MIRO采购发票校验后可以通过MR8M对其进行冲销，使用到BAPI：

BAPI\_INCOMINGINVOICE\_CANCEL

（注：为何会模拟实现TCODE-MR8M，因为如果用户需要对MR8M界面实现增强功能，比如冲销发票前必须做供应商XXXX的校验，标准TCODE实现是非常困难，并且标准TCODE是通用程序，万一不小心破坏了标准功能呢，所以新建一个程序Dialog实现，即可以不影响标准程序，也可以额外独立TCODE权限控制）

下截图通过Dialog模拟实现，直接参考源码也可以同样实现：

|  |
| --- |
| 实现效果：ZMR8M |
|  |
| C:\Users\joseph.l\AppData\Local\temp\SE80-Screens-0100 Layout.png |
| \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \*& Report ZRPMR8M  \*& 描述:通过BAPI冲销INV单,控制被标记BLOCK的INV不允许被冲销  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \*& 创建人:  \*& 创建时间:  \*& 目的：用于会计使用日常冲销INV单据 ZMR8M  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  "程序名称 Check INV Block Type Not Allowed Reversal  REPORT ZRPMR8M.  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \*TABLES :声明报表中使用到的数据表  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  TABLES BSEG.  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \*DATA:定義報表中用到的變量及內表  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  DATA: INV\_DOC\_NO LIKE BAPI\_INCINV\_FLD-INV\_DOC\_NO,  FISC\_YEAR LIKE BAPI\_INCINV\_FLD-FISC\_YEAR,  REASON\_REV LIKE BAPI\_INCINV\_FLD-REASON\_REV,  PSTNG\_DATE LIKE BAPI\_INCINV\_FLD-PSTNG\_DATE.  DATA: IT\_BSEG LIKE BSEG OCCURS 0 WITH HEADER LINE.  DATA: IT\_RETURN LIKE BAPIRET2 OCCURS 0 WITH HEADER LINE.  DATA: P\_BUZEI LIKE BSEG-BUZEI. "行项目  DATA: G\_MESSAGE TYPE STRING. "消息返回  "自定义的辅助字段。  DATA:G\_STGRD LIKE UF05A-STGRD, "拒绝原因  G\_BUDAT LIKE SY-DATUM, "日期  ZINVNUMBER LIKE BSEG-BELNR, "凭证编号  ZYEAR LIKE BSEG-GJAHR. "年度  "调用BAPI字段  DATA: YDRSEG TYPE MMCR\_DRSEG OCCURS 1 WITH HEADER LINE.  DATA:AKT\_TYP LIKE T169-TRTYP,  OK\_CODE TYPE C,  I\_OK\_CODE LIKE SY-UCOMM,  RBKPV TYPE MRM\_RBKPV,  RBKPVT TYPE MRM\_RBKPVT.  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \*AT SELECTION-SCREEN:在选择屏幕上执行的代码  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  AT SELECTION-SCREEN.  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  "START-OF-SELECTION:程序运行所处理的代码  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  START-OF-SELECTION.  CALL FUNCTION 'ZRFSY002'  EXPORTING  I\_UNAME = SY-UNAME  I\_TCODE = SY-TCODE  I\_PRONM = SY-REPID.  PERFORM CALL\_SCREEN\_0100. "调用屏幕  FORM CALL\_SCREEN\_0100.  "调用屏幕  CALL SCREEN 0100 .  ENDFORM.  \*&---------------------------------------------------------------------\*  \*& Module STATUS\_0100 OUTPUT  \*&---------------------------------------------------------------------\*  \* text  \*----------------------------------------------------------------------\*  MODULE STATUS\_0100 OUTPUT.  SET PF-STATUS 'STATUS\_0100'.  SET TITLEBAR 'TITLE'.  ENDMODULE.  \*&---------------------------------------------------------------------\*  \*& Module USER\_COMMAND\_0100 INPUT  \*&---------------------------------------------------------------------\*  \* text  \*----------------------------------------------------------------------\*  MODULE USER\_COMMAND\_0100 INPUT.  CASE SY-UCOMM.  WHEN 'BACK'. "后退  LEAVE PROGRAM.  WHEN 'EXIT'. "退出  LEAVE PROGRAM.  WHEN 'CANCEL'. "取消  LEAVE PROGRAM.  WHEN OTHERS.  ENDCASE.  I\_OK\_CODE = SY-UCOMM.  CLEAR SY-UCOMM.  ENDMODULE.  \*&---------------------------------------------------------------------\*  \*& Module CHECK\_DATA\_PROCESSING INPUT  \*&---------------------------------------------------------------------\*  \* text  \*----------------------------------------------------------------------\*  MODULE CHECK\_DATA\_PROCESSING INPUT.  CASE I\_OK\_CODE.  WHEN 'DISP'. "显示INV  PERFORM FRM\_GET\_DATA\_MIR4.  WHEN 'INV'. "显示凭证  PERFORM FRM\_GET\_DATA\_FB03.  WHEN OTHERS.  PERFORM CHECK\_DATA\_PROCESSING.  ENDCASE.  ENDMODULE.  \*&---------------------------------------------------------------------\*  \*& Module POSTING\_DATA\_PROCESSING INPUT  \*&---------------------------------------------------------------------\*  \* text  \*----------------------------------------------------------------------\*  MODULE POSTING\_DATA\_PROCESSING INPUT.  CASE I\_OK\_CODE.  WHEN 'SAVE' .  PERFORM POSTING\_DATA\_PROCESSING.  WHEN OTHERS.  ENDCASE.  ENDMODULE.  \*&---------------------------------------------------------------------\*  \*& Form POSTING\_DATA\_PROCESSING  \*&---------------------------------------------------------------------\*  \* text  \*----------------------------------------------------------------------\*  \* --> p1 text  \* <-- p2 text  \*----------------------------------------------------------------------\*  FORM POSTING\_DATA\_PROCESSING .  "检查数据，整理数据  CLEAR G\_MESSAGE.  IF ZINVNUMBER IS NOT INITIAL.  INV\_DOC\_NO = ZINVNUMBER.  ELSE.  G\_MESSAGE = 'Document NO. Is Initial！'.  ENDIF.  IF ZYEAR IS NOT INITIAL.  FISC\_YEAR = ZYEAR.  ELSE.  G\_MESSAGE = 'Document Year Is Initial！'.  ENDIF.  IF G\_STGRD IS NOT INITIAL.  REASON\_REV = G\_STGRD.  ELSE.  G\_MESSAGE = 'Reversal Reason Is Initial！'.  ENDIF.  IF G\_MESSAGE IS INITIAL.  CLEAR:IT\_RETURN[],IT\_RETURN.  CALL FUNCTION 'BAPI\_INCOMINGINVOICE\_CANCEL'  EXPORTING  INVOICEDOCNUMBER = INV\_DOC\_NO  FISCALYEAR = FISC\_YEAR  REASONREVERSAL = REASON\_REV  TABLES  RETURN = IT\_RETURN.  READ TABLE IT\_RETURN WITH KEY TYPE = 'E'.  IF SY-SUBRC = 0.  MESSAGE ID IT\_RETURN-ID TYPE IT\_RETURN-TYPE NUMBER IT\_RETURN-NUMBER  WITH IT\_RETURN-MESSAGE.  ELSE.  CALL FUNCTION 'BAPI\_TRANSACTION\_COMMIT'  EXPORTING  WAIT = 'X'.  CONCATENATE INV\_DOC\_NO '已创建反向凭证,处理成功！' INTO G\_MESSAGE.  MESSAGE G\_MESSAGE TYPE 'S' DISPLAY LIKE 'S'.  ENDIF.  ELSE.  MESSAGE G\_MESSAGE TYPE 'E' DISPLAY LIKE 'E'.  ENDIF.  ENDFORM.  \*&---------------------------------------------------------------------\*  \*& Form FRM\_GET\_DATA\_MIR4  \*&---------------------------------------------------------------------\*  \* text  \*----------------------------------------------------------------------\*  \* --> p1 text  \* <-- p2 text  \*----------------------------------------------------------------------\*  FORM FRM\_GET\_DATA\_MIR4 .  IF ZINVNUMBER IS NOT INITIAL AND ZYEAR IS NOT INITIAL.  SET PARAMETER ID 'RBN' FIELD ZINVNUMBER.  SET PARAMETER ID 'GJR' FIELD ZYEAR.  CALL TRANSACTION 'MIR4' AND SKIP FIRST SCREEN.  ENDIF.  ENDFORM.  \*&---------------------------------------------------------------------\*  \*& Form FRM\_GET\_DATA\_FB03  \*&---------------------------------------------------------------------\*  \* text  \*----------------------------------------------------------------------\*  \* --> p1 text  \* <-- p2 text  \*----------------------------------------------------------------------\*  FORM FRM\_GET\_DATA\_FB03 .  IF ZINVNUMBER IS NOT INITIAL AND ZYEAR IS NOT INITIAL.  SET PARAMETER ID 'BLN' FIELD ZINVNUMBER.  SET PARAMETER ID 'BUK' FIELD '1000'.  SET PARAMETER ID 'GJR' FIELD ZYEAR.  CALL TRANSACTION 'FB03' AND SKIP FIRST SCREEN.  ENDIF.  ENDFORM.  \*&---------------------------------------------------------------------\*  \*& Form CHECK\_DATA\_PROCESSING  \*&---------------------------------------------------------------------\*  \* text  \*----------------------------------------------------------------------\*  \* --> p1 text  \* <-- p2 text  \*----------------------------------------------------------------------\*  FORM CHECK\_DATA\_PROCESSING .  "前置0  CALL FUNCTION 'CONVERSION\_EXIT\_ALPHA\_INPUT'  EXPORTING  INPUT = ZINVNUMBER  IMPORTING  OUTPUT = ZINVNUMBER.  "Block提示  CLEAR:IT\_BSEG[],IT\_BSEG.  SELECT \* INTO CORRESPONDING FIELDS OF TABLE IT\_BSEG FROM BSEG  WHERE BUKRS = '1000'  AND BELNR = ZINVNUMBER  AND GJAHR = ZYEAR.  IF SY-SUBRC = 0.  READ TABLE IT\_BSEG WITH KEY ZLSPR = 'B'.  IF SY-SUBRC = 0.  MESSAGE 'Invoice Document Item Is Blocked, Not Allow Cancel！' TYPE 'E' DISPLAY LIKE 'E'.  ENDIF.  ENDIF.  ENDFORM. |