**BP315 Business Sub-Process Design Document**

**ASN Inbound Delivery**

Cross Industry/Sourcing & procurement

SAP - MM

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# Overview

Advanced Shipping Notice - ASN. It is a document that gives details about a pending delivery to the customer. ASN contains the delivery date , the items and quantities to be delivered.

# Document History

## Change History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ver.** | **Date** | **Summary of Changes** | **Author** | **Transfer Number** |
| V1.0 | 13/09/2019 | Initial Draft | Guhan senthil | NA |
| V2.0 | 17/02/2020 | Changes in UI Content | Sabatini Jena | NA |

## RASCI

|  |  |  |  |
| --- | --- | --- | --- |
| RASCI | Role | Name | Phone |
| NA | NA | NA | NA |

R: Responsible; A: Accountable; S: Support; C: Contribute; I: Information;

## Approval Detail

|  |  |  |  |
| --- | --- | --- | --- |
| **Review #** | **Date** | **Name & Position of Approver** | **Signature** |
| 1.0 | 13/09/2019 | Snehal Kutumbale | Snehal K |
| 2.0 | 17/02/2020 | Swapnil Kondra | Swapnil K |

## Other Related Documents

|  |  |
| --- | --- |
| **Related Document** | **Comment** |
| **BP310** | Business Process Flow |
| **TE586** | Test Script |
| **AP322** | Business Configuration Details |

# Business Process Overview

Advanced shipment notice (ASN) is used to update the purchasing documents like purchase orders based the recent information from vendors.

## High Level Requirements

Master data used for this process are,

|  |  |  |
| --- | --- | --- |
| **Supplier** | 900007 | Silicon Foundry |
| **Material** | 1590 | Demo RM SK |

## Key Value Drivers for the Business Process

The key features of using (ASN) are:

Plan Better: In the time between a purchasing document date and the delivery date, the customer can get useful, and correct information from the vendor about the expected delivery. So the customer will be able to plan better.

## Leading Practice Inputs

Process starts with S/4 HANA PR and PO creation, confirmation control key, Goods Receipt and invoice verification.

# Business Sub-Process Description

Advantages of ASN:

* Advanced shipment notices provide details about the future deliveries.
* Gives details on what shipments are going to arrive .
* Gives information regarding the timing of shipment.
* Useful for planning before the delivery.

ASN Inbound Delivery involves 4 steps as follows:

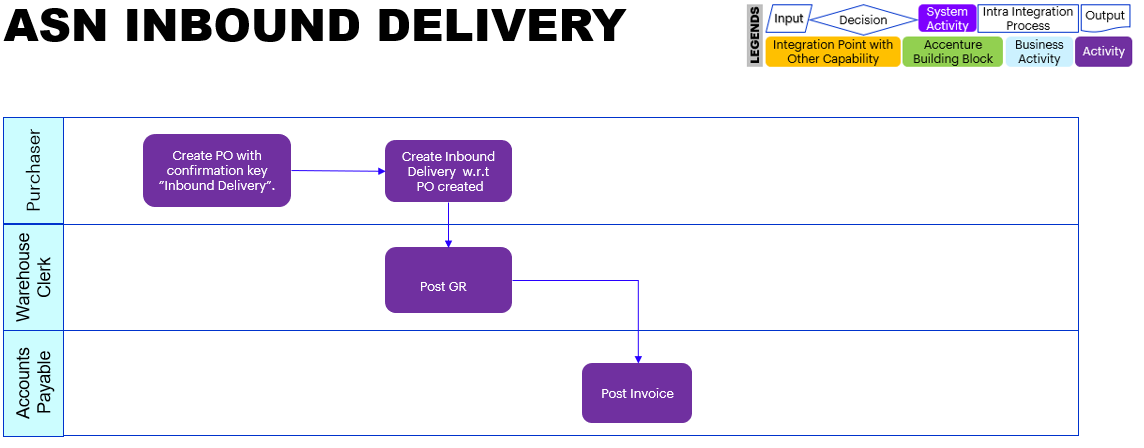
1. Create Purchase Order

2. Create Inbound Delivery with reference to PO

3. Post Goods receipt with reference to Inbound delivery

4. Post Invoice with reference to PO

## Business Sub-Process diagram



# Sub Process Activities

## Activity List

Activity definition document if applicable for the project & also has references in the process.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Description | Transaction Code/ Fiori app name | Roles involved | Regulatory /Other Controls |
| Create Purchase Order | Enter material, vendor, org details, plant . Go to confirmations tab in item level and check if confirmation control is Inbound Delivery. | Create Purchase Order advanced | Purchaser | NA |
| Create Inbound Delivery | Create Inbound Delivery with reference to PO | Create Inbound Delivery | Purchaser | NA |
| Post GR | Post Goods receipt with reference to Inbound delivery | Post Goods Receipt | Warehouse Clerk | NA |
| Post Invoice | Enter Invoice date, PO no ( in po reference tab ) , baseline period date and post the document . | Create supplier invoice | Accounts payable | NA |

## Inbound Communication

The Inbound Communication needs to be specifically documented for the client specific situation, like interfacing with external systems, workflow, form & Medium of communication.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Activity | Type (email, form, handoff, etc.) | Automatic/Manual | Source | Description |
| Purchase Order | Print, fax, email, EDI | Automatic/Manual | Vendor | Purchase Order Inbound.*Technical name: API\_PURCHASEORDER\_PROCESS\_SRV* |
| Goods Receipt | Print, fax, email, EDI | Automatic/Manual | Vendor | Goods Receipt Inbound*TechnicalAriba Network Integration enables you to collaborate in SAP S/4HANA with your suppliers via the Ariba Network. You can send electronic purchase orders to your suppliers, and you can receive purchase order confirmations, advanced shipping notifications, and electronic supplier invoices from the Ariba Network. You exchange the data using cXML messages.* |
| Invoice (FICO Process) | Print, fax, email, EDI | Automatic/Manual | Vendor | Invoice Received from Vendor network-*API\_SUPPLIERINVOICE\_PROCESS* |

## Outbound Communication

The Outbound Communication needs to be specifically documented for the client specific situation, like interfacing with external systems, workflow, form & Medium of communication.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Activity | Type (email, form, handoff, etc.) | Automatic/Manual | Source | Description |
| Vendor Invoice Verification Document | E mail /Form | Automatic/Manual | SAP | Vendor Invoice Verification Document;*InvoiceStatusUpdateNotification\_OutThis will send notification about the status of an Invoice to suppliers* |
| Output PO | Print, fax, email, EDI | Automatic/Manual | SAP | PO sent to Vendor network-*Technical name: PurchaseOrderStatusNotification\_Out* |

## Test Conditions

|  |  |  |
| --- | --- | --- |
| Number | Test Condition – Action | Expected Result |
| 1 | Create Purchase Order | Purchase Order should be created |
| 2 | Create Inbound Delivery | Inbound Delivery should created. |
| 3 | Post GR | Material document should be posted. |
| 4 | Post Invoice | Invoice document should be posted. |

# Sub-Process VARIATION

## Business Unit Led

Not applicable

## Geography/Unity Entity Led

Not applicable

# ROLE DEFINITION AND ORGANISATIONAL IMPACT

The content in this section will serve as input for the training and performance support team’s deliverables.

## Role/Skill Class Inventory

|  |  |  |
| --- | --- | --- |
| **Role** | **Skills** | **Knowledge** |
| Purchaser | Responsible for purchasing related activities | All Purchasing related activities |
| Warehouse Clerk | Responsible for posting goods receipt | All Goods Movement related activities |
| Accounts payable accountant | Responsible for posting invoice receipts | All Invoice related activities |

## Role Summary

|  |  |  |
| --- | --- | --- |
| Role | List of Steps | SAP Transaction |
| Purchaser | Create Purchase Order | Create Purchase Order advanced |
| Warehouse Manager | Create Inbound Delivery | Create Inbound Delivery |
| Warehouse Clerk | Post GR | Post Goods Receipt |
| Accounts payable accountant | Post Invoice | Create supplier invoice |

## Organisational Impact

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reference # | Impact Description | Impact (H/M/L) | Impact Type | Impacted Groups |
| NA | NA | NA | NA | NA |

# Process Fitness & Gap Analysis

## Process Fitness

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Req ID | Short Description | Long Description | Req. Type | Accenture Reusable Assets |
| NA | NA | NA | NA | NA |

## Gap Analysis

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Country/ Region/ Business Impacted | Gap Description | Legal Req. (Y/N) | Magnitude of Impact  (L/M/H) | Solution Type | RICEFW No. | Ref. to Req. id. |
| NA | NA | NA | NA | NA | NA | NA |

# RICEFW

## Reports-Fiori Analytical Apps

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Client XYZ  RICEFW # | Report Description | Complexity  (H/M/L) | Comments | Use from /  (New / Rework/ Rep) | Ref # from RICEFW inventory |
| myConcerto | Monitor Purchase Order Items | M | F2358 | New | N/A |
| myConcerto | Spend Analysis | M | F2835 | New | N/A |

## Interfaces (Inbound / Outbound)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Client XYZ  RICEFW # | Interface Description | Complexity (H/M/L) | Comments | Use from/(New/Rework/ Rep) | Ref #fromRICEFW inventory |
| NA | NA | NA | NA | NA | NA |

## Conversions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Client XYZ RICEFW # | Conversion Description | Complexity (H/M/L) | Comments | Use from/(New/Rework/ Rep) | Ref # from RICEFW inventory |
| NA | NA | NA | NA | NA | NA |

## Enhancements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Client XYZRICEFW # | Enhancement Description | Complexity  (H/M/L) | Comments | Use from / (New / Rework/ Rep) | Ref # from RICEFW inventory |
| NA | NA | NA | NA | NA | NA |

## Forms

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Client XYZ RICEFW # | Form Description | Complexity (H/M/L) | Comments | Use from/(New / Rework/ Rep) | Ref # from RICEFW inventory |
| NA | NA | NA | NA | NA | NA |

## Workflows

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Client XYZ RICEFW # | Workflow Description | Complexity (H/M/L) | Comments | Use from (New / Rework/ Rep) | Ref # from RICEFW inventory |
| NA | NA | NA | NA | NA | NA |

# Integration Points

Generic Integration touch points have been highlighted in this section. It covers dependencies or prerequisites arising from other processes or sub processes. This information should lead to cross functional discussions between different work streams to sort out the interdependencies

## Integration Issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Issue # | Issue Description | Impact | Status | Resolution |
| NA | NA | NA | NA | NA |

## Other issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Issue # | Issue Description | Impact | Status | Resolution |
| NA | NA | NA | NA | NA |

## Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Description | Author |
| 1.0 | 09/13/2019 | Snehal Kutumbale | Snehal K |
| 2.0 | 02/17/2020 | Swapnil Kondra | Swapnil K |