

```

*&-----*
*& Report ZST7_TABLE_DOWNLOAD_TOEXCEL
*&-----*
*&
*&-----*
REPORT ZST7_TABLE_DOWNLOAD_TOEXCEL.

```

```

INCLUDE ZST7_TABLE_DOWN_TOEXCEL_SEL.
INCLUDE ZST7_TABLE_DOWN_TOEXCEL_FRM.

```

```

AT SELECTION-SCREEN ON VALUE-REQUEST FOR P_FILE.
  PERFORM GET_FILENAME.

```

```

START-OF-SELECTION.

```

```

  PERFORM CREATE_EXPORT_DATA.

```

```

*&-----*
*& Include      ZST7_TABLE_DOWN_TOEXCEL_SEL
*&-----*

```

```

parameters: p_file type string .

```

```

*&-----*
*& Include      ZST7_TABLE_DOWN_TOEXCEL_FRM
*&-----*
*&-----*
*& Form CREATE_EXPORT_DATA
*&-----*
*& text
*&-----*
*& --> p1      text
*& <-- p2      text
*&-----*

```

```

FORM CREATE_EXPORT_DATA .
  TYPES: BEGIN OF LTP_LINE_BIN,

```

```

    DATA(1024) TYPE X,

```

```

  END OF LTP_LINE_BIN.

```

```

DATA: LT_DATA_TAB_BIN TYPE STANDARD TABLE OF LTP_LINE_BIN,
      LT_BIN           TYPE STANDARD TABLE OF SOLIX.

```

```

TYPES: BEGIN OF LTP_FIELDNAME,
        FIELDNAMES TYPE FIELDNAME,
        END OF LTP_FIELDNAME.
DATA :LV_FIELDNAME TYPE FIELDNAME,
      LT_FIELDNAMES TYPE STANDARD TABLE OF LTP_FIELDNAME.
SELECT *
FROM ZST9_PURORDERDET
UP TO 2000 ROWS
INTO TABLE @DATA(LT_SRCTAB).

```

```

TRY.
  CL_SALV_TABLE=>FACTORY(
    IMPORTING
      R_SALV_TABLE = DATA(LO_TABLE)
    CHANGING
      T_TABLE      = LT_SRCTAB
  ).
  CATCH CX_SALV_MSG.
ENDTRY.

```

```

DATA(LV_XML) = LO_TABLE->TO_XML( XML_TYPE = IF_SALV_BS_XML=>C_TYPE_XLSX ).
DATA LV_SIZE TYPE I.

```

```

"To convert XSTRING to Binary
CALL FUNCTION 'SCMS_XSTRING_TO_BINARY'
  EXPORTING
    BUFFER      = LV_XML
  IMPORTING
    OUTPUT_LENGTH = LV_SIZE
  TABLES
    BINARY_TAB   = LT_BIN.

```

```

data(LV_FULLPATH) = P_FILE.

```

```

CALL FUNCTION 'GUI_DOWNLOAD'
  EXPORTING
    BIN_FILESIZE      = LV_SIZE
    FILENAME           = LV_FULLPATH
    FILETYPE           = 'BIN'
  " write_field_separator = 'X'
  TABLES
    DATA_TAB         = LT_BIN
  EXCEPTIONS
    FILE_WRITE_ERROR   = 1
    NO_BATCH            = 2
    GUI_REFUSE_FILETRANSFER = 3
    INVALID_TYPE       = 4
    NO_AUTHORITY        = 5
    UNKNOWN_ERROR       = 6

```

```

HEADER_NOT_ALLOWED    = 7
SEPARATOR_NOT_ALLOWED = 8
FILESIZE_NOT_ALLOWED  = 9
HEADER_TOO_LONG       = 10
DP_ERROR_CREATE        = 11
DP_ERROR_SEND          = 12
DP_ERROR_WRITE         = 13
UNKNOWN_DP_ERROR       = 14
ACCESS_DENIED          = 15
DP_OUT_OF_MEMORY       = 16
DISK_FULL              = 17
DP_TIMEOUT             = 18
FILE_NOT_FOUND         = 19
DATAPROVIDER_EXCEPTION = 20
CONTROL_FLUSH_ERROR    = 21
OTHERS                 = 22.

```

ENDFORM.

```

*&-----*
*& Form get_filename
*&-----*
*& text
*&-----*
*& --> p1    text
*& <-- p2    text
*&-----*

```

FORM GET_FILENAME .

```

DATA : LV_FILENAME TYPE STRING,
       LV_PATH      TYPE STRING.

```

CALL METHOD CL_GUI_FRONTEND_SERVICES=>FILE_SAVE_DIALOG

EXPORTING

```

WINDOW_TITLE    = 'choose file'
WITH_ENCODING    = 'X'
INITIAL_DIRECTORY = 'C:\Users\Owner\Documents'
DEFAULT_EXTENSION = 'xlsx'
FILE_FILTER      = 'xlsx'

```

CHANGING

```

FILENAME    = LV_FILENAME
PATH        = LV_PATH
FULLPATH    = P_FILE

```

" USER_ACTION = user_action

" FILE_ENCODING = encoding

EXCEPTIONS

```

CNTL_ERROR = 1

```

ERROR_NO_GUI = 2
NOT_SUPPORTED_BY_GUI = 3
OTHERS = 4.

IF SY-SUBRC <> 0.

EXIT.

ENDIF.

ENDFORM.

OUTPUT FILE(XLSX FORMAT):

	A	B	C	D	E	F	G	H	
	Purchasing Document	Item	Material	Supplier	Short Text	Material Group	Plant	Storage location	
1									
2	4500000000	10	R-311	17300001	RAW311,PD	L002	1710	171C	1710 17
3	4500000907	10	RM15	EWM17-SU01	TEST	L002	SP01	SP01	SP01 S
4	4500001420	10	000000000000002950	8000000	Stylos Master	999999	8801		8801
5	4500001421	10	000000000000002950	8000000	Stylos Master	999999	8801		8801
6	4500000898	10		8000000047	SERVICE VTEST	01	4910		4910
7	4500000898	20		8000000047	SERVICE VTEST	01	4910		4910
8	4500001488	10	T-VALVE	11	Transmission - Valve Body	01	DE00		DE00
9	4500000003	10	X5	17300051	TRADING GOODS X5	P000	ZDIB		ZDIB
10	4500000004	10	X5	17300051	TRADING GOODS X5	P000	ZDIB		ZDIB
11	4500000006	10	X3	17300051	raw material x1	P000	ZDIB		ZDIB
12	4500000006	20	X4	17300051	raw material x1	P000	ZDIB		ZDIB
13	4500000005	10	X1	17300051	raw material x1	P000	ZDIB		ZDIB
14	4500000005	20	X2	17300051	raw material x2	P000	ZDIB		ZDIB
15	4500000007	10	KAN3	17300051	RAW MATERIAL KAN3	P000	1710	171E	1710 17
16	4500000008	10	KANBAN3	17300051	RAW MATERIAL KAN3	P000	ZDIB	KANB	ZDIB K/
17	4500000009	10	KANBAN3	17300051	RAW MATERIAL KAN3	P000	ZDIB	KANB	ZDIB K/
18	4500000010	10	KANBAN3	17300051	RAW MATERIAL KAN3	P000	ZDIB	KANB	ZDIB K/
19	4500000011	10	KB3	17300051	RAW MATERIAL KAN3	P000	ZDIB	KANN	ZDIB K/
20	4500000012	10	X5	17300051	TRADING GOODS X5	P000	ZDIB		ZDIB
21	4500000013	10	X5	17300051	TRADING GOODS X5	P000	ZDIB		ZDIB
22	4500000014	10	X4	17300051	raw material x1	P000	ZDIB		ZDIB
23	4500000014	20	X4	17300051	raw material x1	P000	ZDIB		ZDIB
24	4500000014	30	X4	17300051	raw material x1	P000	ZDIB		ZDIB
25	4500000015	10	X3	17300051	raw material x1	P000	ZDIB		ZDIB
26	4500000016	10	X3	17300051	raw material x1	P000	ZDIB		ZDIB
27	4500000017	10	X3	17300051	raw material x1	P000	ZDIB		ZDIB
28	4500000018	10	MEDICINE1	17300051	MEDICINE1	P002	ZDIB		ZDIB
29	4500001422	10	001000000000070009	60192	Rainbow Side cabinet Black	Z001	7701	0001	7701 00
30	4500001422	20	001000000000070011	60192	Rainbow Side cabinet Blue	Z001	7701	0001	7701 00
31	4500000019	10		17258002	External Service	YBPM02	1710		1710
32	4500000000	20	RAWFM1	17300001	RM Omega 3	P000	1710		1710
33	4500000000	30	RAWFM1	17300001	RM Omega 3	P000	1710		1710
34	4500000000	40	RAWFM1	17300001	RM Omega 3	P000	1710		1710
35	4500000000	50	RAWFM1	17300001	RM Omega 3	P000	1710		1710