

Functional Design Document

【EA16\_CR\_202310\_0011】\_香港2023下半年退供商作業匯入WES

Version:

|  |  |
| --- | --- |
| Customer Name | IT |
| Document Author | *VickyLi* |
| Author’s Email / Phone | [*vickyli@eslite.com*](mailto:vickyli@eslite.com) |
| Creation Date | *2023/11/15* |
| Last Updated | *2023/11/15* |

|  |  |  |  |
| --- | --- | --- | --- |
| Document History | | | |
| Date | Version | Authors | Comments/Description of Change |
| *2023/11/15* | *1.0* | *VickyLi* | *Initial the document* |
|  |  |  |  |

**DOCUMENT CONTROL**

**UT Owners and Approvers:**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | Vicky | Developer |  |
|  | Jacky | Develop leader |  |

**SIT Owners and Approvers:**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | Raines | QC IT |  |
|  | Jacky | Develop leader |  |

**UAT Owners and Approvers:**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | 王郁華 | User |  |
|  | 郭慶莊 | User |  |
|  | Jacky | Develop leader |  |

**Golden Transaction Owners and Approvers:**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | 王郁華 | User |  |
|  | 郭慶莊 | User |  |
|  | Jacky | Develop leader |  |

**Go-Live Owners and Approvers:**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | Kevin | IT manager |  |

ECR sign off table:



**Document Version Numbering**

Document versions numbered ‘0.01, 0.02 etc’ are draft status and therefore can be changed without formal change control. Once a document has been formally approved and issued it is version numbered ‘Version 1.0’ and subsequent releases will be consecutively numbered, following formal change control. The version number appears in the footer of every page.

**Table Of Contents**

Part 1 – Purpose 4

Part 2 – Requirements 4

1.1 Request 4

1.2 Test Cases 8

1.3 Business Case 8

1.4 Boundaries and Constraints 8

Part 3 – Contacts (as appropriate) 8

# Part 1 – Purpose

海外SAP 退回平鎮物流，EXCEL的商品指定轉退供應商後，將數據及商品上 WES系統理貨。

# Part 2 – Requirements

## Request

參考「退貨理貨流程說明文件」與流程圖進行作業。

檔名: 退貨理貨 流程說明文件.docx



▪**流程圖：**

一張含有 文字, 螢幕擷取畫面, 圖表, 行 的圖片

自動產生的描述

▪**IT進行HJ退貨流程(資料流)**

一張含有 文字, 螢幕擷取畫面, 字型, 圖表 的圖片

自動產生的描述

**Step 1: 使用者提供退貨理貨明細[Excel]，將退貨理貨明細匯入。**

▪ 檔名: 2023HK下半年退貨單明細-1002.xlsx



▪ Sever :[192.168.1.33] (64 bit)

▪ Table：[test].[dbo].[TEST]

先將Excel 匯入暫存表[test].[dbo].[TEST] 進行預處理

▪可參考文件：如何將EXCEL資料匯入.docx



▪語法：

SELECT \* FROM [test].[dbo].[TEST]

drop table [test].[dbo].[TEST]

select COUNT(\*) from iexp..SPO

**Step 2: 使用者提供退貨理貨明細**

▪Sever :[192.168.1.33] (64 bit)

▪Table：[IEXP].[dbo].[SPO]

▪ [IEXP].[dbo].[SPO]為匯總報費用的資料表，表中內容為歷史資料，請先將資料備份，再進行刪除

▪語法：

SELECT \* INTO IEXP..SPO\_20231016 FROM iexp..SPO

select COUNT(\*) from iexp..SPO\_20231016

▪刪除資料

BEGIN TRAN

delete FROM SPO

ROLLBACK TRAN

▪將 [test].[dbo].[TEST]的資料進行處理，並匯入[IEXP].[dbo].[SPO]

Sever :[192.168.1.33] (64 bit)

Table：[IEXP].[dbo].[SPO]

▪語法：

begin tran

INSERT into iexp..SPO (PubNo,SD,SKU,EAN,DESCR,QTY,備

註,SONO,itemNo,STORID,STORID2,sfile)

select PubNo=店別 , SD=EAEX供應商 ,SKU=\_26 ,EAN=''

,DESCR=left(商品名稱 ,20) ,QTY=已交貨 ,[備註]=商品編號

,SONO=採購單號 ,itemNo=採購項目

,STORID='0000'+Cast(EAEX供應商 as varchar(6)), STORID2=物料群組

, sfile='HK下半年退貨單明細.xlsx'

from [test].[dbo].[TEST]

rollback tran

▪相關欄位彙整

▪語法：

begin tran

update iexp..SPO set EAN=BUSR2 from iexp.dbo.SKUD as A where STORERKEY='01DB' and '00000'+SPO.SKU=A.SKU

update iexp..SPO set SD=SHORTNAME from iexp.dbo.storerd where HOSTREFERENCE = STORID and REFERENCESTORER ='01DB'

-- 如果無EAN BarCode 需更新為26碼取代

update iexp..SPO set EAN=SKU where isnull(EAN ,'')=''

rollback tran

▪彙整資料檔案

檔名:



▪寄信提供給帳務確認數字是否正確

A white background with black text

Description automatically generated

▪帳務回信確認正確

A screenshot of a computer

Description automatically generated

**Step 3: 匯入WES**

▪Sever :[192.168.1.134]

▪Table：[ECaps].[dbo].[TX\_SOM]

▪原文件是在33.iexp去執行，但EDL\_WES連134的dblink因資安移掉，因此改在

134.ecaps去執行

▪語法

--DECLARE @NAME nvarchar(20) ='Vickyli'

----A. -- 匯入WES 作業單Host BatchNo=10001384 (進入設備作業後，才會產生BatchNo)

----語法:

--BEGIN TRAN

--insert ECaps.dbo.TX\_SOM( SONO,DOC\_TYPE,OP\_TYPE,DOCSHIP\_TYPE,TRANSTYPE,GRPID,PROVIDER,COMPANY,CMP\_NAME,SORTERBATCHNUM,PRIORITY,CLOSE\_FLAG,TODAYBATCH\_FLAG,DONE,CHECKSUM,CRETDATE,MODDATE,MODID,NOTES,WHC\_FLAG,CTQTY )

--select SONO ,DOC\_TYPE ='1' , OP\_TYPE=0 , DOCSHIP\_TYPE='ZP' , TRANSTYPE='C' , GRPID='', PROVIDER='ESL' , COMPANY=PubNo , CMP\_NAME=PubNo+'HK下半' ,SORTERBATCHNUM=NULL , PRIORITY=5, CLOSE\_FLAG='00', TODAYBATCH\_FLAG='00', DONE=0 , CHECKSUM=COUNT(\*) ,CRETDATE =GETDATE() ,MODDATE=GETDATE() ,MODID='Vickyli' ,NOTES='', WHC\_FLAG ='00' ,CTQTY=0

--from [192.168.1.33].[iexp].[dbo].SPO where not exists( select \* from ECaps.dbo.TX\_SOM as M where M.SONO=SPO.SONO)

--group by SONO , sfile ,PubNo

--ROLLBACK TRAN

--B. -- 匯入WES 作業單明細 formate

----語法:

--BEGIN TRAN

insert ECaps.dbo.TX\_SOD(SONO,DOC\_TYPE,DOCSHIP\_TYPE,SEQ,POKEY,PO\_SEQ,STOKEY,STO\_SEQ,PROVIDER,STOREID,SORTERBATCHNUM,STORENAME,CATID,CATNAME,PRIORITY,SKU,BARCODE,ISBN,DESCR,OPENQTY,ACTQTY,PRICE,DISCOUNT,EDITION,EDITION\_NAME,DEFAULT\_STORELOC,PATHID,CLOSE\_FLAG,CRETDATE,CRETID,MODDATE,MODID,NOTES,AUTHOR,STQ\_SEQ,SUSR4,SECAQTY,SORTERBATCHNUM2)

select SONO,DOC\_TYPE='1' ,DOCSHIP\_TYPE='ZP' ,SEQ=dbo.FmtNumStr( itemNo,5,0) , POKEY=SONO ,PO\_SEQ = dbo.FmtNumStr( itemNo,5,0) ,STOKEY=SONO ,STO\_SEQ = dbo.FmtNumStr( itemNo,5,0) ,PROVIDER='ESL' ,

STORID , SORTERBATCHNUM=NULL ,STORENAME= (select top 1 SHORTNAME from [192.168.1.33].[iexp].[dbo].storerd where HOSTREFERENCE = STORID and REFERENCESTORER ='01DB') , CATID='' ,CATNAME='' , PRIORITY=5, SKU, BARCODE =EAN,ISBN='' ,

DESCR ,OPENQTY=QTY,ACTQTY=0, PRICE=100 ,DISCOUNT=0 ,EDITION='',EDITION\_NAME='', DEFAULT\_STORELOC='RETURN', PATHID='0001' ,CLOSE\_FLAG='00', CRETDATE=GETDATE() ,CRETID='Vickyli',MODDATE=GETDATE(),MODID='',NOTES=[備註], AUTHOR='', STQ\_SEQ='' ,SUSR4='', SECAQTY=0,SORTERBATCHNUM2=''

from [192.168.1.33].[iexp].[dbo].SPO where not exists( select \* from ECaps.dbo.TX\_SOD as M where M.SONO=SPO.SONO)

--ROLLBACK TRAN

**Step 4:提供作業單號，並通知使用者**

▪提供作業單號

檔名: 單號數量.xlsx



A screenshot of a computer

Description automatically generated

**Step 5: 由現場提供作業批號 [10001728]，將實際資料撈出並提供給帳務**

▪由現場提供作業批號 [**10001728**]

A screenshot of a computer

Description automatically generated

* 更新Wes回傳作業批次Erp\_site 至F002 (資料表\_t\_order\_carton\_master、\_t\_order\_carton\_detail)
* 帳務自行產出作業資料與台北比對 帳務查詢報表：[HJ\_RPT\_Global\_return](http://hjdata.edl/Reports_HJWMS/report/HJ/Accounting_Report/HJ_RPT_Global_return)

## Test Cases

***1.21 UT：***

***1.22 SIT：***

A table with names on it

Description automatically generated

***1.23 UAT:***

***發生產檔問題***

A screenshot of a computer

Description automatically generated

## Business Case

*Business justification must be supplied. Example business case reasons:*

1. *Customer requirement*
2. *Legal requirement*
3. *Expected savings - cost or FTE across a period of time (usually a year)*
4. *Other*

## Boundaries and Constraints

*Any business or technical limitations to be taken into consideration. Please include all customers, Exel sites or business units that will be affected by this modification.*

# Part 3 – Contacts (as appropriate)

|  |  |  |
| --- | --- | --- |
| Role | Name | Email |
| Developer-data source | EricChien | ericchien@eslite.com |
| Site Super User | 郭慶莊 | sallykuo@eslite.com |
| Requester | 趙秀娟 | shirleychao@eslite.com |