CSC-31247 / MT 184 - Feature at a Glance

Batch traceability for subcontracting with integration with SAP Business Network for Logistics

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Target GA: November, 2024

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Introducing: Batch traceability for subcontracting with integration with SAP Business Network for Logistics

Feature Description

Enhanced data integration from SAP S/4HANA, SAP ERP, and SAP Business Network for Supply Chain to SAP Business Network Material Traceability for:

- Component deliveries to the subcontractor
- Component receipts at the subcontractor
- Delivery of product from the subcontractor to the ordering company
- Receipt of product at the ordering company

Buyer and supplier access to genealogy data, which tracks the history and origin of materials and products

Key Benefits

- Increase visibility on subcontracting processes for the ordering company
- Integrate traceability data automatically from supplier accounts in SAP Business Network for Supply Chain
- Enhance integration from SAP S/4HANA and SAP ERP to provide traceability data for subcontracting processes

Audience:

Buyer

Enablement Model:

Customer Configured

Applicable Solutions:

Business Network Material Traceability
Business Network for Supply Chain

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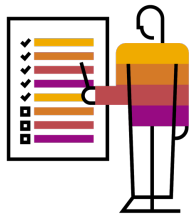
Prerequisites, Restrictions, Cautions



Prerequisite

- SAP Business Network for Supply Chain (SKUs 8007896, 8005449, 8004527, or 8003328)
- Suppliers are enabled for Supply Chain Collaboration
- For suppliers in scope the buyer has extended the relationship to Material Traceability
- Subcontracting scenario with component shipment, component receipt, and component consumption reported in the ship notice (backflush scenario) is used
- Integration of buyer's S/4HANA or SAP ERP system is configured for Material Traceability (add-on installation & system connection)

Restriction

- Only available for SAP Business Network Material Traceability SKU 8018329 – not compatible with SKUs 8008021 and 8008022
- Real time component consumption scenario is not supported yet

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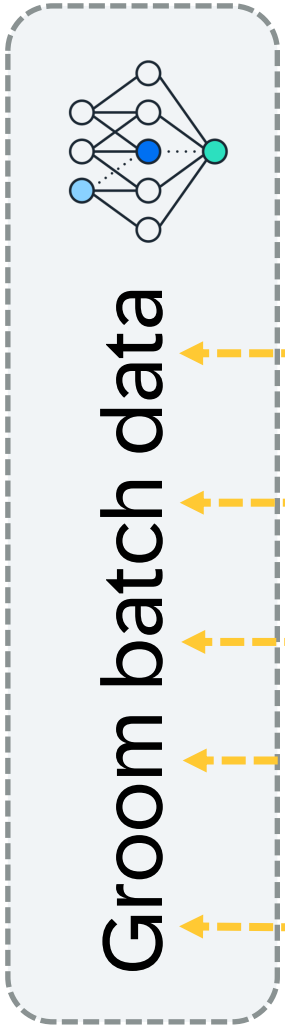
New process Existing process

Capture all deliver, receipt and produce events to build product genealogy – Subcontracting of finished Goods



1 Buyer sends Subcontracting Order including list of components

Supplier confirms order 2

3 Buyer ships components with batch reference/serial numbers

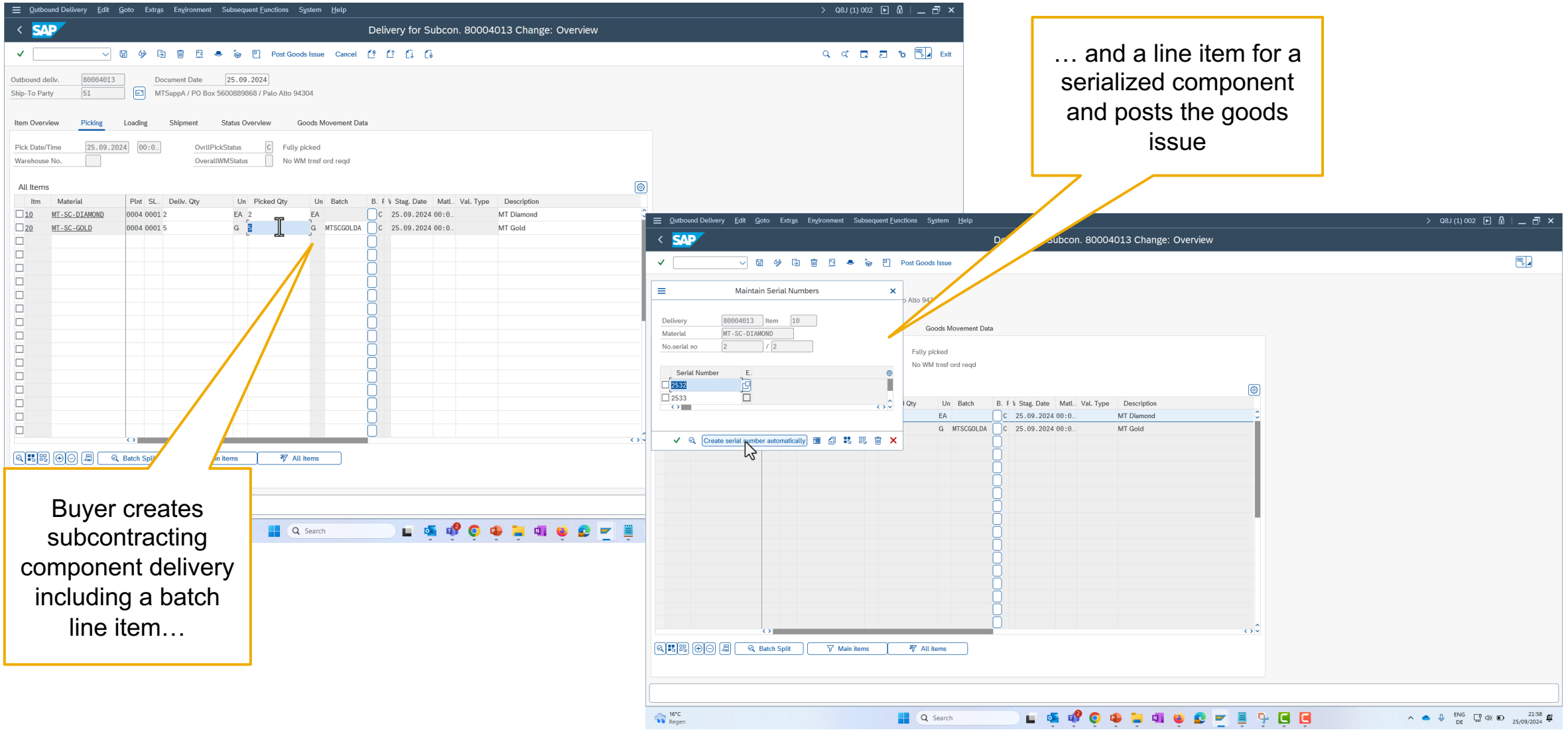
Supplier confirms component receipt with batch reference/serial numbers 4

Future: (Supplier reports component consumption with batch reference/SNs) 5

Supplier ships finished product with batch reference/SNs including component information 6

7 Buyer confirms receipt of finished goods

Example – Component Shipment



Buyer creates subcontracting component delivery including a batch line item…

… and a line item for a serialized component and posts the goods issue

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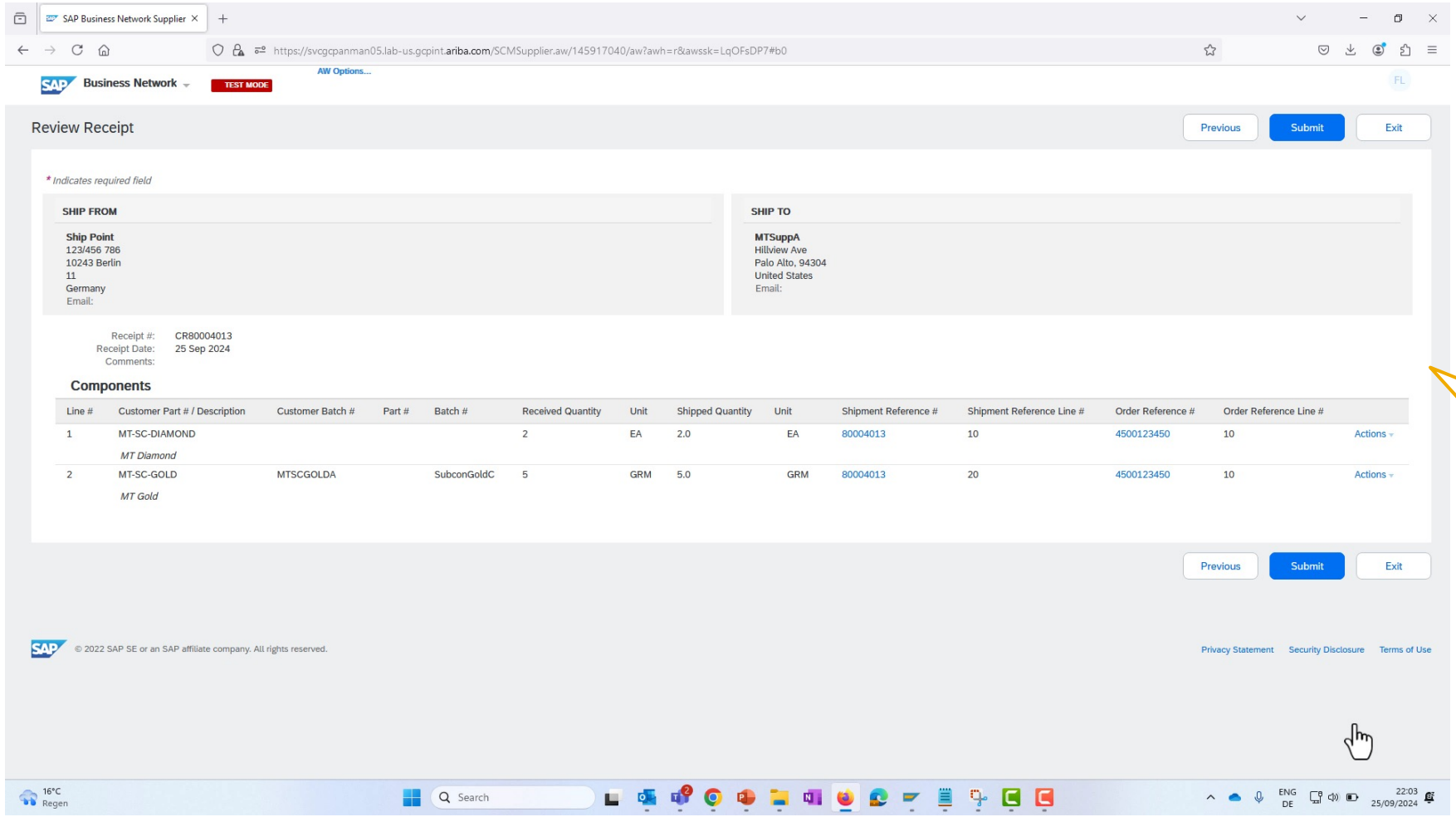
Example – Component Receipt



Supplier receives the component shipment and creates the component receipt for the batch and the serial numbers.

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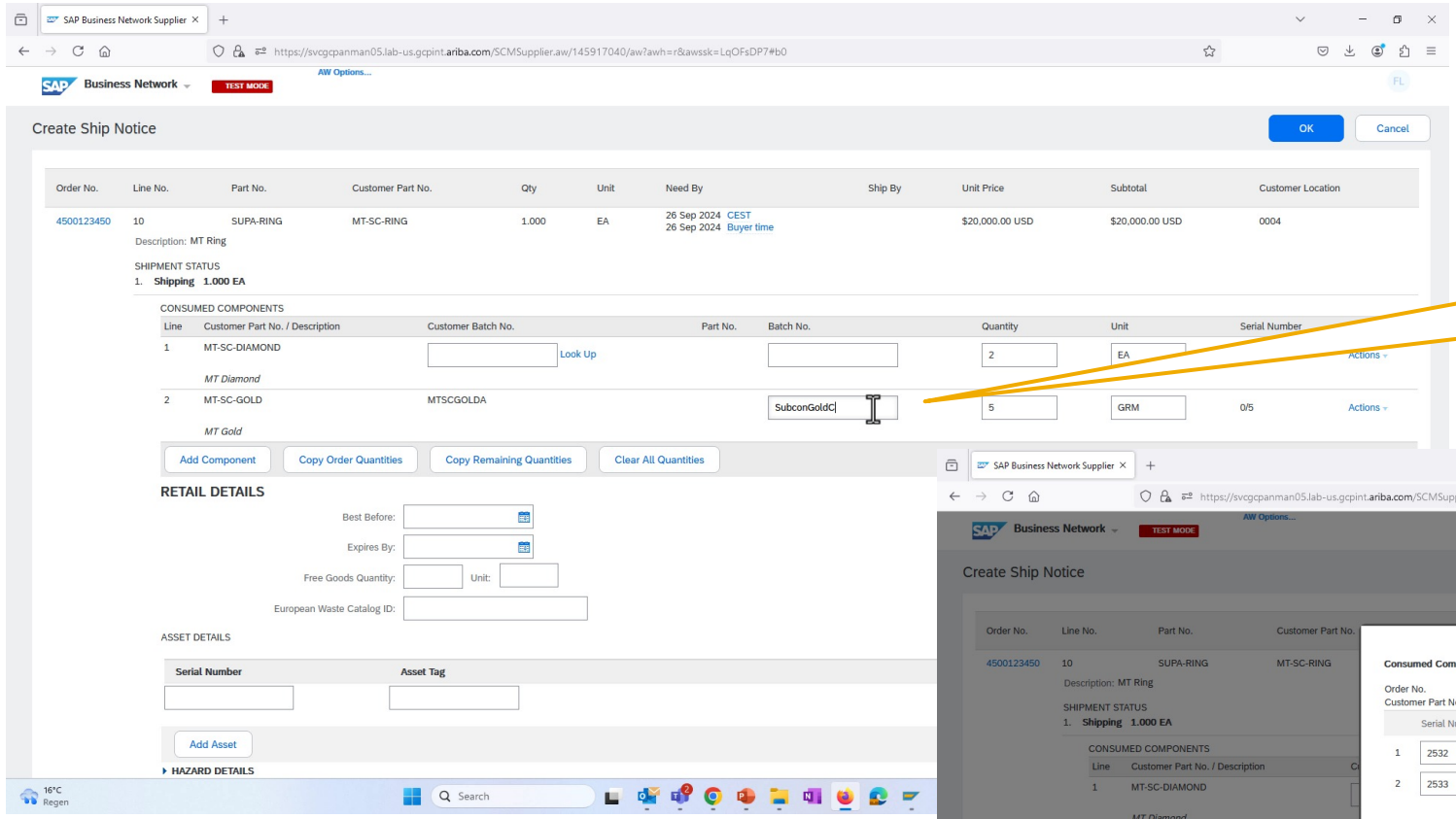
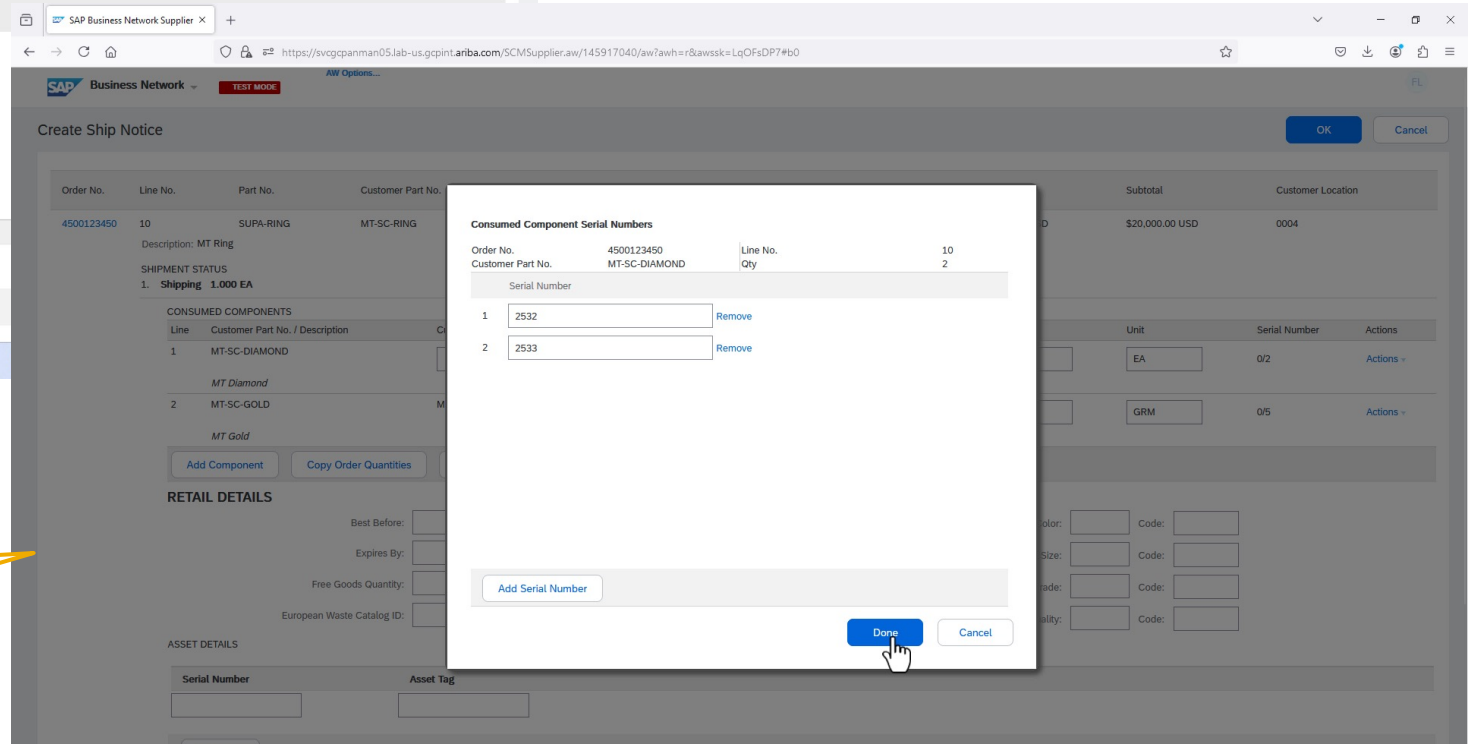
Example – Ship Notice Including Components



Supplier adds the consumed batch component to the ship notice



Supplier adds the consumed serial numbers to the component line item of the ship notice

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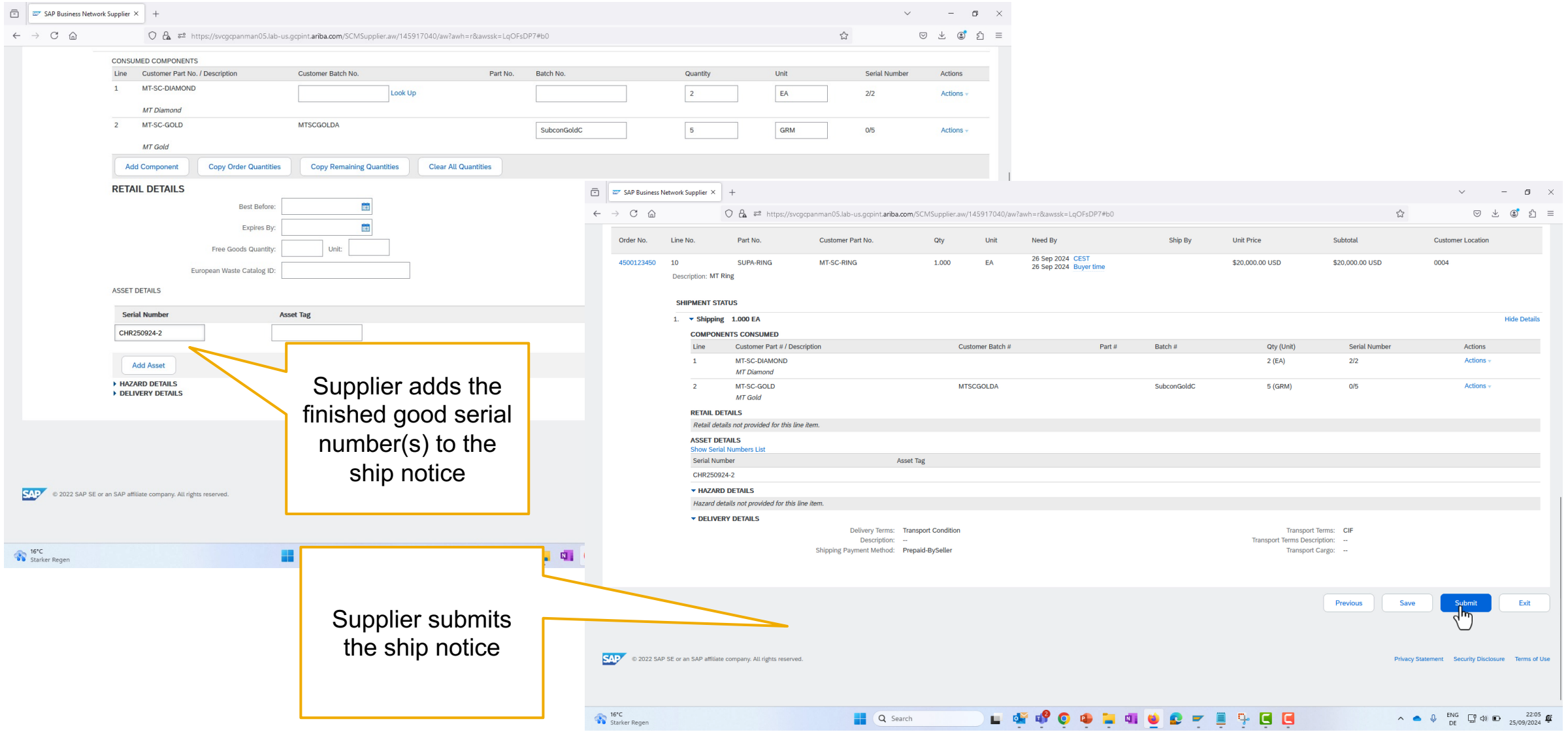
Example – Submit Ship Notice



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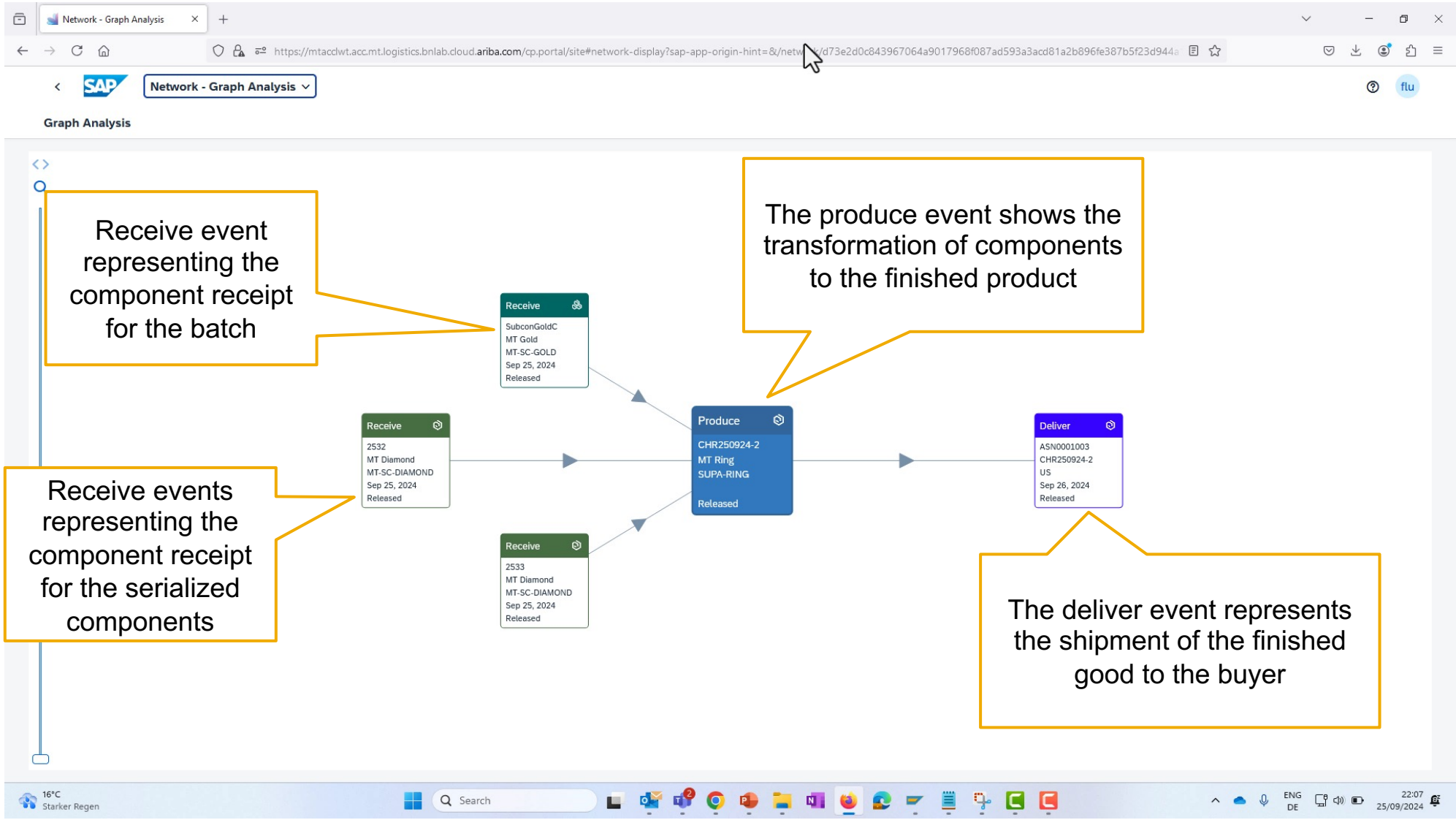
Example – Supplier's view in Material Traceability



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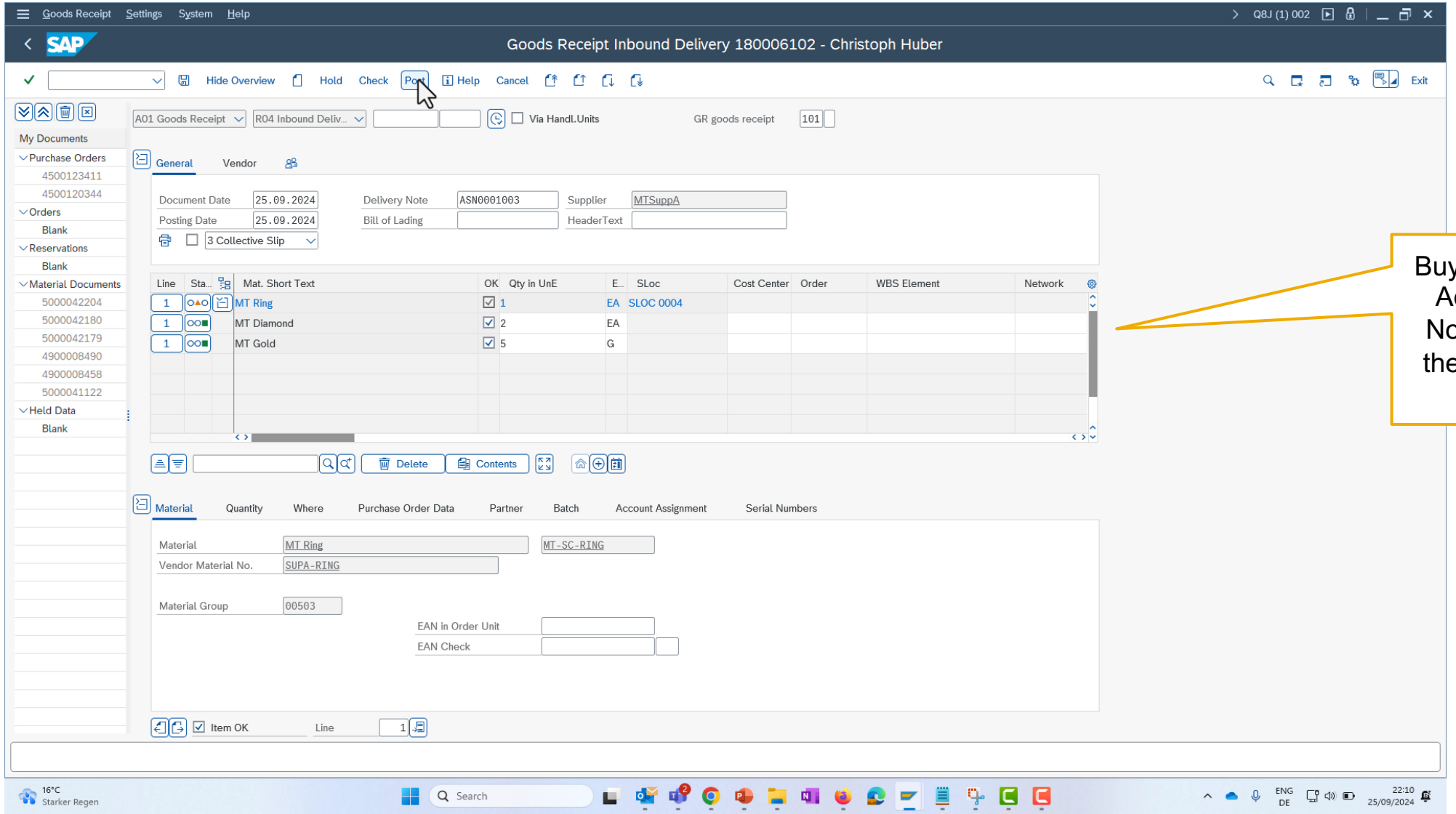
Example – Goods Receipt for the Subcontracting PO



Buyer receives the Advanced Ship Notice and posts the goods receipt for it

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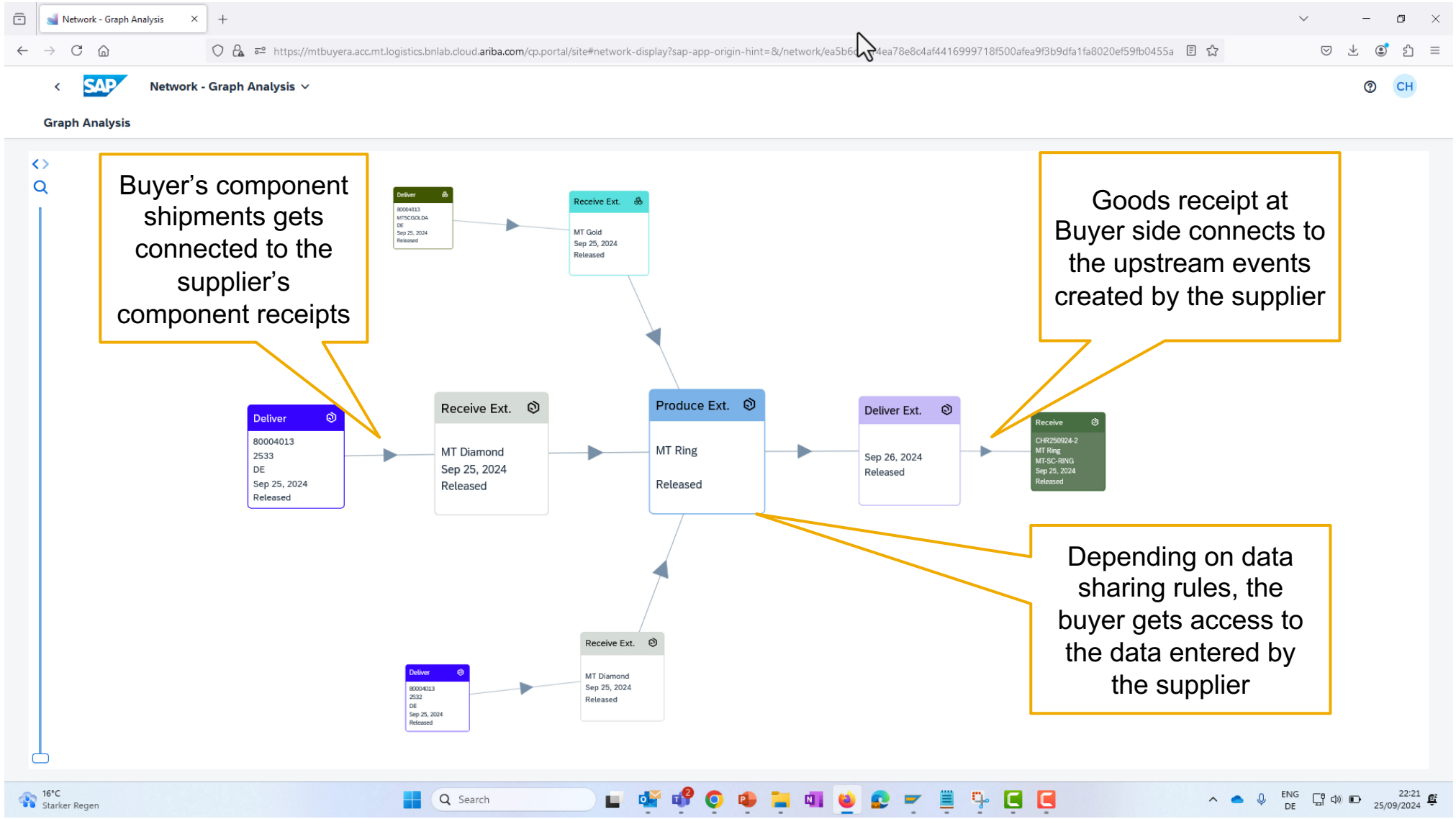
Example – Buyer's view in Material Traceability



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