**SAP Ariba** /\\/\\

# Feature at a Glance

**Adding work order data to purchase orders originating from 'SAP Ariba Buying' or 'SAP Ariba Buying and Invoicing' and follow-on documents**

Franck DUPAS, SAP Ariba
Target GA: May, 2020

THE BEST RUN **SAP**

# Feature at a Glance

## Introducing: **Adding work order data to purchase orders originating from 'SAP Ariba Buying' or 'SAP Ariba Buying and Invoicing' and follow-on documents**

## Customer challenge

Certain buying organizations that have SAP ERP as their back-office system use maintenance work orders to procure maintenance and repair services for their plants and machinery. These work orders originate from the Plant Maintenance module in SAP ERP and describe the materials and services required to fulfill such orders. If one or more items listed in those work orders are not available in the inventory, SAP ERP generates purchase requisitions for those items. Customers want to process these requisitions in their buying solution from SAP Ariba and transfer the work order information to their suppliers.

## Solution area

Ariba Network services automation

## Meet that challenge with
### SAP Ariba

Now buying solutions from SAP Ariba offer an integration with SAP ERP to process the procurement of requisitions issued from work orders.
With this feature, work order information originating from the Plant Maintenance module of SAP ERP is now displayed in documents transacted on Ariba Network. The two new work order information fields are work order identifier and equipment identifier.
A new transaction rule allows the Buyer to decide if the work order information should be visible to suppliers in Ariba Network.

## Implementation information

This feature is automatically on for all customers with the applicable solutions but requires **customer configuration**.

## Experience key benefits

Suppliers now receive purchase orders issued from work orders in SAP ERP and processed in procurement operations desk capability in the buying solution from SAP Ariba.

The trading partner collaboration for the maintenance process in SAP ERP is now automated through Ariba Network, benefiting to both buyers and suppliers involved in the process. Suppliers may see the work order information in the documents following the purchase orders in Ariba Network.

## Prerequisites and Restrictions

Buyers need to use procurement operations desk capability enabled in SAP Ariba Buying (alternatively SAP Ariba Buying and Invoicing) integrated with SAP ERP.

SAP S/4HANA is not supported, neither is direct connection to SAP ERP.

# Feature at a Glance

Introducing: **Adding work order data to purchase orders originating from 'SAP Ariba Buying' or 'SAP Ariba Buying and Invoicing' and follow-on documents**

## Detailed feature information

After the purchase requisitions issued from work orders in SAP ERP are approved by authorized personnel, purchase orders are created in SAP Ariba Buying or SAP Ariba Buying and Invoicing. These purchase orders contain work order-related information, and are sent to Ariba Network.

The following is the list of transaction documents in Ariba Network that will now display the new work order information:
- purchase order:
- invoice
- credit memo
- debit memo
- line item credit memo
- line item debit memo
- service entry sheet
- order confirmation
- advance ship notice
- goods receipt note

The only cXML document that includes the new work order fields is the purchase order. The list of documents shown above applies only to suppliers hosted on Ariba Network. Integrated suppliers need to match the below documents with the corresponding purchase order data to retrieve the work order information from there.

This feature enables Ariba Network to display Work Order ID and Equipment ID fields in documents transacted in Ariba Network. In the current release, only the Work Order ID field is sent to Ariba Network from SAP Ariba Buying or SAP Ariba Buying and Invoicing, and thus only the Work Order ID field is displayed in the documents. When buying solutions from SAP Ariba will include the Equipment ID field in the purchase order document, then this field will be automatically visible for the suppliers in the documents above on the web interface of Ariba Network.

# Feature at a Glance

Introducing: **Adding work order data to purchase orders originating from 'SAP Ariba Buying' or 'SAP Ariba Buying and Invoicing' and follow-on documents**

## New transaction rule to enable work order information

The work order information fields are displayed only if buyers have enabled the new rule **Allow supplier to view work order information (1)** in their Ariba Network accounts.
This rule appears at the bottom of the **Default transaction Rules** page, which is accessed by selecting **Administration**, then **Configuration**. It is unchecked by default.
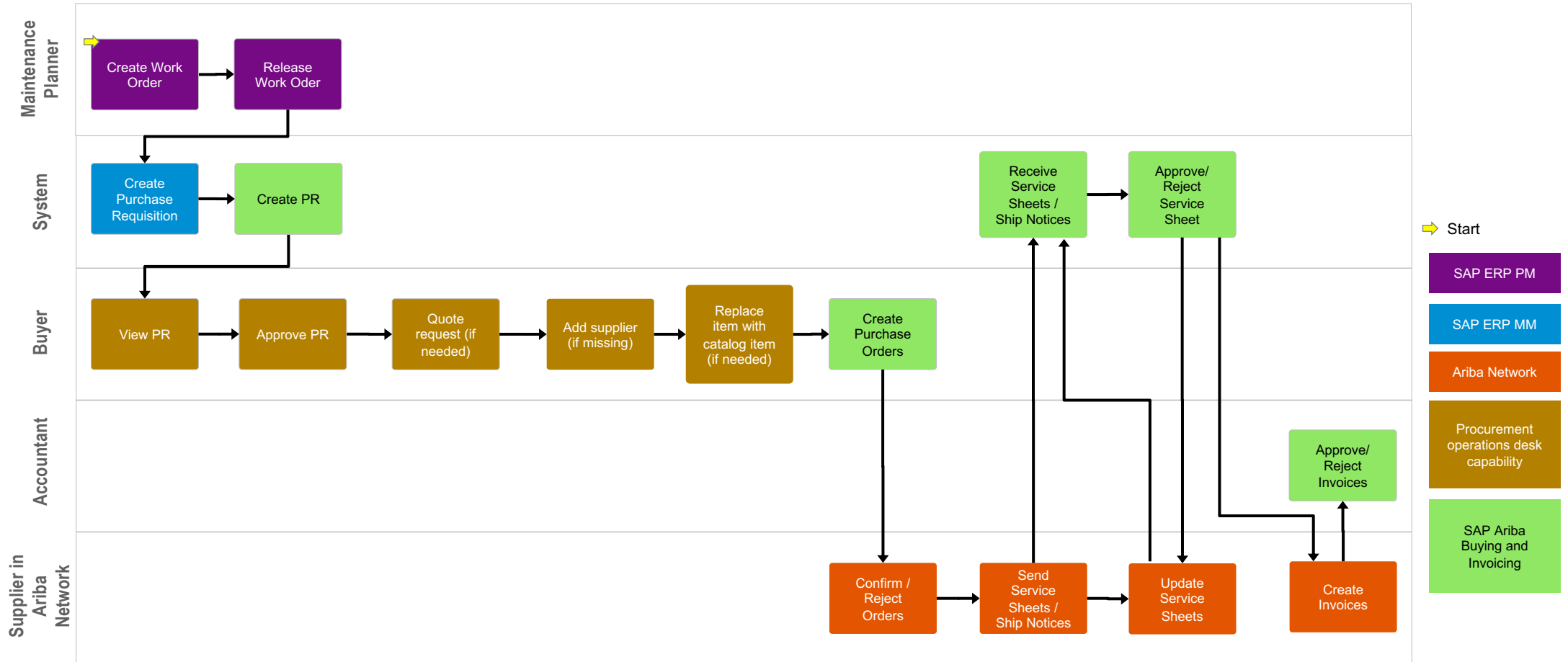
# Feature at a Glance

Introducing: **Adding work order data to purchase orders originating from 'SAP Ariba Buying' or 'SAP Ariba Buying and Invoicing' and follow-on documents**

## Screenshots

The screenshots on the right display a purchase order with work order information:

- The work order identifier at header level.

- The equipment identifier at line item level.

# Feature at a Glance

Introducing: **Adding work order data to purchase orders originating from 'SAP Ariba Buying' or 'SAP Ariba Buying and Invoicing' and follow-on documents**

## Screenshots

The screenshots on the right show the creation of a service sheet with work order information:

- The work order identifier at header level **(1)**.

- The equipment identifier at line item level **(2)**.

# Feature at a Glance

Introducing: **Adding work order data to purchase orders originating from 'SAP Ariba Buying' or 'SAP Ariba Buying and Invoicing' and follow-on documents**

## End to end process flow

# Feature at a Glance

Introducing: **Adding work order data to purchase orders originating from 'SAP Ariba Buying' or 'SAP Ariba Buying and Invoicing' and follow-on documents**

## Sample extracts from cXML purchase order

The data in the cXML purchase order extracts provided below is obtained from a test system. The data is for representational and general information purposes only.

The following two extracts from the cXML purchase order show the two new pieces of work order information:

```
<OrderRequestHeaderIndustry>
        <ReferenceDocumentInfo>
         <DocumentInfo documentDate="2018-11-28T16:36:31-08:00" documentID="MMRO1128A" documentType="WorkOrder"/>
        </ReferenceDocumentInfo>
        <ExternalDocumentType documentType="NB">
         <Description xml:lang="en">Standard PO</Description>
        </ExternalDocumentType>
        </OrderRequestHeaderIndustry>
```

```
<ItemOutIndustry>
        <QualityInfo>
            <IdReference domain="controlCode" identifier="0005">
                <Description xml:lang="en">Delivery release, certificate</Description>
            </IdReference>
            <IdReference domain="certificateType" identifier="Z21">
                <Description xml:lang="en">Vendor certificate of test data</Description>
            </IdReference>
        </QualityInfo>
        <AssetInfo isReferencedAsset="yes" equipmentId="234234234" location="Sunnyvale" serialNumber="SERJIFFIE" tagNumber="tagJIFFIE">
        </AssetInfo>
    </ItemOutIndustry>
```

**SAP Ariba**

Follow us

**THE BEST RUN** **SAP**