

Functional Design Document

<Project Name – e2e本站郵局標籤修改>

Version:

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| Kevin | Developer | Developer, PM | Kevin |

**DOCUMENT CONTROL**

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# Part 1 – Purpose

針對資訊安全針對客戶收件資料新增API至台北總部資料庫取得客戶收件資料因此需修改HJ與WMS驗放自動列印功能。

1. HJ 目前無郵局標籤自動列印功能於HJ新增郵局配送號取號並呼叫EC API取得收件人資訊

與驗放自動列印標籤功能。

取號規則@@@@@@+324001+##

@@@@@@：000000~999999

##：路線ZA為18 路線ZD為78

1. WMS標籤修改

於現行WMS EC\_PACK驗放程式內新增API取得收件人資訊功能，並自動列印標籤。

一張含有 桌 的圖片

自動產生的描述

|  |
| --- |
| 標籤格式： |
|  |

# Part 2 – Requirements

## Request

1. HJ需修改範圍
   1. 配送號取號

取號程式：\_sp\_get\_waybill\_number、\_sp\_add\_carton\_by\_order

取號順序檔：\_sq\_WBLPF

|  |
| --- |
| 順序設定 |
|  |

取號設定值：

一張含有 文字, 字型, 行, 數字 的圖片

自動產生的描述

\_sp\_get\_waybill\_number新增郵局取號規則

一張含有 文字, 字型, 數字, 行 的圖片

自動產生的描述

\_sp\_add\_carton\_by\_order取消郵局判斷

一張含有 文字, 字型, 行, 繪圖 的圖片

自動產生的描述

* 1. 驗放自動列印

標籤程式：\_SP\_HJ\_WBL\_CSO\_Postoffice\_EC

|  |  |
| --- | --- |
| StoredProcedure | Configworkbook |
|  |  |

1. WMS需修改範圍

驗放程式：EC\_Pack

標籤程式：\_SP\_WMS\_WBL\_CSO\_Postoffice\_EC

|  |  |
| --- | --- |
| StoredProcedure | Configworkbook |
|  |  |

UT

|  |  |
| --- | --- |
| 標籤 | 資料範例 |
|  |  |

Codelist

|  |  |
| --- | --- |
| Listname | Description |
| BTWAPIConfig | Bartender API相關設定 |
| Shippinglabel | 出貨標籤參數 |

Codelkup

API相關設定

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| listname | code | Description | short | long | Storerkey | UDF01 | UDF02 |
| BTWAPIConfig | ZA | 誠品本站郵局API網址 | POST | application/json | C001 | http://192.168.1.100/Integration/ShippingLabel/Execute | http://192.168.1.104/Integration/ShippingLabel/Execute |
| BTWAPIConfig | ZD | 誠品本站郵局API網址 | POST | application/json | C001 | http://192.168.1.100/Integration/ShippingLabel/Execute | http://192.168.1.104/Integration/ShippingLabel/Execute |

Bartender相關設定

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| listname | code | Description | LONG | Storerkey | UDF03 | UDF04 | UDF05 |
| Shippinglabel | ZA | 誠品本站郵局設定 | \_SP\_HJ\_WBL\_CSO\_Postoffice\_EC | C001 | ZA\_ShippingLabel\_\*.Json | 誠品線上 | HJ\_WBL\_CSO\_ZA |
| Shippinglabel | ZD | 誠品本站郵局設定 | \_SP\_HJ\_WBL\_CSO\_Postoffice\_EC | C001 | ZD\_ShippingLabel\_\*.Json | 誠品線上 | HJ\_WBL\_CSO\_ZD |

\_t\_device相關設定

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| wh\_id | device\_id | device\_type | device\_ip | device\_description | device\_model | status |
| PZ1 | LNWOC210009 | PC | 192.168.101.38 | LNWOC210009 | N/A | A |

\_t\_printer\_mapping相關設定

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| report\_name | id | wh\_id | workstation\_id | report\_name | printer\_id | parameters | status | comment | FilePath | FilePath\_bak | BTW\_Label |
| HJ\_WBL\_CSO\_ZA | 1041 | PZ1 | LNWOC210009 | HJ\_WBL\_CSO\_ZA | Ec\_192.168.19.2 | NULL | A | NULL |  | D:\Bartender\Log Files\ | D:\Bartender\Format\Postoffice\_ShippingLabel.btw |
| HJ\_WBL\_CSO\_ZD | 1042 | PZ1 | LNWOC210009 | HJ\_WBL\_CSO\_ZD | Ec\_192.168.19.2 | NULL | A | NULL |  | D:\Bartender\Log Files\ | D:\Bartender\Format\Postoffice\_ShippingLabel.btw |

EC\_PACK修改

新增郵局 ZA,ZD路線自動列印

一張含有 文字 的圖片

自動產生的描述

驗放

一張含有 文字 的圖片

自動產生的描述

補印



## Test Cases

SIT

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **項次** | **階段** | **測試情境** | **預計結果** | **負責人** | **結果** | **備註** |
| 1 | SIT | 測試單據: 202212212346901 | 驗放完成並自動列印單據與箱明細 | Jacky | 正常 |  |
| 2 | SIT | 測試單據: 230116GYC7CMH0 | 非郵局路線驗放正常列印 | Jacky | 正常 |  |
| 3 | SIT |  |  |  |  |  |

測試結果相關資料:

UAT

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **項次** | **階段** | **測試情境** | **預計結果** | **負責人** | **結果** | **備註** |
| 1 | UAT | 測試單據 : 202302096951801 | 驗放完成並自動列印單據與箱明細 |  | 正常 |  |
| 2 | UAT | 測試單據:  230210NDJBGMY6 | 非郵局路線驗放正常列印 |  |  |  |
| 3 | UAT |  |  |  |  |  |

## Business Case

針對由即路線ZA、ZD進行新增面單功能。

## Boundaries and Constraints

其餘路線不在此範圍內

# Part 3 – Contacts (as appropriate)

|  |  |  |  |
| --- | --- | --- | --- |
| Role | Name | Email | Phone |
| Developer |  |  |  |
| Requester |  |  |  |
|  |  |  |  |
|  |  |  |  |