

Concept of Systems

Version number/date

***1.0***

Customer name

*趙秀娟*

Project name

**調撥單EX07過帳類型\_修改(High Jump)**

|  |  |
| --- | --- |
| Customer Name  (if applicable) | 趙秀娟 |
| Project Sponsor | Kevin |
| Approval auth: | Jacky |
| Author Name & Tel. No. | Ben |
| Project ID  (if applicable) |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Document History | | | |
| Date | Version | Authors | Comments/Description of Change |
| 2023/09/06 | 1.0 | ben | First version |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

DOCUMENT CONTROL

For Review By:

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Organisation | Project Role | Name |
|  | IT & AUTO | Solution design | Ben |
|  | IT & AUTO | Developer | Jacky |
|  | Operation | Customer | 趙秀娟 |

Owners and Approvers:

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | Ben | BPO |  |
|  | Ken | Solution leader |  |
|  | 趙秀娟 | 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

重新檢視及調整High Jump在庫出貨單即ERP 系統504調撥單的過帳類型為351。

* 1. Summary of Business Requirements

ERP 系統504調撥單過帳異動類型調整。

* + 1. 504調撥過帳失敗案例 :

**1110** (禮品採購組)發貨給**F001(**誠品物流中心)；原EX07移動類型為951過帳失敗。

調整出貨單(504調整單)若發貨給**F001** 移動類型調整為351。

專用名詞 :

|  |  |
| --- | --- |
| 代碼/編號/簡稱 | 說明 |
| 調撥單/ STO單 | ERP系統在同組織下，門市與門市的庫存轉調單據稱**STO/調撥單**。  ERP 2段帳 GI/GR 說明:  由**發貨端門市**開立STO單並發貨至在途庫存此為**發貨端GI過帳**，移動類型=951/351。  **收貨端門市**到貨: 依此STO實體從在途庫存轉入庫存此為**收貨端GR過帳**，移動類型=101。  調撥單若有差異/損壞即留於在途庫存，等待回轉或認賠。 |
| 504調撥單 | ERP中定義ZS04單據類型為門市間的庫存互相轉調單據類型。  若**發貨點**在物流中心即為出貨單轉入WMS系統。  若**收貨點**在物流中心即為收貨單轉入WMS系統。 |
| 在庫型 | WMS系統一般收貨單、出貨單作業分別方式。收貨單與出貨無直接關聯，出貨單需要先有庫存量。 |
| EX07 | ERP系統的調整單過帳標準文件(接口)。 |

* 1. Objectives

重新檢視及調整High Jump系統的在庫型出貨單(調撥單) ，在出貨單結案回傳ERP過帳接口使用EX07\_SO 並依到貨點判斷，若到貨點為F001(誠品物流中心) 移動類型=351，若一般門市(含F002、F003、G倉)移動類型=951。

* 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 User.

Organisation or Function : Warehouse personnel with High Jump authorization

1. 測試High Jump系統 1110(禮品採購組)的出貨單(504 調撥單)且發貨給F001 。出貨單Closed 後驗證ERP是否過帳 。

Technology : MSSQL 、High Jump

# **In Scope**

1. High Jump出貨單結案與 Gateway OutBound確認 :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 系統別 | 系統作業 | 確認設定 | 調整需求 | 窗口 |
| 中間庫 | 業務類型 | 於訂單業務表 \_ErpImpLogic 查出ZS04 調撥單來源並為WMS 出貨單。 | (表1)  N/A | IT |
| High Jump | 出貨單Closed | 處理結案的程序名稱:  Iexp..WMS\_Outbound\_Return\_Fun  ''So' , '' ,'Sa' , '' , ''   * 程序指定要單號過帳 (So) 。 * 若High Jump訂單已回傳h\_so\_out 暫存表 且未結案(ctyps<=91) 即可回傳，更新作業數量、狀態。 * 依據 單據類型產生SJOB OutBound 排程任務 ；完成EX07\_SO的文字檔匯出。 | N/A | IT |
| Edl\_Gateway | 匯出接口  OutBound  Formate | 接口檔案EX07。  程序名稱:  \_Edi\_OutPut\_Fmt 'EX07\_SO','ESL,5040001596','EDI','' | 調整 | IT |

1. ERP 業務類型表所有的ZS04調撥單型列表。 (表1)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| InterFace | ErpType | LogicDesc | EDLInf | WMSType | Erp\_Site | OutBound |
| SP81 | ZS04 | 1110調撥至門市 | SO | Y | 1110 | EX07\_SO |
| SP81 | ZS04 | 1116調撥至門市 | SO | Y | 1116 | EX07\_SO |
| SP81 | ZS04 | 1117調撥至門市 | SO | Y | 1117 | EX07\_SO |
| SP81 | ZS04 | 1300的調撥 | SO | Y | 1300 | EX07\_SO |
| SP81 | ZS04 | 指定調撥 | SO | Y | C001 | EX07\_SO |
| SP81 | ZS04 | 指定調撥 | SO | Y | G011 | EX07\_SO |
| SP81 | ZS04 | 指定調撥 | SO | Y | G016 | EX07\_SO |
| SP81 | ZS04 | 行銷-出貨 | SO | Y | M048 | EX07\_SO |

因ERP 後續再新設貨主未列入，請依現有的單類邏輯表為準 (\_ErpImpLogic) 。

1. Gateway接口調整 程序名稱: 【\_Edi\_OutPut\_Fmt】

|  |
| --- |
| 程序調整區段 |
| 位置 174行 :   * 選擇接口傳回ERP過帳 :@Infmod=EX07\_SO * ERP 欄位BWART移動類型(movement type) :   判斷邏輯 :  出貨單type\_text 等於SO (訂單分類為SO) 且  出貨單 ship\_to\_code等於 F001(到貨點為F001)；則BWART=351 ；  其他到貨點都是 BWART=951。 |

1. SJOB排程的執行記錄及驗證 :

|  |
| --- |
| 驗證匯出方式 |
| * 查證SJOB排程記錄:   資料表: SOB..JOBQ ，iexp..W\_So (on Wkey =display\_order\_number)  條件: Infid='EX07\_SO' and Wkey like '504%' and ship\_to\_code= 'F001' and ctyps>=9   * 依據檔案備份位置直接驗證檔案內容   或重新執行匯出命令(Runlog) ，驗證匯出內容是否正確。 |

# **Out of Scope**

* 目前中間庫開放ERP 調撥回F001物流倉只限ZS04、ZS05、ZS15 ，若有其他單型的調撥單回F001，未經驗證不在此範圍。
  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)

Edl\_Gateway

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

SQL Server

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

SQL server

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: High Jump

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 | 2023/09/08 |
| 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 | 45000 |
| 1 | Developer | NTD15,000 | 5 | 60000 |
| Sub total | | | | **NTD120,000** |
| **Purchase** | | | | |
|  |  | NTD0.0 | 0 | 0 |
| Sub total | | | | **NTD0** |
| Grand total | | | | **NTD120,000** |