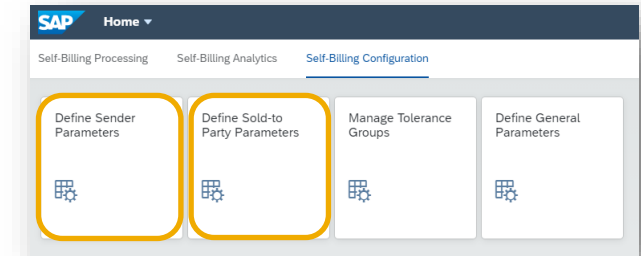
**Self-Billing Configuration** includes different configuration apps to support self-billing processing

### Manage Tolerance Groups

- Define tolerances to control whether differences are accepted.
- Create tolerance limits (% and value)
- Check at document and item level

### Define Sold-to Party Parameters

- Define tolerance group
- Define main reference type
- Define document determination category
- Invoice Creation Configuration: Choose if internal tax determination (default) or customer VAT code shall be considered for posting.



# SAP Self-Billing Cockpit

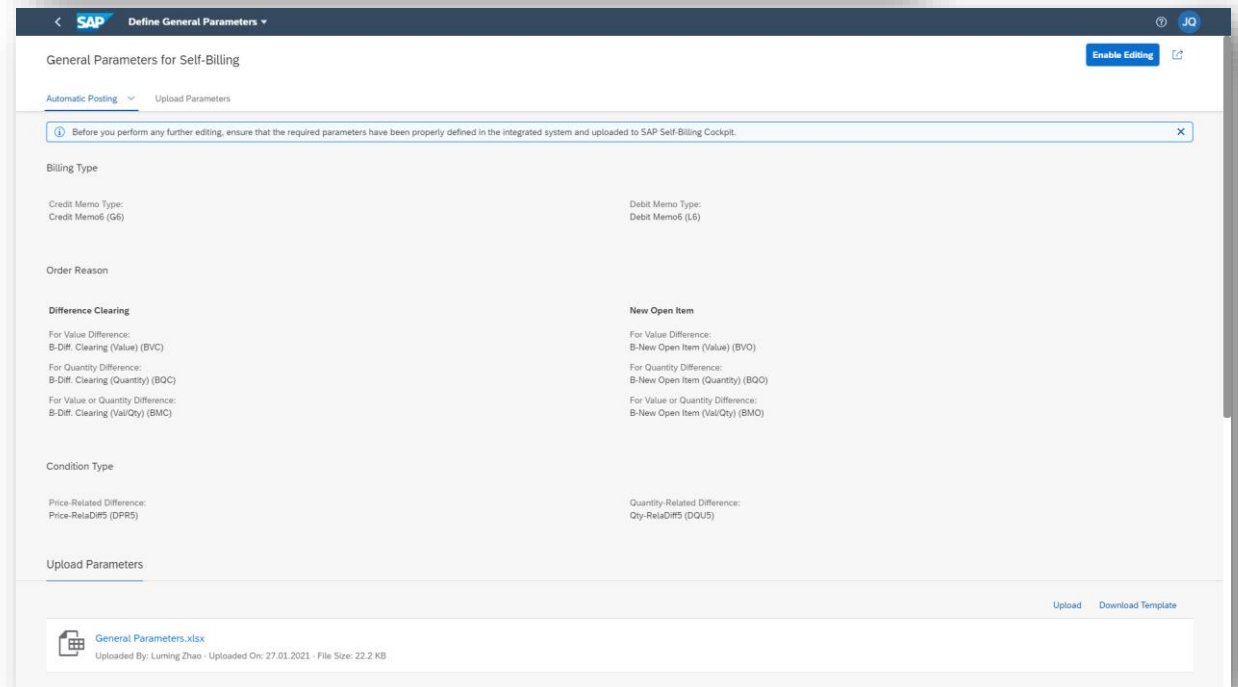
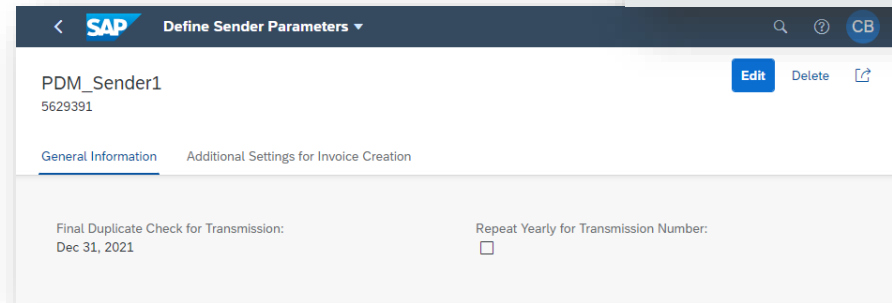
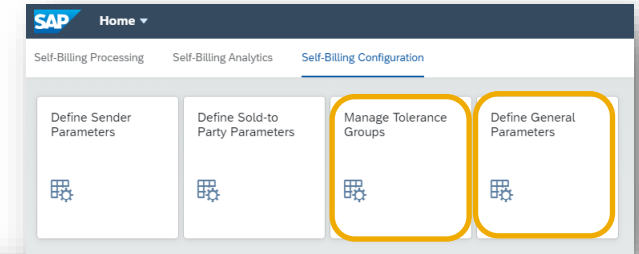
## Features – Configuration II

### Define Sender Parameters

- Identifies Sender
- Duplication Checking

### Define General Parameters

- Import settings predefined in the integrated system, in S/4HANA.
- Edit and display billing types, order reasons, and condition types for Automatic Posting in self-billing processing
- This app is NOT applicable for Self-Billing Cockpit customers integrating to S/4HANA Cloud. Further details can be found in the Integration Guide available on [SAP Help Portal](#).

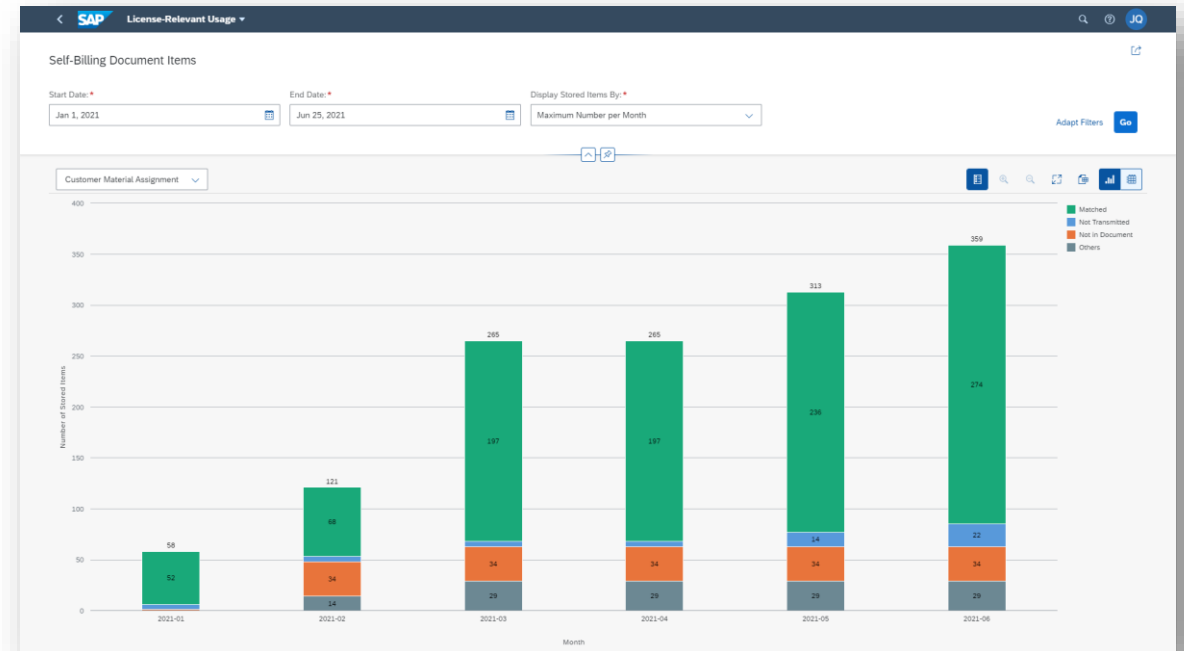
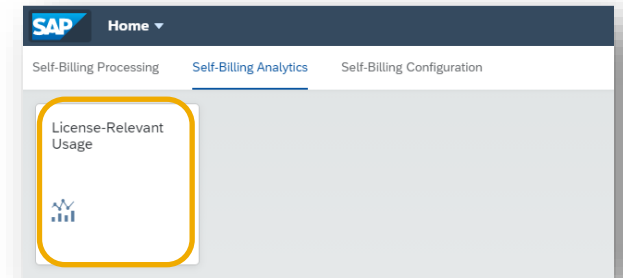


# SAP Self-Billing Cockpit

## Features – Analytics

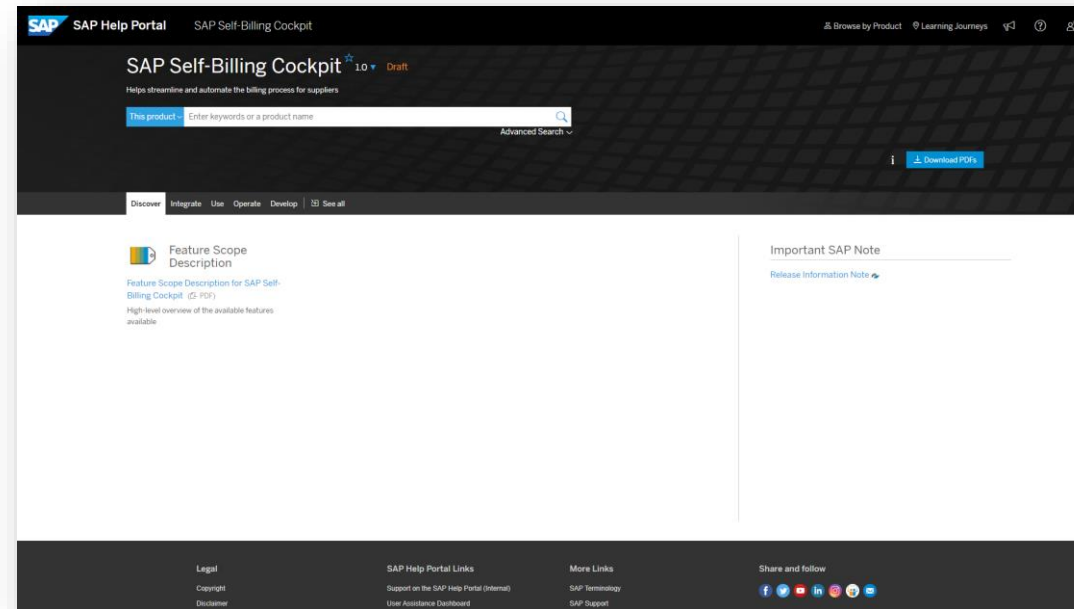
### License-Relevant Usage

Create a usage report for self-billing document items stored in your SAP Self-Billing Cockpit system



# SAP Self-Billing Cockpit

SAP Help Portal for more information



Find more information on [SAP Help Portal](#).

# Thank you.



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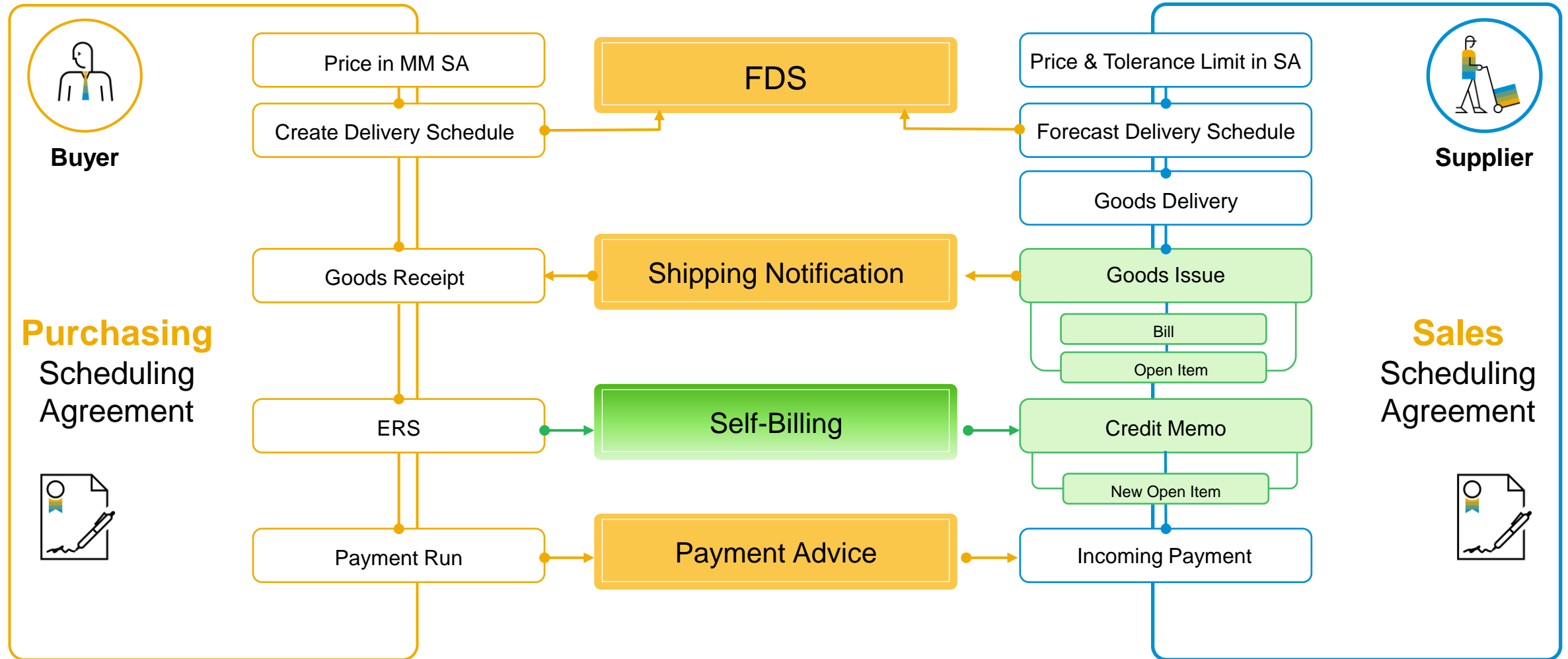
[holger.lokstaedt@sap.com](mailto:holger.lokstaedt@sap.com)

# Appendix

# **Self-Billing with Automatic Posting - SBWAP**

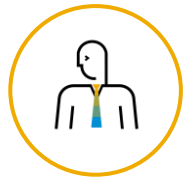
# Self-Billing with Automatic Posting (SBWAP)

Part of a Full Supply Chain Scenario



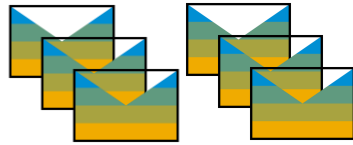
# SAP Self-Billing Cockpit

## With Automatic Posting (SBWAP)



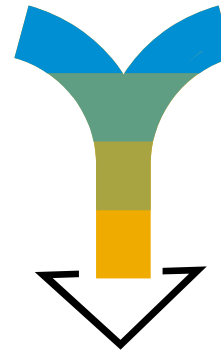
Buyer

### Self-Billing Transmissions



Supplier

### Internal Invoice



### SAP Self-Billing Cockpit

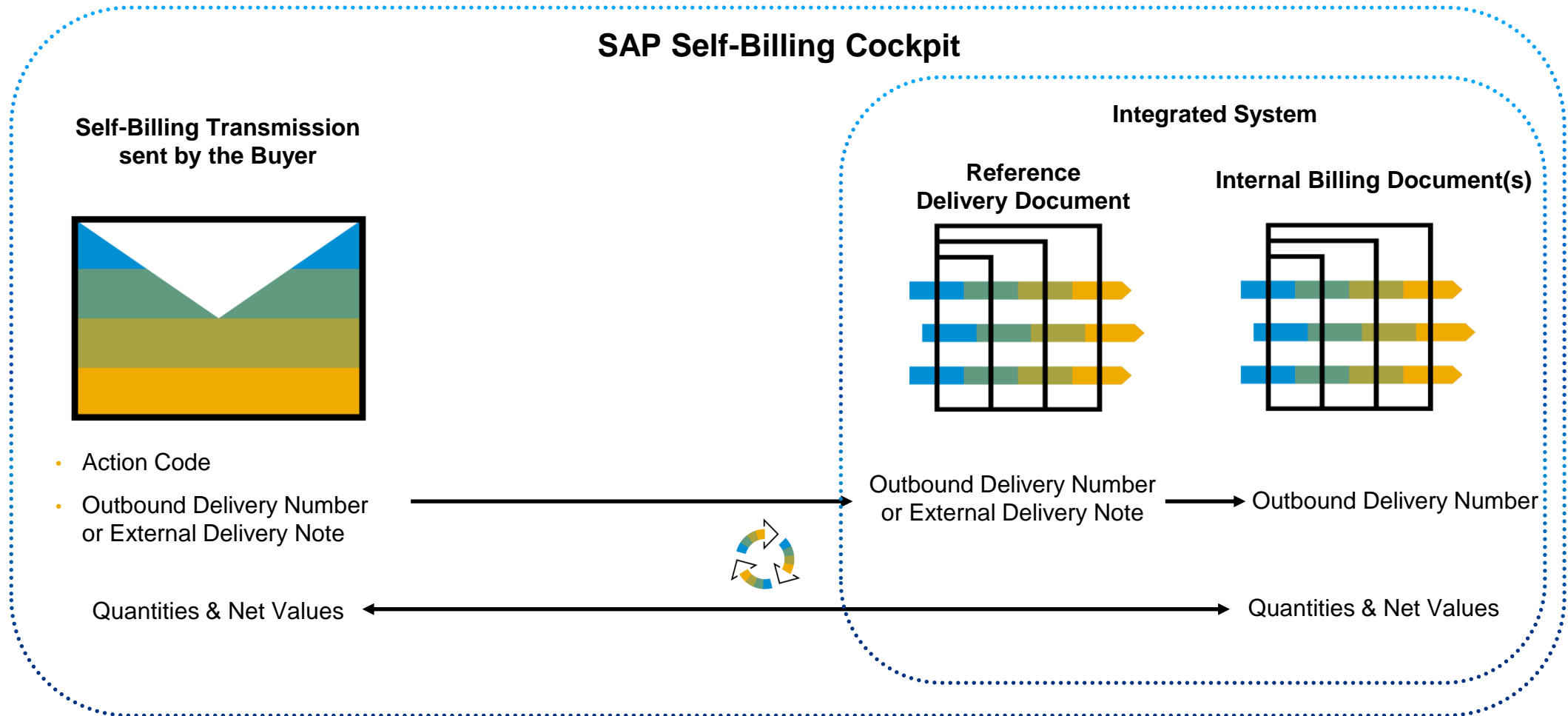
Enables suppliers to efficiently process self-billing documents transmitted from the buyer and prepares the documents for the clearing process in accounts receivable.

- Receive, verify & process self-billing transmissions
- Edit transmissions in case of errors
- Simulate processing results
- Trigger credit memo creation in the respective back-end system in case of differences



# SAP Self-Billing Cockpit With Automatic Posting (SBWAP)

How self-billing transmissions are matched to reference documents in the integrated system



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