

Concept of Systems

Version number/date

***1.0***

Customer name

*王郁華*

ECR name

**香港2023下半年退供商匯入(High Jump)**

|  |  |
| --- | --- |
| Customer Name  (if applicable) | 王郁華 |
| Project Sponsor | Kevin |
| Approval auth: | Jacky |
| Author Name & Tel. No. | Ben |
| Project ID  (if applicable) | EA16\_CR\_202310\_0011 |

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| --- | --- | --- | --- |
| Document History | | | |
| Date | Version | Authors | Comments/Description of Change |
| 2023/10/05 | 1.0 | ben | First version |
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DOCUMENT CONTROL

For Review By:

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Organisation | Project Role | Name |
| 2023/04/20 | IT & AUTO | Solution design | Ben |
| 2023/04/20 | IT & AUTO | Developer | Jacky |
| 2023/04/20 | Operation | Customer | 王郁華 |

Owners and Approvers:

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | Ben | Designer、BPO |  |
|  | Ken | Solution leader |  |
|  | 王郁華 | User |  |
|  | Jacky | Developer |  |
|  | Kevin | Develop leader |  |
|  | 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.

### *Definitions and Requirements*

Part 1 – The Business Case

1. What is the problem/opportunity we are addressing?
   1. Pursuit Summary

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。

* 1. Summary of Business Requirements
     1. 海外SAP 開401單退回平鎮物流，並轉成EXCEL給物流業務服務部 。
     2. 商品處需協助在EXCEL指定商品應該如何退TW供應商，並使用固定格式。
     3. 依據EXCEL指定供應商代號將數據轉入WES系統。若供應商數過多(>105)將產生2次作業。
  2. Objectives

EXCEL的商品指定轉退供應商使用固定OPENROWSET匯入暫存表，再暫存表將數據轉入 WES系統。

* 1. Financial Summary

N/A

1. What is the proposition/business change?
   1. Scope

Geography / Location : eslite Ping Zhen Logistics Park.

Product Users : eslite logistics High Jump User.

Organisation or Function : Warehouse personnel with WES authorization

1. 手動將EXCEL資料匯入WES的作業單號，使用401單作業 。

* Technology : MSSQL

# **In Scope**

1. 海外退供匯入WES系統Check List。

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 系統別 | 系統作業 | 確認項目 | 驗證 | 窗口 |
| 香港SAP | 香港開401退供單。及指定退供 | 商品處協助完成香港待退401單的EXCEL數據。 |  | 商品處 |
| 前置準備 |  | 物流業務服務部確認欄位是否正確。若欄位值不正確，將退回整理。  例如:  1. 欄位名任意更改。  2. SKU、EAEX供應商未轉字串。  3. 缺少必要欄位。  EXCEL檔案範例(1) |  | 郁華 |
|  | 驗證必要欄位 | 1. 第1頁簽更名為HK。  2. 開檔案檢查欄位: 店別 ,採購單號 , 採購項目,商品編號 ,SKU ,已交貨 ,EAEX供應商 ,商品名稱。  檔案放置:  [\\192.168.1.33\sjob\imp\EXCEL\](file:///\\192.168.1.33\sjob\imp\EXCEL\)  3.使用SSMS OPENROWSET開 EXCEL檔驗證檔案。參考範例(2) |  | IT |
| 中間庫 | 匯入 iexp..SPO | 匯入 [192.168.1.xx].iexp..SPO  更新 EAN BarCode 、供應商短名  參考範例(3) |  | IT |
| WES | 匯入WES作業單 | 匯入EDL\_WES.ECaps.dbo.TX\_SOM  TX\_SOD。參考範例(4) |  | IT |
| HJ測試 | HJ 測試 | 請eSorter 作業完成後通知IT，監控確認HJ 中間結案:  1. 可完成4026建單: 預計55單4026退貨單。  2. 4026回檔EX05到SAP。但HK 401單不能結回TW SAP。 |  | IT |
|  | 401作業數量報表 | 提供批次及401單作業數量。  參考範例(5) |  | 小莊  郁華 |

1. 範例說明:

* EXCEL檔範例範例(1)

|  |  |
| --- | --- |
|  | 香港401退供單EXCEL檔範例(1) |
|  | 綠字欄位為必要欄位。  店別 ,採購單號 , 採購項目,商品編號 ,SKU ,已交貨 ,EAEX供應商 ,商品名稱。 |
| 範例(2) 驗證必要欄位 | |
|  | 在SSMS使用 OPENROWSET  OPENROWSET('Microsoft.ACE.OLEDB.12.0','Excel 12.0; Database=D:\sjob\imp\EXCEL\ 2023HK下半年退貨單明細-1002(給物流).xlsx.xlsx', [HK$]) as A |
| 範例(3) iexp..SPO暫存處理表規格及數據修正 | |
|  | 暫存表需求   |  |  |  |  | | --- | --- | --- | --- | | 順序 | 欄位 | datatype | 欄位說明 | | 1 | PubNo | text | 來源(供應商/退貨店舖) | | 2 | STORID | text | 分撥(門市/供應商代號) | | 3 | STORID02 | text | 門市或供應商代號  EXCEL未提供可由主檔取得 | | 4 | SD | text | 報廢分類用 | | 5 | SONO | text | 上設備作業單號 | | 6 | itemNo | text | 單號Item | | 7 | SKU | text | 商品26碼 | | 8 | EAN | text | 商品EAN碼，從中間庫SKU表的誠品26碼取得EAN | | 9 | DESCR | text | 商品名稱 | | 10 | QTY | int | 數量 | | 11 | 來源 | text | 備註 | | 12 | 備註 | text | 備註 | | 13 | sfile | text | 上傳EXCEL檔名 | | 14 | etyps | int | 確認狀態 | |
|  | EXCEL 匯入暫存表 :   |  | | --- | | 對應暫存表如下  PubNo=店別 , SD=EAEX供應商  ,SKU=sku ,EAN='' ,DESCR=left(商品名稱 ,20)  ,QTY=已交貨 ,[備註]=商品編號  ,SONO=採購單號 ,itemNo=採購項目  ,STORID='0000'+Cast(EAEX供應商 as varchar(6))  ,STORID2=物料群組 , sfile='HK2023退貨單明細.xlsx'  OPENROWSET('Microsoft.ACE.OLEDB.12.0','Excel 12.0;  Database=D:\sjob\imp\EXCEL\HK2023退貨單明細.xlsx', [HK$]) | |
|  | SPO暫存表的EAN補充更新:  需從中間庫SKU表的誠品26碼取得EAN。  修正供應商短名:  需從中間庫供應商表 碼取得短名。 |

|  |  |
| --- | --- |
| SPO暫存表轉 TX\_SOM、TX\_SOD | |
| 4 | 匯入WES系統作業單TX\_SOM 如下。表(4)   |  |  |  | | --- | --- | --- | | TX\_SOM欄位 | iexp..SPO欄位 | 預設值 | | SONO | SONO |  | | DOC\_TYPE |  | '1' | | OP\_TYPE |  | 0 | | DOCSHIP\_TYPE |  | 'ZP' | | TRANSTYPE |  | 'C' | | GRPID |  | '' | | PROVIDER |  | '01DBSDB99' | | COMPANY | PubNo |  | | CMP\_NAME | PubNo |  | | SORTERBATCHNUM |  | NULL | | PRIORITY |  | 5 | | CLOSE\_FLAG |  | '00' | | TODAYBATCH\_FLAG |  | '00' | | DONE |  | 0 | | CHECKSUM | COUNT(\*) |  | | CRETDATE |  | GETDATE() | | MODDATE |  | GETDATE() | | MODID |  | sys' | | NOTES |  |  | | WHC\_FLAG |  | '00' | | CTQTY |  | 0 |   TX\_SOD MAPPING如下。   |  |  |  | | --- | --- | --- | | TX\_SOD 欄位 | iexp..SPO欄位 | 預設值 | | SONO | SONO |  | | DOC\_TYPE |  | '1' | | DOCSHIP\_TYPE |  | 'ZP' | | SEQ |  | 5碼流水號 | | POKEY | SONO |  | | PO\_SEQ |  | 5碼流水號 | | STOKEY | SONO |  | | STO\_SEQ |  | 5碼流水號 | | PROVIDER |  | '01DBSDB99' | | STORID | STORID |  | | SORTERBATCHNUM |  | NULL | | STORENAME | STORID2 |  | | CATID |  | '' | | CATNAME |  | '' | | PRIORITY |  | 5 | | SKU | SKU |  | | BARCODE | EAN |  | | ISBN |  | '' | | DESCR | DESCR |  | | OPENQTY | QTY |  | | ACTQTY |  | 0 | | PRICE |  | 100 | | DISCOUNT |  | 0 | | EDITION |  | ' | | EDITION\_NAME |  | '' | | DEFAULT\_STORELOC |  | 'RETURN' | | PATHID |  | '0001' | | CLOSE\_FLAG |  | '00' | | CRETDATE |  | GETDATE() | | CRETID |  | 'ben' | | MODDATE |  | GETDATE() | | MODID |  | '' | | NOTES | NOTES+sfile |  | | AUTHOR |  | '' | | STQ\_SEQ |  | '' | | SUSR4 |  | '' | | SECAQTY |  | 0 | | SORTERBATCHNUM2 |  | NULL | |

# **Out of Scope**

海外退供應商若商品缺EAN碼，因無條碼無法上設備作業不在範圍。現場需需另貼26碼。

不在上述系統，不在此設定及驗證範圍。

* 1. Recommended Solution Design

1. Infrastructure
2. Peripherals (printers, PCs, RF unit s etc.)

N/A

1. Network (routers, cabling RF access points, LAN and WAN solution)

Existing network and Wi-Fi

1. Hosts (Servers for application)

WES

1. Software (for PCs and Host, included Operating Systems, Databases, and other software needs).

SQL Server & WES

1. Development Environment

SQL SSMS

1. Other Hardware

N/A

1. Integration
2. Specific transactions and type (e.g. EDI940, EDIFACT DESADV):

N/A

1. Transport mechanism (e.g., VAN, MQ Series):

|  |  |  |
| --- | --- | --- |
| **Data Interface Message Detail\*** | |  |
| 1 | No of EDI messages | N/A |
| 2 | Message Type\* | N/A |
| 3 | Connectivity Protocol\* | N/A |

1. Application

WES

1. Reporting

T\_SQL

1. Security And Data Sensitivity

N/A

1. IT Resilience
2. Any unique requirement to fulfil RTO (Recovery Time Objective) and RPO (Recovery Point Objective) requirements resulting from the Business Impact Analysis (BIA) and Risk Analysis (RA) (e.g. off-site storage, alternative locations)

To follow existing eslite backup policy. All usage records will be classified in the enterprise cloud, and data analysis can be carried out in accordance with regulations.

1. Any requirement regarding level of redundant network connections

To follow existing eslite Logistics network redundant structure.

1. Any unique requirement regarding Availability, Data Backup, Archiving / History Requirements

To follow existing eslite Logistics Interfaces

1. Interfaces
2. Internal applications

SQL Server

1. Client applications

Windows 10、11

1. Third Party applications

N/A

1. Client Systems

Windows 10 PC: eCaps

1. External Organisations/Third Party Interfaces

N/A

1. Planning Assumptions

N/A

**

|  |  |  |
| --- | --- | --- |
|  | Planning Assumptions | Owner |
| 1 | eslite will run the WH for direct shipment to dealers or hospitals. In eslite WH, using WMS WMi to manage inventory level. |  |
| 2 | eslite will takeover shipment transportation and provide shipment track & trace |  |
| 3 | No EDI integration between eslite system and customer‘s ERP. |  |
| 4 | The quotation is based on current IT resource availability. The timeline or cost may be adjusted if local resource cannot support. |  |

1. Planning Constraints

No major constraints.

|  |  |  |
| --- | --- | --- |
|  | Planning Constraints | Owner |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

Document the boundaries that are imposed on the project. Constraint Owner must be a person, not a job title.

1. Key Deliverables and Milestones
   1. Deliverable Schedule

Specify the key project deliverables for each phase of the project with a name and brief description. Please provide any key project delivery events within any of the above project stages.

(Information comes from IT slide)

|  |  |  |
| --- | --- | --- |
| NO | Key Milestone | Due date |
| 1 | Cos Determination | 2023/10/06 |
| 2 | SIT/FDD signed off | TBD |
| 4 | UAT signed off | TBD |
| 5 | WES go-live | TBD |
| 6 | Hyper Care | TBD |

1. Main Project Risks
   1. Enter both “indirect” risks e.g. “knock-on” impacts to the rest of the business and on outsourcers/3rd parties, and “Direct” risks, e.g. that requires system downtime, cannibalises existing products, draws scarce resources from BAU etc. Consider the level of risk in terms of the following questions:

* Is the Pursuit a new client or industry?
* Is this the first IT use of the Solution Set?
* Is there a lack of Executive Sponsorship?
* Do first year support costs exceed 40% or Project Cost?
* Has adequate Pursuit information been supplied?

|  |  |  |  |
| --- | --- | --- | --- |
| Risk Description | Probability  High/Medium/ Low | Impact  High/Medium/ Low | Management Action |
| User test | Low | Low | Test issue |
|  |  |  |  |
|  |  |  |  |

1. Service Level Agreements

Please document the key SLA’s as per the enclosed document.



1. Approach

Project Management is a key strategic enabler for the Logistics group that supports the effective delivery of customer solutions. The capability to successfully lead, manage and deliver projects, or new customer solutions, on time, on budget, and to required specifications is core to our business approach. The global project management process is employed by our skilled and experienced project management professionals to ensure the effective leadership and management of change.

eslite project management is a 5-phased project management methodology designed to meet the needs of all project management stakeholders regardless of project size or complexity. Aligned with the principles of the Project Management Institute (PMI), eslite project management provides a standard of project management methodology for eslite while ensuring adaptability to meet cultural needs.

The acronym, eslite project management ®, signifies the 5 phases of a eslite project: Define Plan, Implement, Control and Transition. As a project progresses through these five phases, governance is in place to ensure a continual quality, time and budget check.

1. Pursuit Controls
   1. Approvals Process

Summarise the internal approval process to which this Pursuit will be subjected.

* 1. Tolerances and Exception Procedure

What tolerances are permissible above and below the estimated time and cost without escalating the deviation to the next level of management for approval?

* 1. Change Management Procedures

What process will be followed, and what documentation will be used to manage any changes outside of the above tolerances?

* 1. Sign-Off Procedures

Detail below what documents will need to be signed off during this Pursuit, and the individuals who will be signing them off.

* 1. Document Repository

Where will the documents from this Pursuit be located? In most cases this should be Project folders. How will draft and signed-off documents be identified? What file structure will be used? Who will have access to this repository?

1. Items Not Included

N/A

Part 2 – Financial Case

1. IT Benefits

N/A

1. IT Cost Summar
   1. IT Cost Overview

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NO | Item | Unit cost | Qty | Total |
| **Manpower** | | | | |
| 1 | Concept Of System | NTD15,000 | 3 | 45,000 |
| 1 | Developer | NTD15,000 | 3 | 45,000 |
| Sub total | | | | **NTD90,000** |
| **Purchase** | | | | |
|  |  | NTD0.0 | 0 | 0 |
| Sub total | | | | **NTD0** |
| Grand total | | | | **NTD90,000** |