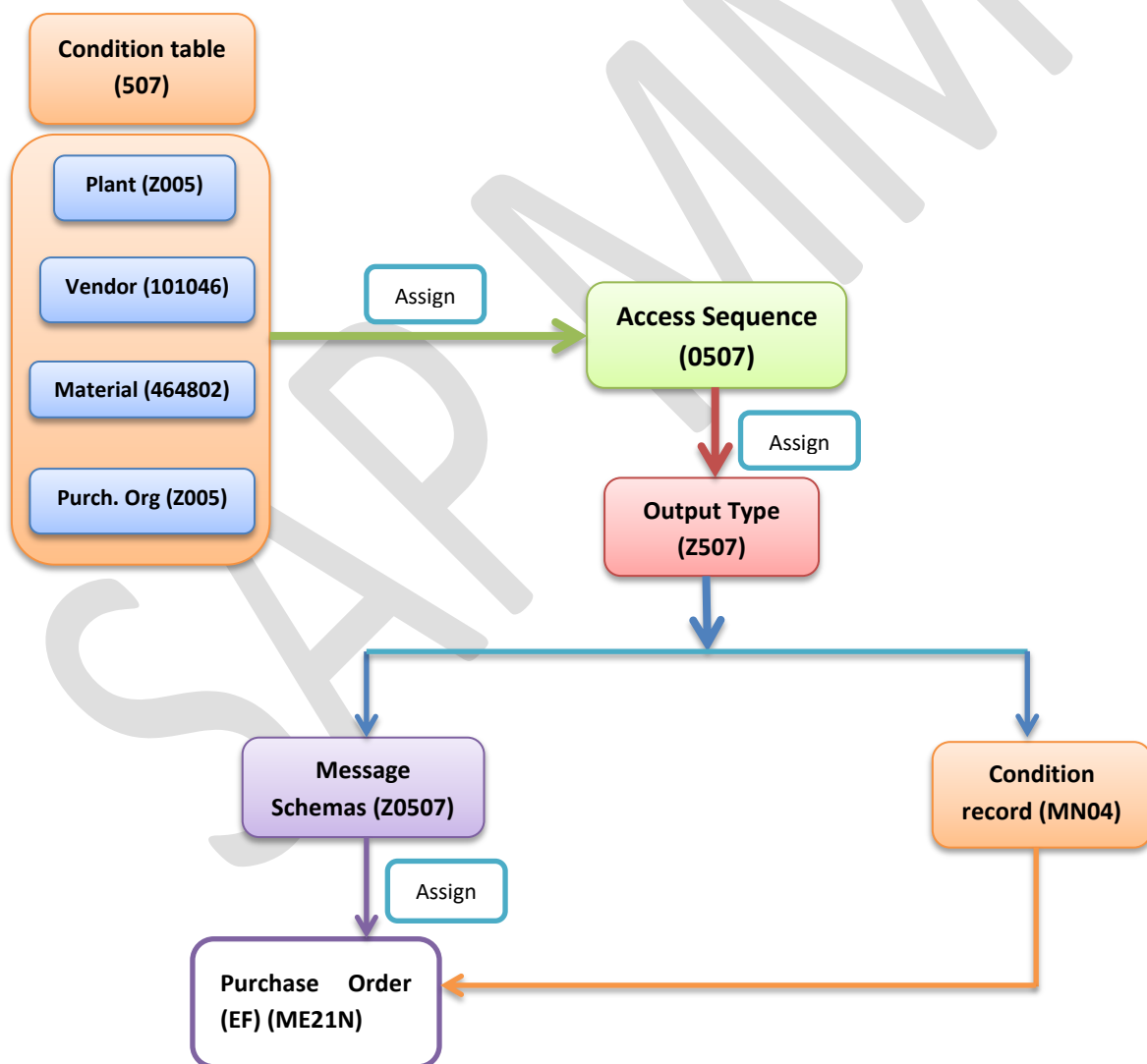


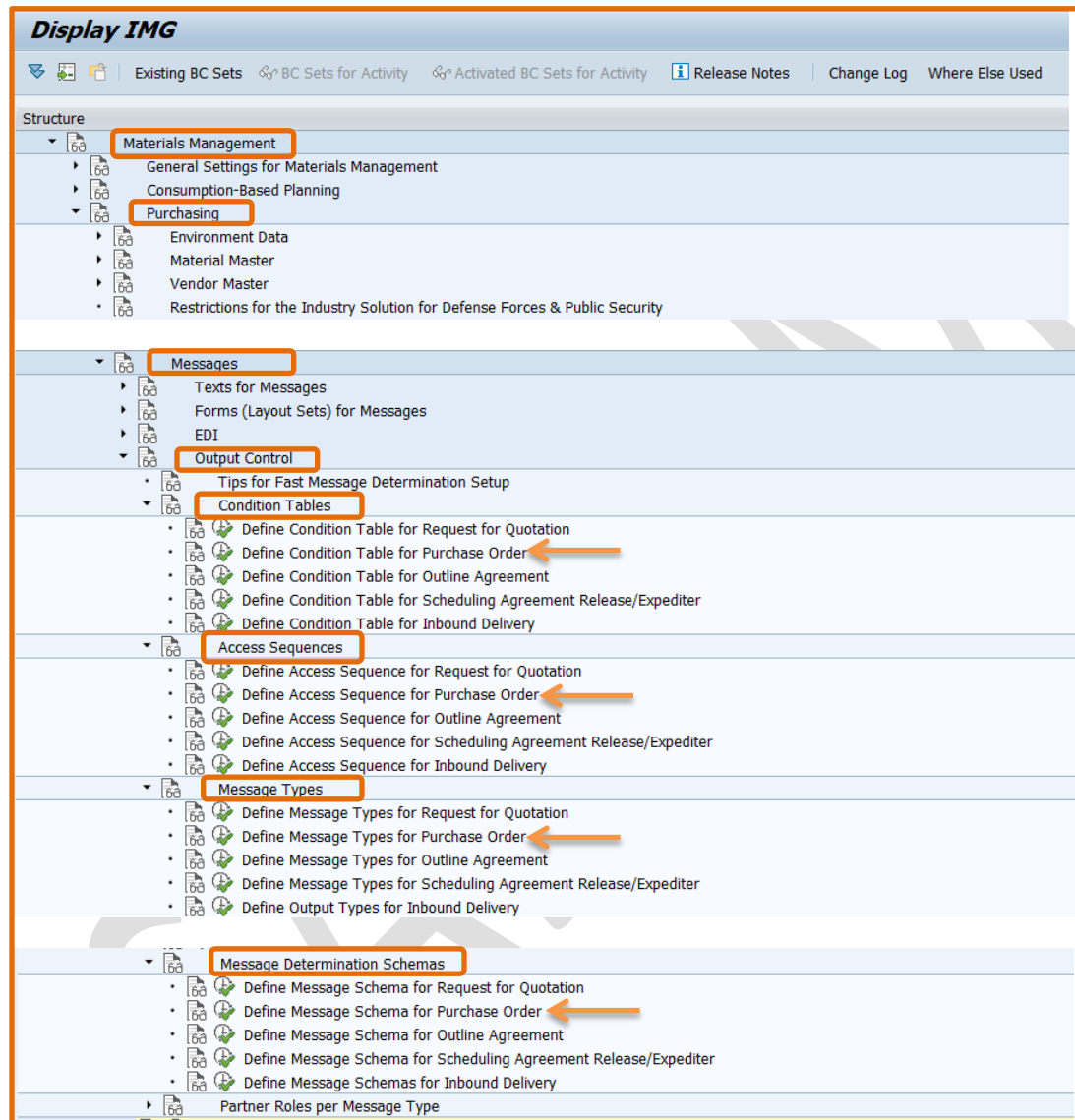
## Message Determination

Messages are an important part of communicating with vendors in relation to purchase transaction.

There are two types of communication with the vendor via postal services and electronically. For output message, it dependence on different criteria that enables you to process and send these message.



## Path to Generate Output Message for Purchase Order (PO)



## STEP-1:

### Create Condition Table

**Create Condition Table (Output Purchase Order): Field Overview**

Table: **507**

Copy from condition Table: ☐

Here select non existing number for condition table.

Table (1) 94 Entries found




Restrictions

Tab Short Description

025	Purchasing Output Determination: Doc.Type/Purch.Org./Vendor
026	Purchasing Output Determination: Document Type
027	Purchasing Output Determination: Purch. Org./Vendor for EDI
029	Purch.org.
503	Purch.Org./Doc. Type/Purch. Grp/Plant
505	CoCode/Doc. Type/Purch.Org./Purch. Grp
506	CoCode/Doc. Type/Purch.Org./Purch. Grp/Plant
507	Plant/Vendor/Material/Purch.Org.
508	Doc. Type/Purch.Org./Vendor/Purch. Grp
511	CoCode/Plant/Vendor/Purch.Org./Doc. Type
516	Plant/Purch.Org./Purch. Grp/Vendor
517	Plant/Purch.Org.

94 Entries found

**Create Condition Table (Output Purchase Order): Field Overview**

Select field Technical view Other description Field attributes...   

Generate (Shift+F4) Plant/Vendor/Material/Purch.Org.

Selected fields

Long Key Word
Plant
Vendor
Material
Purch. Organization

FieldCatlg

Long Key Word
Company Code
INTCOM
Label type
Material
Ordering address
Plant
Purch. Organization
Purchasing Doc. Type
Purchasing Group
Supplying Plant
Vendor

I have selected 4 Fields combination for which I want output message.

**Create Condition Table (Output Purchase Order): Field Overview**

Table: **507** Plant/Vendor/Material/Purch.Org.

Selected fields

Long Key Word
Plant
Vendor
Material
Purch. Organization

Create Object Directory Entry

Object: **R3TR** **VKOS** **B507**

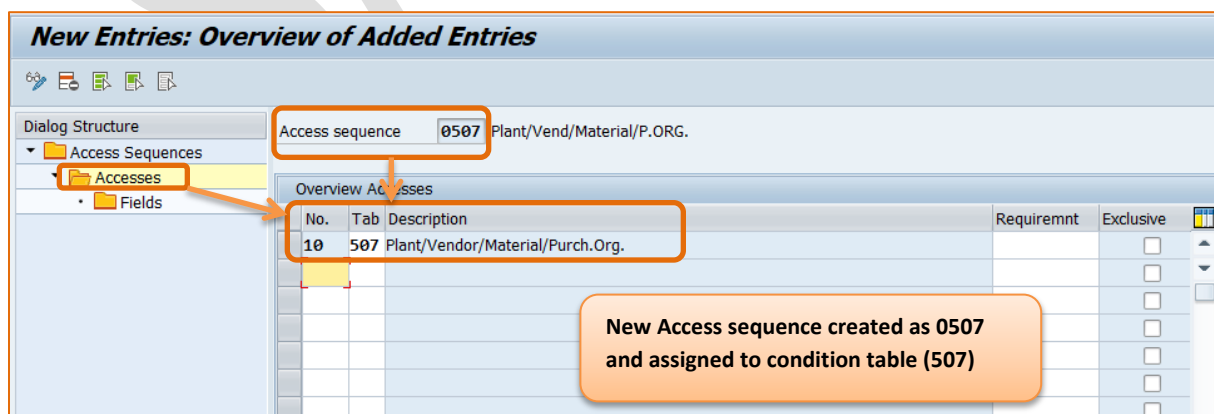
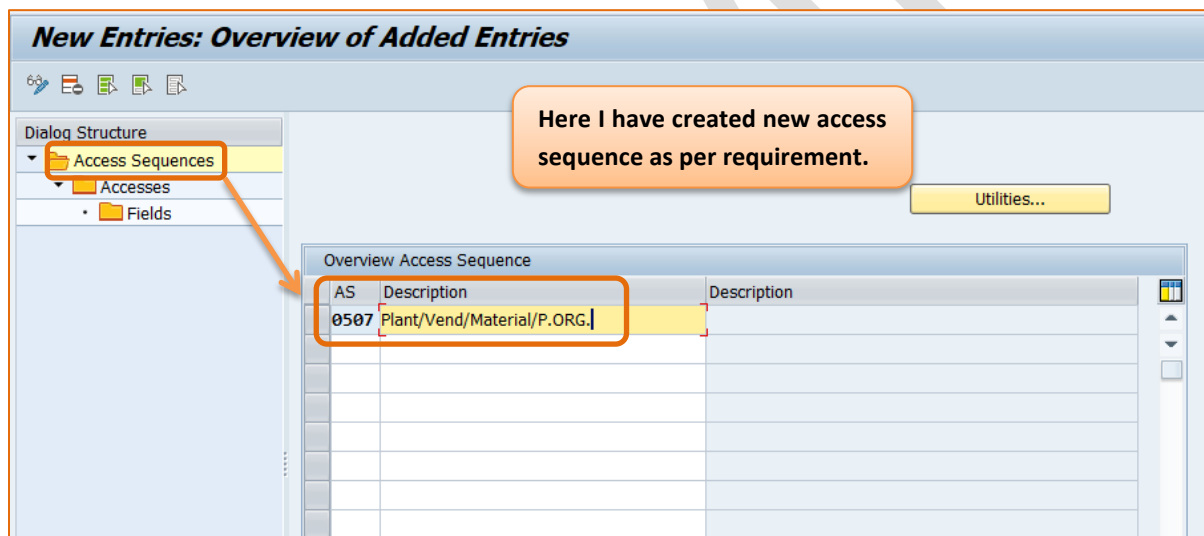
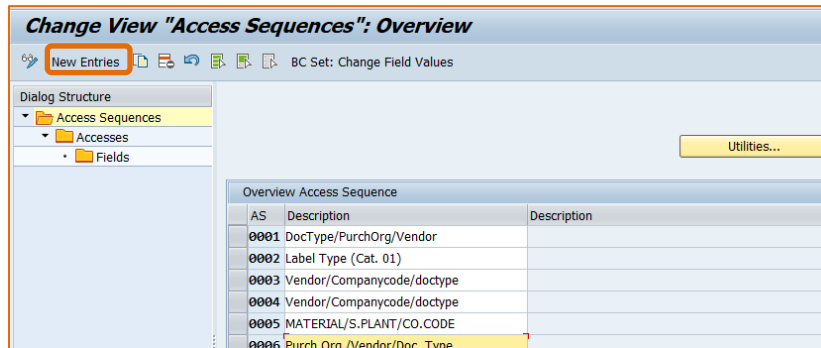
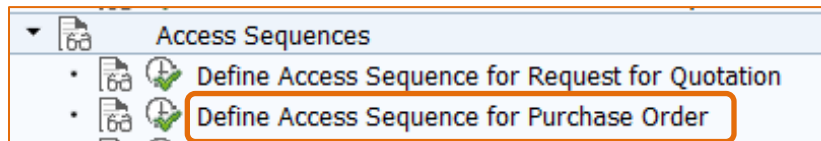
Attributes

Package	
Person Responsible	<b>AKASHH</b>
Original System	<b>ID7</b>
Original language	
Created On	

Local Object Lock Overview

## STEP-2

Create access sequence and Assign Access Sequence to condition table.



By selecting condition table one by one and click on fields and enter. I had entered into the structure KOMP for item overview details and KOMK for Header field. Save and enter

**Change View "Fields": Overview**

BC Set: Change Field Values

Access: 0507 10 Plant/Vend/Material/P.ORG.  
Table: 507 Plant/Vendor/Material/Purch.Org.

Condition	I/O	Docmt Stru...	Doc.field	Long field label	Spec. Val.	Source	Init
WERKS	←	KOMPBEA	WERKS	Plant			<input type="checkbox"/>
LIFNR	←	KOMKBEA	LIFNR	Vendor			<input type="checkbox"/>
MATNR	←	KOMPBEA	MATNR	Material			<input type="checkbox"/>
EKORG	←	KOMKBEA	EKORG	Purch. Organization			<input type="checkbox"/>

Data was saved



### STEP-3

#### Create Message Type

**Message Types**

- Define Message Types for Request for Quotation
- Define Message Types for Purchase Order

**Choose Activity**

Per...	Name of Activity
	Maintain Message Types for PO
	Fine-Tuned Control: Purchase Order

**Change View "Output Types": Overview**

BC Set: Change Field Values

Application: EF

OutputType	Name
NEU	New PO printout
NEUA	New PO printout AN
NEUS	New PO printout
NEVK	New PO printout
NGEN	New PO printout
NNNN	New PO printout
NXTG	New PO printout

NEU output type is standard provided by SAP, I have copied it.

Position... Entry 27 of 84

I have changed output type name to Z507 and assign it to access sequence.

**Change View "Output Types": Details of Selected Set**

Purchase Order  
Output Type **Z507** PO printout for Z005

General data | Default values | Time | Storage system | Print | Mail | Sort order

Access sequence **0507** DocType/PurchOrg/Vendor

☒ Access to conditions  
☐ CannotBeChanged  
☒ Multiple issuing  
☐ Partner-indep.output  
☐ do not write processing log

Change output  
Program **FM06AEND**  
FORM routine **CHANGE\_FLAG**

Replacement of text symbols  
Program  
FORM routine

I have assigned my access sequence

Copy all Data from standard NEU into Z507

**Change View "Output Types": Details of Selected Set**

Purchase Order  
Output Type **Z507** PO printout for Z005

General data | Default values | Time | Storage system | Print | Mail | Sort order

Access sequence **0507** DocType/PurchOrg/Vendor

☒ Access to conditions  
☐ CannotBeChanged  
☒ Multiple issuing  
☐ Partner-indep.output  
☐ do not write processing log

Change output  
Program **FM06AEND**  
FORM routine **CHANGE\_FLAG**

Replacement of text symbols  
Program  
FORM routine

Specify object to be copied

The entry to be copied has dependent entries

**copy all**  
only copy entry  
Cancel

You can copy the entry with all dependent entries, or just the entry itself.

### Change View "Mail title and texts": Overview

New Entries

Dialog Structure:
 

- Output Types
  - Mail title and texts**
  - Processing Routines
  - Partner roles

Application: EF  
 Output Type: Z507

Language	Text	Document title
HI		नया कच ऑर्डर का प्रिंटआउट
ZH		新的采购订单输出
TH		การพิมพ์ใบส่งซื้อใหม่
KO		신규구매오더 인쇄출력
RO		Listing comandă de aprovizionare nouă
SL		New Purchase Order Printout

Position... Entry 1 of 21

### Change View "Processing Routines": Overview

New Entries
 




 BC Set: Change Field Values

Dialog Structure:
 

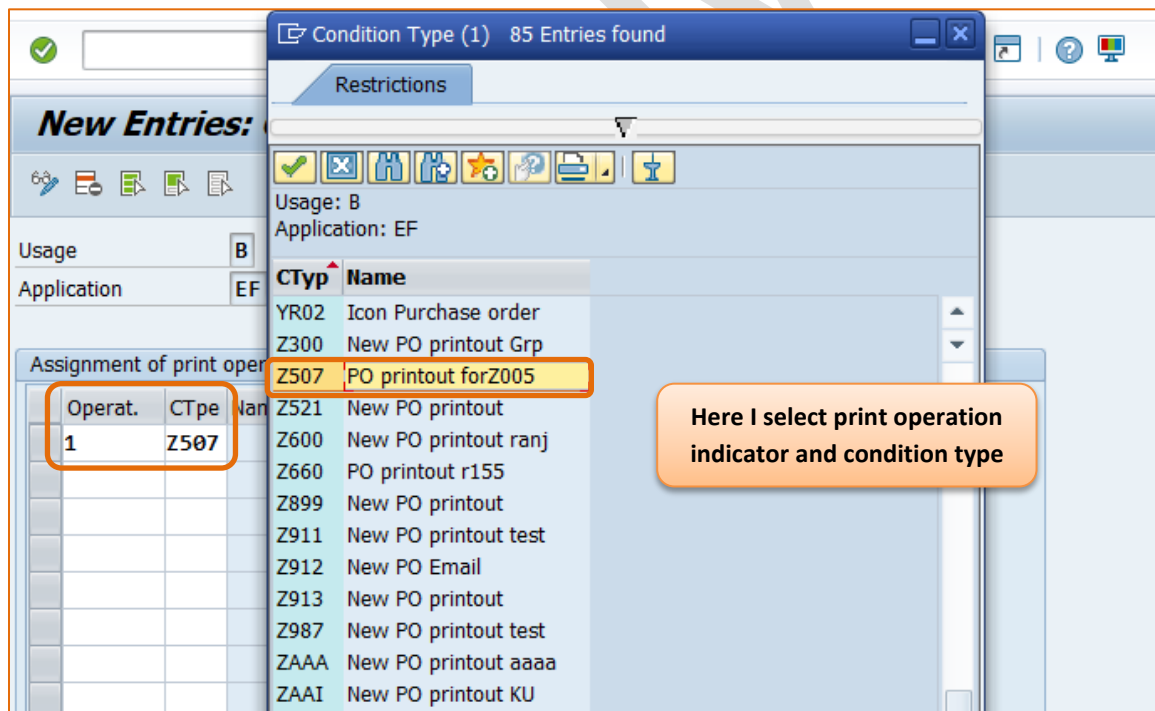
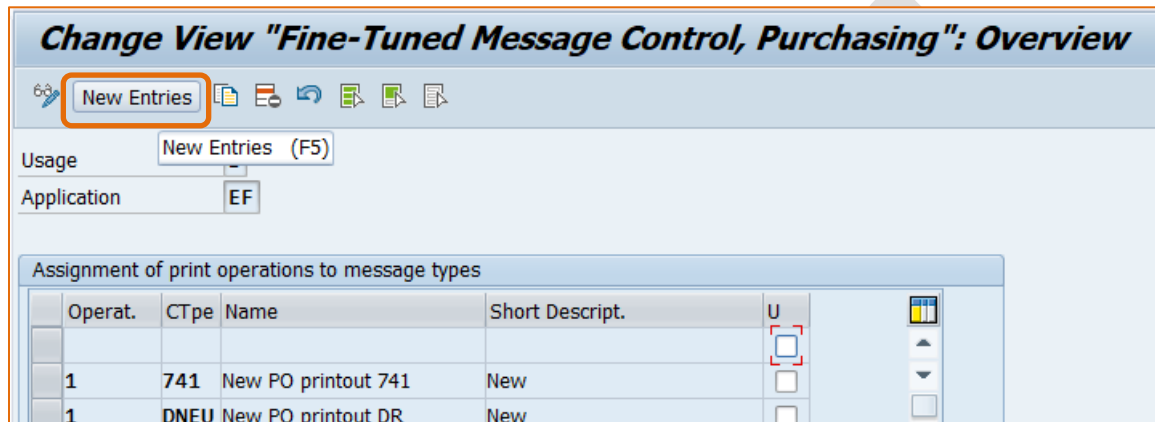
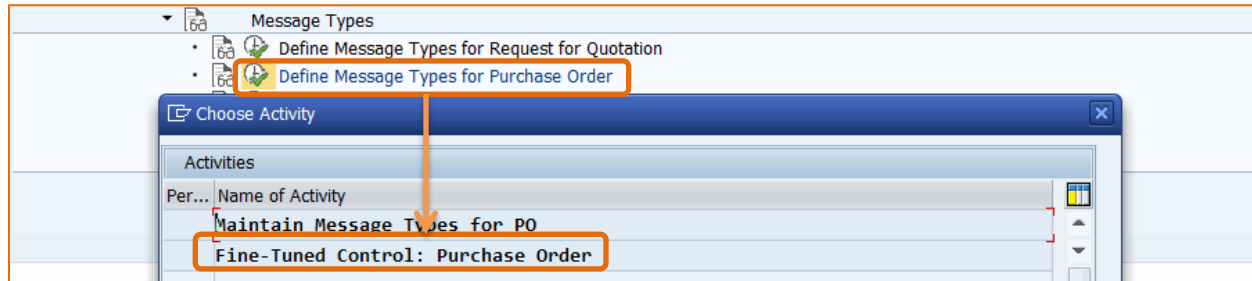
- Output Types
  - Mail title and texts
  - Processing Routines**
  - Partner roles

Output Type: Z507  
 Application: EF Purchase Order

Medium	Program	FORM routine	Form	PDF/SmartForm Form	Type
1 Print output	SAPFM06P	TRY_NEU	MEDRUCK	MEDRUCK_PO	2 PDF
2 Fax	SAPFM06P	ENTRY_NEU	MEDRUCK		
5 External send	SAPFM06P	ENTRY_NEU	MEDRUCK		
6 EDI	RSNASTED	EDI_PROCESSING			
7 Simple Mail	SAPFM06P	ENTRY_NEU	MEDRUCK		
A Distribution (A..	RSNASTED	ALE_PROCESSING			

Data was saved

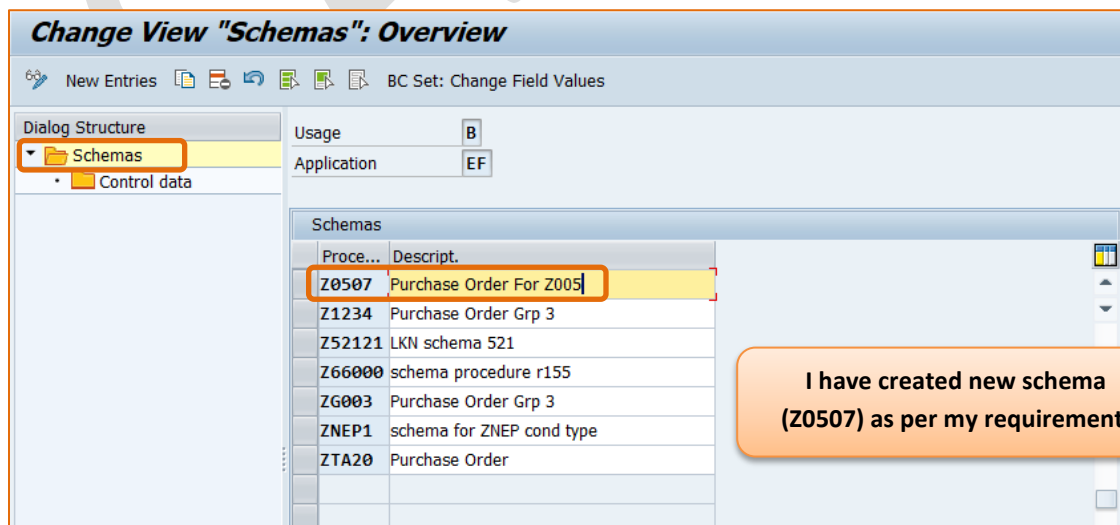
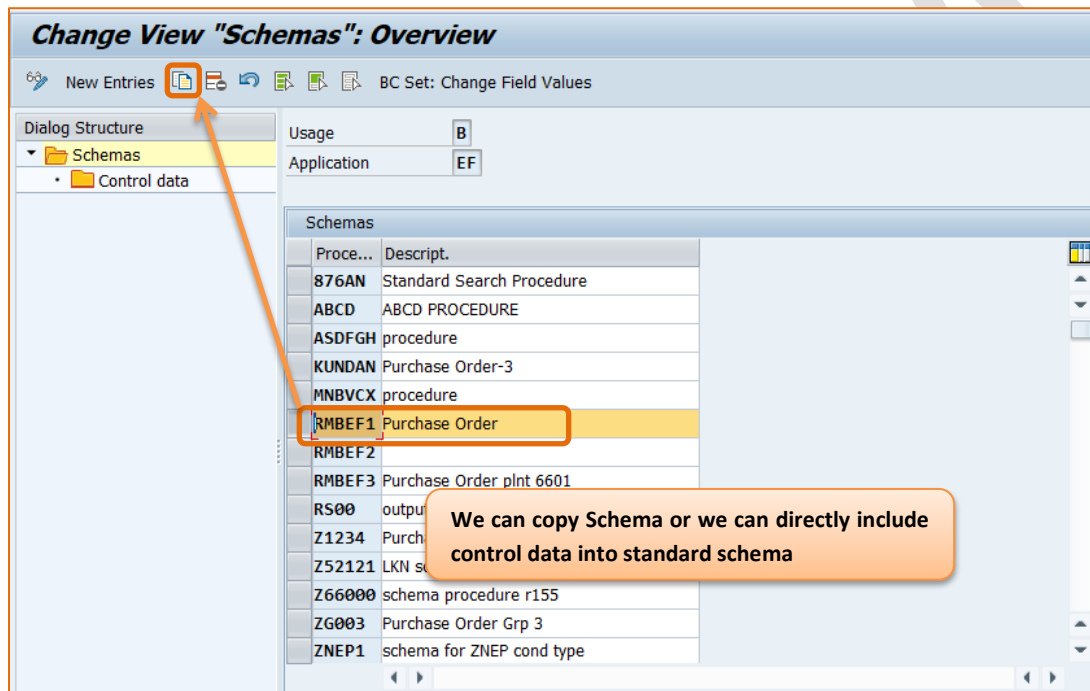
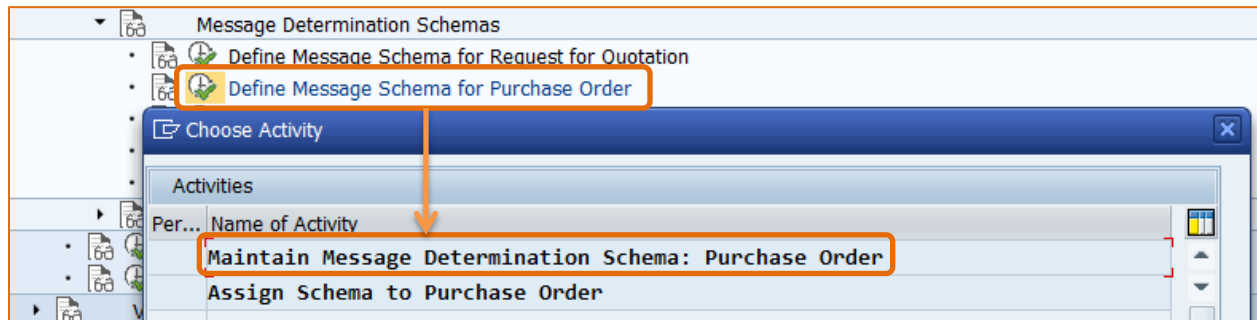
## Select Fine Tune Control: Purchase order

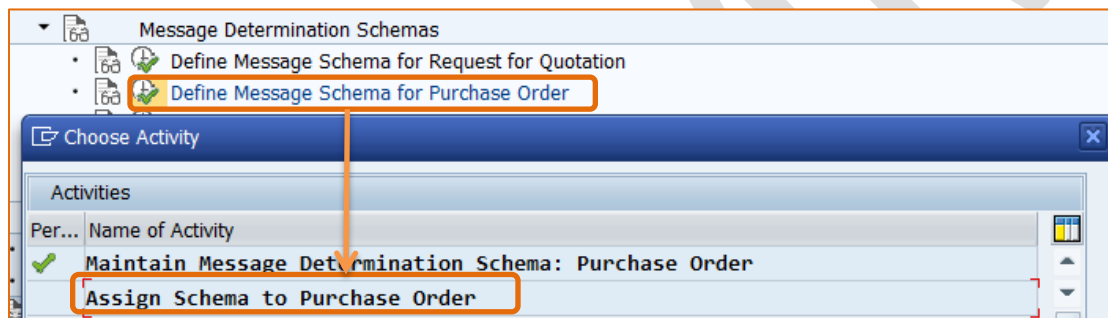
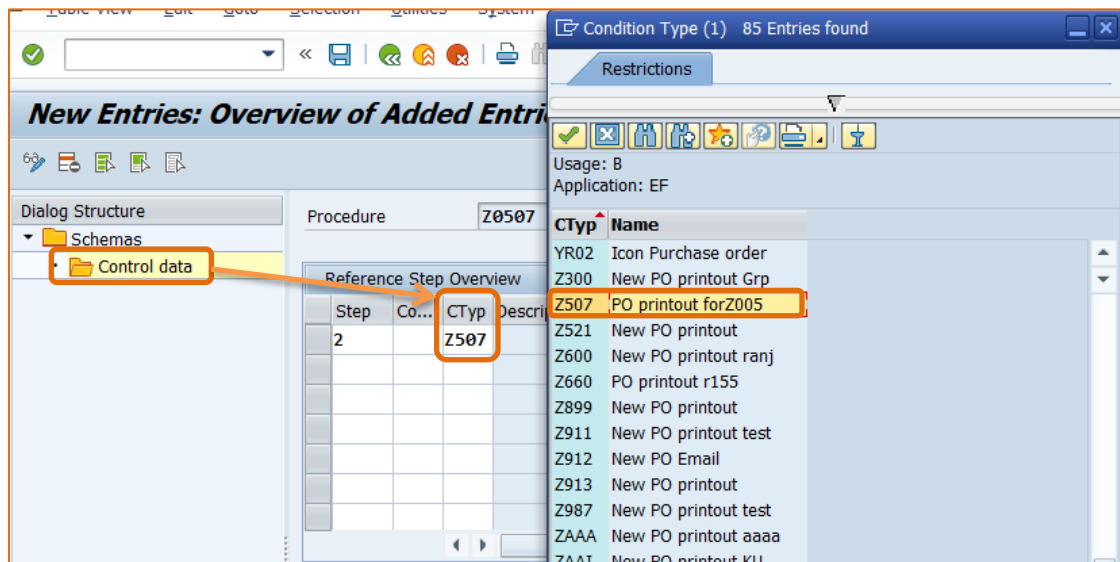




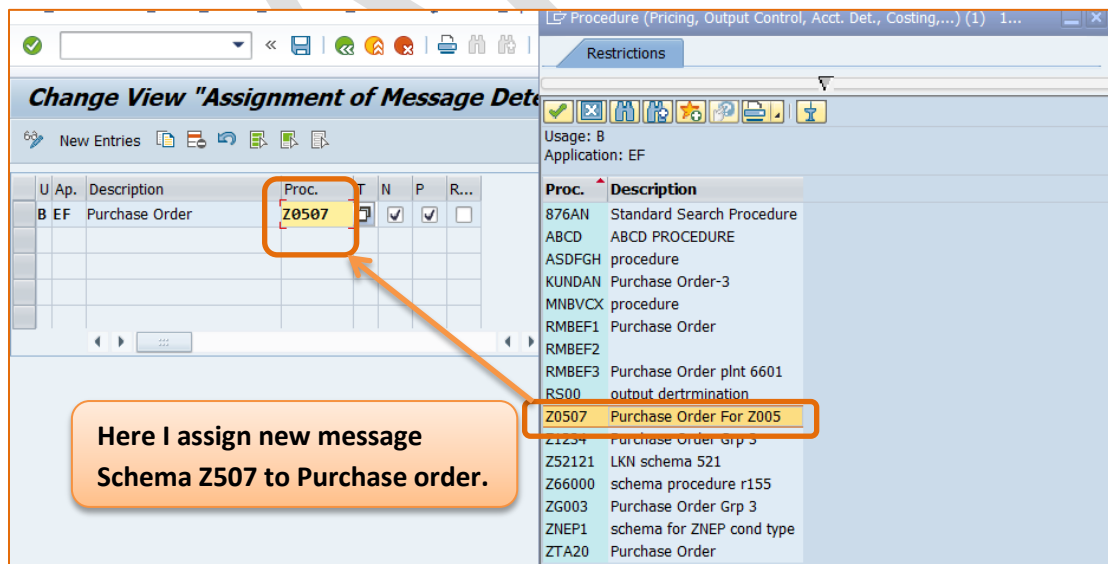
## STEP-4

### Create Message Determination Schemas





Here I assign new message Schema Z507 to Purchase order.



## STEP-5

### Create Condition Record

T-code: **MN04** for message type Z507

**Create Output - Condition Record**

Key combination

Output Type: **Z507**

**Condition Type (2) 85 Entries found**

Restrictions

CTyp	Name
Z507	PO printout for Z005
Z521	New PO printout
Z600	New PO printout ranj
Z660	PO printout r155
Z899	New PO printout

85 Entries found

Here I have maintained combination which I had selected in condition table and I can assign in condition records.

**Create Condition Records (PO printout for Z005): Fast Entry**

Communication

Plant: **Z005** FA MUMBAI PLANT

Vendor: **101046** REGIME AUTOGEAR LTD

Material: **464802** REAR VIEW MIRROR

**Condition Recs.**

Purch.Org.	Name	Funct	Partner	M...	Dat...	Lang...
<b>Z005</b>	FA PurchOrg	VN		1	3	
✓						
✓						
✓						
✓						
✓						
✓						

Configuration done here now we need to check in Purchase Order.

## Create PO

T-CODE: ME21N

**Create Purchase Order**

Document Overview On | Hold | Park | Print Preview | Messages | ENTER here to check output message generated.

NB Standard PO | Vendor: 101046 REGIME AUTOGEAR LTD | Doc. date: 09.07.2021

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | Org. Data | Status | Payment Processing

Purch. Org.: Z005 FA PurchOrg  
Purch. Group: 000 Chef.H.  
Company Code: 1000 BestRun Germany

Here we can see for combination of condition type which I had decided I entered in PO.

S...	Item	A	I	Material	Short Text	PO Quantity	OUn	C	Deliv. Date	Net Price	Curr...	Per	OPU	Matl Group	Plnt
	10			464802	AR VIEW MIRROR		100	EA	09.07.2021	150,00	EUR	1	EA	Metal Proces..	FA MUMBAI PLANT

Default Values | Add Planning

**Create Pur. Order :: Output**

Communication method | Processing log | Further data | Repeat output | Change output

Pur. Order.....

Sta...	Outpu...	Description	Medium	Fu...	Partner	Lan...	C...	Pr
	Z507	New PO printo...	1 Print output	VN	101046	EN		
	ZNY9	test 11	1 Print output	VN	300018	EN		

Possible Entries:

List of allowed output

Output Type

- ZHJK New PO printout
- Z507 PO printout for Z005
- 303 PO printout\$
- ZPP New PO printout1
- Z911 New PO printout test

As per configuration message output triggered here.

## Create Pur. Order :: Output

vendor 101046 REGIME AUTOGEAR LTD  
Output type Z507 New PO printout

### Printing information

Logical destination LP01  
SAP SI Hamburg Raum Alster  
Number of messages 1 ☒ Print immediately  
Spool request name  ☐ Release after output  
Suffix 1   
Suffix 2   
SAP cover page Do Not Print  
Recipient SAGAR  
Department   
Cover Page Text NEW PURCHASE ORDER PRINT  
Authorization   
Storage Mode

Here I have entered  
my local printer.

### Create Purchase Order

Document Overview On Hold **Print Preview** Messages Personal Setting Save As Template Load from Template

NB Standard PO Vendor 101046 Print Preview (Shift+F8) TD Doc. date 04.07.2021

Delivery/Invoice Conditions Texts Address Communication Partners Additional Data Org. Data Status Payment Processing

Purch. Org. Z005 FA PurchOrg  
Purch. Group 000 Chef,H.  
Company Code 1000 BestRun Germany

To see print preview Enter Here

S.	Item	A	I	Material	Short Text	PO Quantity	OU	C	Deliv. Date	Net Price	Curr...	Per	OPU	Matl Group
	10			464802	AR VIEW MIRROR		100	EA	D 09.07.2021	150,00	EUR	1	EA	Metal Proc
											EUR			
											EUR			

**Print Preview of LP01 Page 00001 of 00001**

Company  
REGIME AUTOGEAR LTD  
REGIME AUTOGEAR LTD

**Purchase order**

PO number/date  
/ 04.07.2021  
Contact person/Telephone  
Chef, H. / 069/5510

Our VAT registr. no.  
DE123456789


Your vendor number with us  
101046

Please deliver to:  
Firma  
Hamburg

Delivery date: Day 09.07.2021

Terms of payment: Net 30

Currency EUR



Terms of payment: Net 30				Currency EUR	
Item	Material	Unit	Description	Price per unit	Net value
Order qty.					
00010	464802	100 Each	REAR VIEW MIRROR	150,00	15.000,00 0,00
Total net value excl. tax EUR					15.000,00

Thnaks & Regards,  
Akash Hiwale  
[akashhiwale20@gmail.com](mailto:akashhiwale20@gmail.com)