

## Custom Solution for INTRASTAT Requirement

### A. Issues and Statement

You are using SRM extended classic PO and Import/Export fields are not mapped directly from the SRM server into the ERP backend.

The solution discussed below acts as a workaround enabling you to transfer the Import/Export fields that you have defined as customer field (CUF) in both the SRM PO Header and Item level.

The samples codes below are provided as a reference guides for your own development needs and not served as an official solution released by the SAP support organization. You are to use this solution only after conducting thorough testing in your own system environment.

Validation of the customer field value in SRM is not discussed here but you can consider using the SRM BADI *BBP\_DOC\_CHECK\_BADI/BBP\_ITEM\_CHECK\_BADI* for this requirement.

Upon adopting this solution, you will also create a SAP development request for this business requirement.

### B. Prerequisites OSS Notes

The following SAP notes are already implemented in your SRM or ERP systems:

1. 1147698 - Purchase order: Message 06 022 - No data changed
2. 1231231 - Extended Classic Scenario: Import/Export (Intrastat) PO Data
3. 1377990 - BAPI\_PO\_CHANGE - Change of intrastat fields

### C. To transfer standard Import/Export Fields Provided from SRM to ERP

1. Standard HEADER Import/Export fields consists of the following only:

TRANSPORT_MODE	BBP_EXPVZ	Mode of Transport for Foreign Trade
CUSTOMS	BBP_DZOLLS	Customs office: Office of exit for foreign trade

2. Standard ITEM Import/Export fields consists of the following only:

BUSINESS_TRANSACTION_TYPE	BBP_EXART	Business Transaction Type for Foreign Trade
EXPORT_IMPORT_PROCEDURE	BBP_EXPRF	Export/Import Procedure for Foreign Trade
COUNTRYORI	BBP_HERKL	Material's country of origin

COUNTRYORI_ISO	INTCA	Country ISO code
REGIONORIG	BBP_HERKR	Region of origin of material (non-preferential origin)
COMM_CODE	BBP_STAWN	Commodity code / Import code number for foreign trade
SHIPPING_COUNTRY	BBP_VERLD	Country of Dispatch for Foreign Trade
SHIPPING_COUNTRY_ISO	INTCA	Country ISO code

3. You have created customer fields on SRM screen for import/export field value entering.

Examples:

PO Header (INCL\_EEW\_PD\_HEADER\_CSF\_PO)

ZZEXPVZ - Mode of Transport for Foreign Trade

PO Item (INCL\_EEW\_PD\_ITEM\_CSF\_PO)

ZZEXART - Business Transaction Type for Foreign Trade

ZZSTAWN - Commodity code / Import code number for foreign trade

4. You need to create an implementation for the BADI BBP\_ECS\_PO\_OUT\_BADI and map it to the standard structure fields above. This BADI can be easily expanded to cover the rest of the standard MM fields (e.g. EKPO, EKKO, etc) once the customer fields are also available in the SRM header/item field structures.

Sample Codes:

```
DATA: ls_item          TYPE LINE OF bbp_pdt_po_item_d,
      ls_expimpitem TYPE LINE OF bbpt_badi_po_item_expimp_1.
```

*\* for import/export HEADER (EIKP)*

```
cs_poexpimpheader-transport_mode = is_header-zzexpvz.
```

*\* for import/export ITEM (EIPO)*

```
LOOP AT it_item INTO ls_item.
```

```
  CLEAR ls_expimpitem.
```

```
  ls_expimpitem-po_item          = ls_item-number_int.
```

```
  ls_expimpitem-business_transaction_type = ls_item-zzexart.
```

```
  ls_expimpitem-comm_code        = ls_item-zzstawn.
```

```
  APPEND ls_expimpitem TO ct_bapi_poexpimpitem.
```

```
ENDLOOP.
```

D. To transfer additional Import/Export Fields from SRM to ERP not delivered in (C) above

1. You have a requirement to transfer additional import/export field into the ERP PO item.

Examples:

EIPO-COIMP	Code number for import processing in foreign trade
EIPO- SEGAL	Exclusion/Inclusion indicator for declara. to authorities

2. SRM System - You have created additional item customer fields on SRM screen for import/export field value entering.

Examples:

PO Item (INCL\_EEW\_PD\_ITEM\_CSF\_PO)

ZZCOIMP - Code number for import processing in foreign trade

ZZSEGAL - Exclusion/Inclusion indicator for declara. to authorities

3. SRM System - You need to create an append structure in structure BBPS\_BAPIEIPO for the required import/export fields (ZZSEGAL & ZZCOIMP) of SEGAL & COIMP respectively.
4. SRM System - You need to create an implementation for the BADI BBP\_ECS\_PO\_OUT\_BADI and map it to the standard structure fields above.

Sample Codes:

```
DATA: ls_item          TYPE LINE OF bbp_pdt_po_item_d,
      ls_expimpitem TYPE LINE OF bbpt_badi_po_item_expimp_1.
```

*\* for import/export ITEM (EIPO)*

```
LOOP AT it_item INTO ls_item.
```

```
    CLEAR ls_expimpitem.
```

```
    ls_expimpitem-po_item = ls_item-number_int.
```

```
    ls_expimpitem-business_transaction_type = ls_item-zzexart.
```

```
    ls_expimpitem-comm_code = ls_item-zzstawn.
```

```
    ls_poexpimpitem-zzsegal = ls_item-zzsegal.
```

```
    ls_poexpimpitem-zzcoimp = ls_item-zzcoimp.
```

```
    APPEND ls_expimpitem TO ct_bapi_poexpimpitem.
```

```
ENDLOOP.
```

5. ERP System - You need to modify the structure BBPS\_IF\_BAPIEIPO to include the required import/export fields (ZZSEGAL & ZZCOIMP) of SEGAL & COIMP respectively.

6. ERP System - You need to modify the structure BAPIEIPO to include the import/export fields (ZZSEGAL & ZZCOIMP) of SEGAL & COIMP respectively.
7. ERP System - You need to create an append structure in structure MEPO\_EIPO\_DATA for the required import/export fields (ZZSEGAL & ZZCOIMP) of SEGAL & COIMP respectively.
8. ERP System - You need to create an append structure in structure MEPO\_EIPOX\_DATA for the required import/export fields (ZZSEGAL & ZZCOIMP) of SEGAL & COIMP respectively.
9. ERP System – Using the explicit enhancement method, you have to enhance the FM function module MAP2I\_BAPIEIPO\_TO\_MEPO\_EIPO appending the following ABAP codes:

Sample Codes:

```
MOVE BAPIEIPO-ZZSEGAL  
      TO MEPO_EIPO-ZZSEGAL.
```

```
MOVE BAPIEIPO-ZZCOIMP  
      TO MEPO_EIPO-ZZCOIMP.
```

10. ERP System – Using the explicit enhancement method, you have to enhance the FM function module MAP2I\_BAPIEIPOX\_TO\_MEPO\_EIPOX appending the following ABAP codes:

Sample Codes:

```
MOVE BAPIEIPOX-ZZSEGAL  
      TO MEPO_EIPOX-ZZSEGAL.
```

```
MOVE BAPIEIPOX-ZZCOIMP  
      TO MEPO_EIPOX-ZZCOIMP.
```